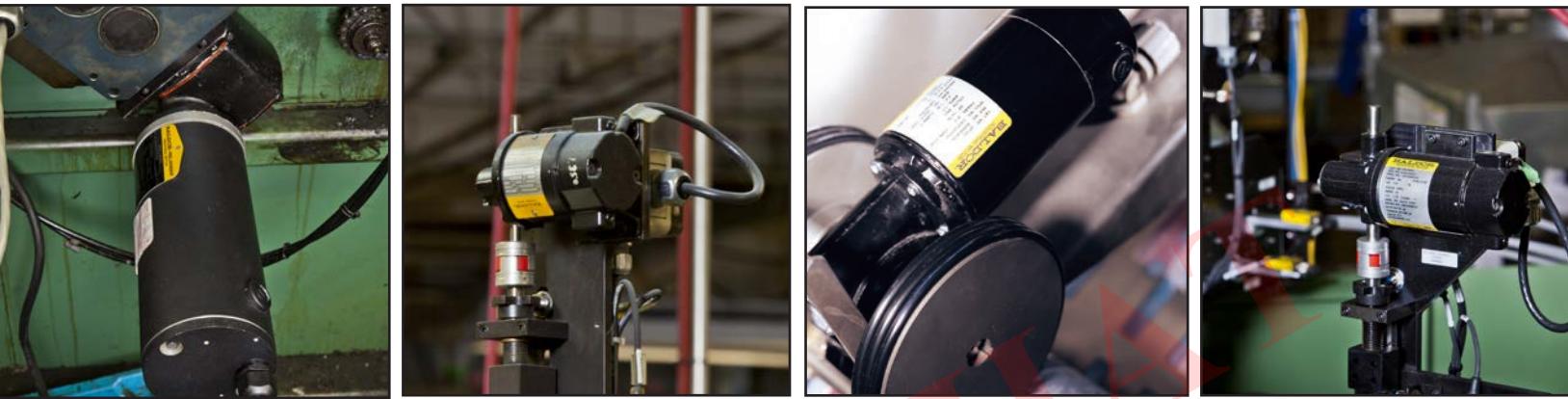


BALDOR • RELIANCE



**Gearmotors &
Speed Reducers**



BALDOR®
A MEMBER OF THE ABB GROUP

Any product is only as good as its individual components. Starting with careful attention to detail in the engineering stage and continuing through the selection of materials and manufacturing processes, each component is designed to stand up in rugged industrial applications.



Die cast housings are produced in our own facility. Machined on



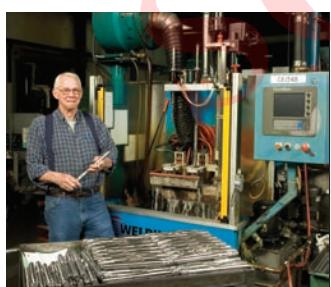
precision CNC machining centers and checked on state-of-the-art measuring equipment, these housing provide rigid support and accurate alignment of the gears.



All motors are ball bearing type, rated for industrial duty. These motors, both AC and DC, are constructed from precision machined components and are dynamically balanced for smooth quiet operation.



Outside surfaces are protected by a durable heat cured dry powder coating which is FDA approved for food processing applications.



Continuing education and training helps our people maintain the highest standards of quality. From initial design through final test, our employees are dedicated to building the best product possible.



Over 300 stock ratings are available from Baldor district offices and distributors across the country. Thousands of custom combinations can be assembled from a wide range of standard ratios, motors, and mountings. Baldor sales and engineering personnel are available to help solve your application problems.

Worm Gear Reducers



Standard finish



Washdown epoxy



Washdown stainless steel

Inline Helical



Universal Series



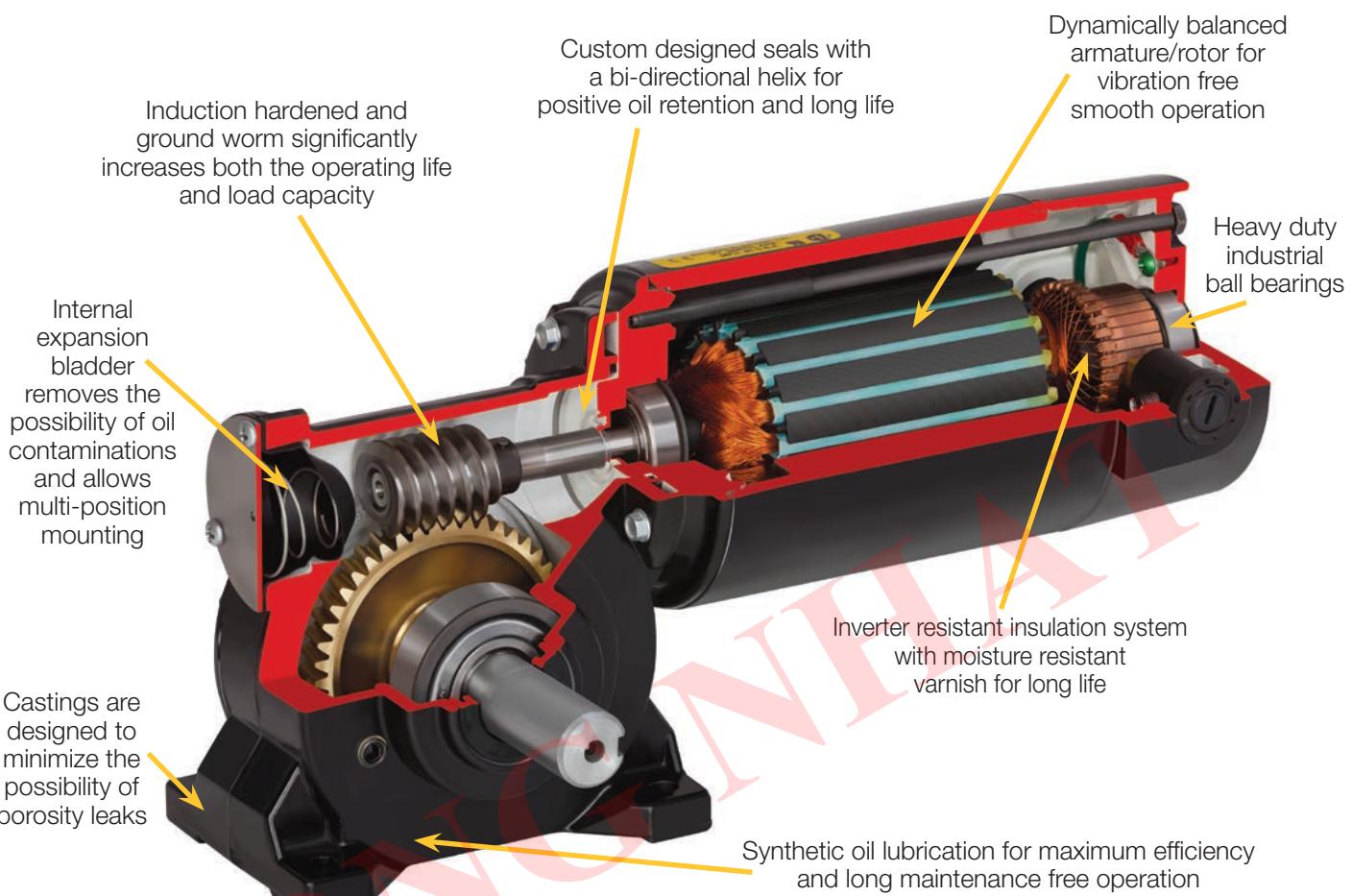
Ratio Multipliers



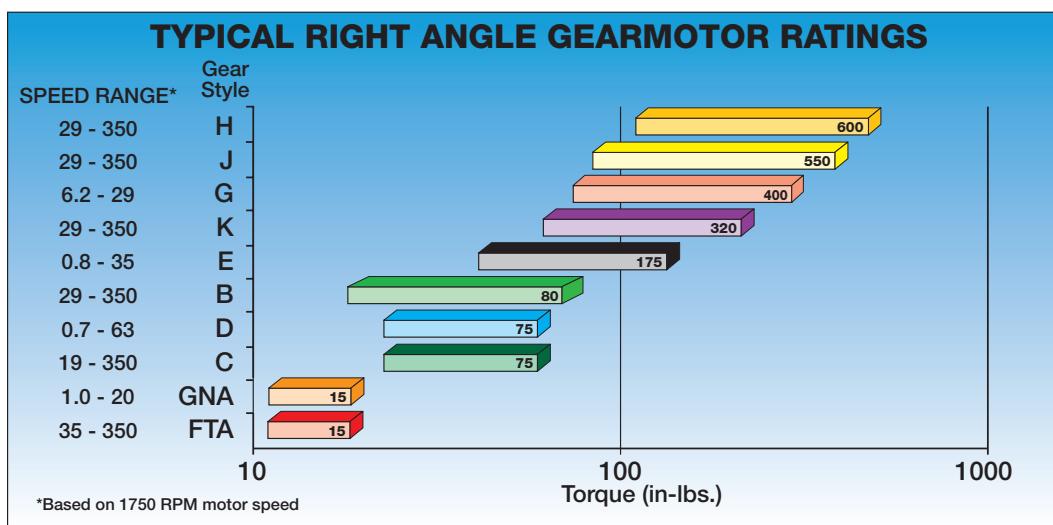
Gearmotors



Right Angle Gearmotors Features and Benefits



* Vertical motor below gearhead not recommended.



Single Reduction Worm Gearmotors

**Style FTA**

- Hardened and ground steel worm provides quiet operation and long life
- Factory lubricated for life, no routine maintenance is required
- Double 5/16" output shafts provides mounting flexibility
- AC & DC ratings up to 1/20 hp
- Torque ratings to 15 in-lbs
- Available in 90 VDC, 115 or 230/460 VAC, and 230 VAC Inverter Duty

**Style B**

- Hardened and ground steel worm provides quiet operation and long life
- Factory lubricated for life with synthetic oil
- Baldor's exclusive internal oil expansion bladder. Keeps lubrication in and contamination out
- Double 1/2" output shafts provides mounting flexibility
- AC & DC ratings up to 1/6 hp
- Torque ratings to 80 in-lbs
- Available in 90 or 180 VDC, 115 or 230/460 VAC, and 230 VAC Inverter Duty

**Style C**

- Hardened and ground steel worm provides quiet operation and long life
- Factory lubricated for life with synthetic oil
- Baldor's exclusive internal oil expansion bladder. Keeps lubrication in and contamination out
- Double 1/2" output shafts provides mounting flexibility
- AC & DC ratings up to 1/4 hp
- Torque ratings to 75 in-lbs
- Available in 90 or 180 VDC and 115 or 230/460 VAC

**Style K**

- Hardened and ground steel worm provides quiet operation and long life
- Factory lubricated for life with synthetic oil
- Baldor's exclusive internal oil expansion bladder. Keeps lubrication in and contamination out
- Single 5/8" output shaft has both keyway and flat
- AC & DC ratings up to 1/2 hp
- Torque ratings to 320 in-lbs
- Available in 90 or 180 VDC, 115 or 230/460 VAC, and 230 VAC Inverter Duty

**Style J**

- Hardened and ground steel worm provides quiet operation and long life
- Factory lubricated for life with synthetic oil
- Baldor's exclusive internal oil expansion bladder. Keeps lubrication in and contamination out
- Double 3/4" output shafts provides mounting flexibility
- AC & DC ratings up to 1/2 hp
- Torque ratings to 550 in-lbs
- Available in 90 or 180 VDC, 115 or 230/460 VAC, and 230 VAC Inverter Duty

NOTE: Vertical motor below gearhead not recommended. Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.



Style H

- Hardened and ground steel worm provides quiet operation and long life
- Ratios from 5:1 to 60:1
- Factory lubricated for life with Klubersynth UH1-6-460 USDA food grade oil
- Baldor's exclusive internal oil expansion bladder, keeps oil in and contamination out
- Symmetrical, 1.00" hollow through-bore design
- AC & DC ratings up to 1 hp
- Torque ratings to 600 in-lbs

Double Reduction Worm Gearmotors



Style GNA

- Hardened and ground steel worms provides quiet operation and long life
- Ratios from 88:1 to 1600:1
- Double 5/16" output shafts provides mounting flexibility
- AC & DC ratings up to 1/97 hp
- Torque ratings to 15 in-lbs
- Available in 90 VDC



Style D

- Hardened and ground steel worms provides quiet operation and long life
- Ratios from 27.4:1 to 2500:1
- Factory lubricated for life with Mobil SHC 634 synthetic oil
- Baldor's exclusive internal oil expansion bladder. Keeps lubrication in and contamination out
- Double 1/2" output shafts provides mounting flexibility
- AC & DC ratings up to 120 hp
- Torque ratings to 75 in-lbs
- Available in 90 or 180 VDC, 115 VAC and 230 VAC Inverter Duty



Style E

- Hardened and ground steel worms provides quiet operation and long life
- Ratios from 50:1 to 2000:1
- Factory lubricated for life with Mobil SHC 634 synthetic oil
- Baldor's exclusive internal oil expansion bladder. Keeps lubrication in and contamination out
- Double 5/8" output shafts provides mounting flexibility
- AC & DC ratings up to 1/4 hp
- Torque ratings to 175 in-lbs
- Available in 90 or 180 VDC, 115 or 230/460 VAC, and 230 VAC Inverter Duty

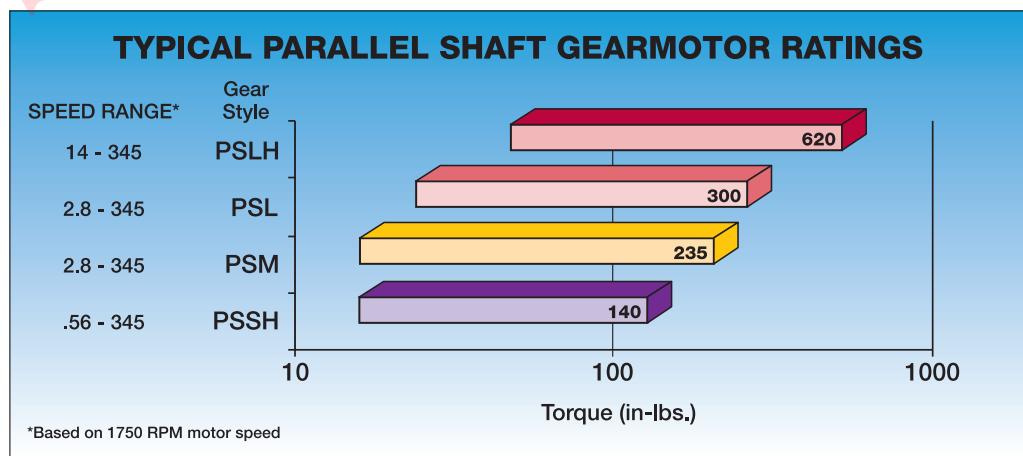
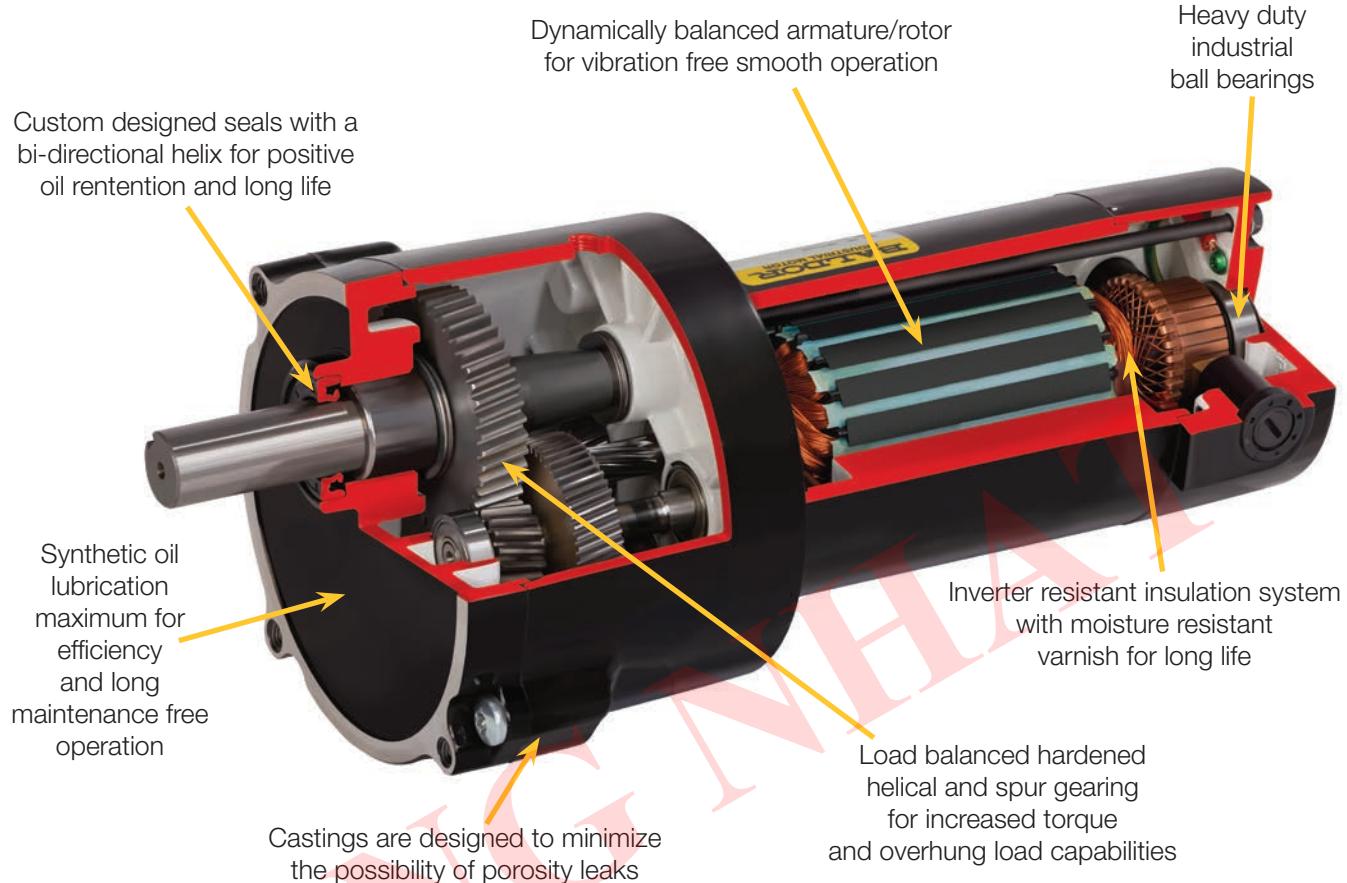


Style G

- Hardened and ground steel worm with bronze gear for strength and long life
- Hardened helical output gear provides quiet, high-torque transmission
- Ratios from 60:1 to 280:1
- Factory lubricated for life with synthetic oil
- Single 3/4" output shaft with keyway
- AC & DC ratings up to 1/8 hp
- Available in 90 or 180 VDC, 115 or 230/460 VAC, and 230 VAC Inverter Duty

NOTE: Vertical motor below gearhead not recommended. Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

Parallel Shaft Gearmotors



Parallel Shaft Gearmotors



Style PSSH

- Induction hardened helical and spur gears for extra strength
- Ball and needle bearing construction for improved torque capacity
- Factory lubricated for life with synthetic oil
- Output shaft is 1/2" diameter
- Industry standard mounting dimensions
- AC & DC ratings up to 1/4 hp
- Ratios from 5:1 to 3125:1
- Torque ratings to 140 in-lbs
- Available in 90 or 180 VDC, 115 VAC and 230 VAC Inverter Duty
- Additional bases for greater mounting flexibility available



Style PSM

- Induction hardened helical and spur gears for extra strength
- Ball and needle bearing construction for improved torque capacity
- Factory lubricated for life with synthetic oil
- Output shaft is 5/8" diameter
- Industry standard mounting dimensions
- AC & DC ratings up to 1/8 hp
- Ratios from 5:1 to 625:1
- Torque ratings to 235 in-lbs
- Available in 90 or 180 VDC, 115 VAC and 230 VAC Inverter Duty
- Additional bases for greater mounting flexibility available



Style PSL

- Induction hardened helical gears for extra strength
- Ball and needle bearing construction for improved torque capacity
- Factory lubricated for life with synthetic oil
- Output shaft is 3/4" diameter
- Industry standard mounting dimensions
- AC & DC ratings up to 1/2 hp
- Ratios from 5:1 to 625:1
- Torque ratings to 620 in-lbs
- Available in 90 or 180 VDC, 115 VAC or 230/460 VAC, and 230 VAC Inverter Duty
- Additional bases for greater mounting flexibility available

Style PSLH

NOTE: Vertical motor below gearhead not recommended. Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.



900 Series Speed Reducers

Over 350 models in stock, a 24-hour Quick Ship program on most popular non-stock items, and 36 warehouses throughout North America – Baldor gives you the features you want, where and when you want them.

Specifications

- Nine center distances
- Fractional through 15 horsepower
- Output torque ratings up to 3200 inch pounds – single reduction
- Solid and hollow output shaft designs
- Single reduction ratios from 5:1 to 60:1
Double reduction from 75:1 to 3600:1
- Standard NEMA C-face quill or coupled input as well as solid worm type input
- Adapter kits available to convert two stock single stage units into a double reduction unit

Features

- Dimensionally interchangeable with major U.S. manufacturers
- Chill cast precision hobbed tin bronze gear provides superior wear characteristics
- Carburized and ground worm provides optimum efficiency and cool quiet operation
- Plunge ground seal journals for optimum seal life
- Completely sealed and lubricated for life with USDA H1 food grade oil providing years of trouble-free operation



Inline Helical

Baldor's ILH Gearboxes are engineered for flexibility, greater torque density in compact housing configuration, and increased horsepower capability

Specifications

- Fractional through 75 horsepower
- Output torque range 116 in-lbs – 123914 in-lbs
- Ratio range 1.41:1 – 359:1
- Foot mount and output flange models
- Standard NEMA C-face and projecting input shaft models
- NEMA 56C – 360TC
IEC 71D – 250D



Universal Series Speed Reducers

Baldor's Universal Series Reducers boast a robust cast iron construction with integrated mounting feet eliminating the need for bolt on bases.

Specifications

- Ten center distances
- Fraction through 28.5 Hp
- Output torque ratings:
Up to 30,000 inch pound - single reduction
Up to 22,500 inch pound - double reduction
- Solid output shaft design only
- Single reduction ratios from 5:1 to 60:1
Double reduction from 75:1 to 3600:1
- Standard NEMA C-face quill or coupled input as well as solid worm type input
- Adapter kits available to convert two stock single stage units into a double reduction unit.

Features

- Integral cast mounting feet
- Chill cast precision hobbed tin bronze gear provides superior wear characteristics
- Carburized and ground worm provides optimum efficiency and cool quiet operation
- Plunge ground seal journals for optimum seal life
- Completely sealed and lubricated for life with USDA H1 food grade synthetic oil which ensures years of trouble-free operation

Features

- Dimensionally interchangeable with other major manufacturers
- Standard NEMA c-face input accepts standard motors
- Accessible oil seals for easy routine maintenance
- All sizes can be double sealed on the high speed shaft for severe applications
- Oversized bearings for high overhung load ratings
- Rugged high quality cast iron housings



900 Series All Stainless Steel Speed Reducers

Baldor's all stainless steel speed reducers are easy to clean and sanitize, minimizing bacterial contamination for food processing equipment. Stainless steel provides the highest protection for pharmaceutical and chemical processing applications where harsh chemicals and cleaning solutions can be extremely corrosive to aluminum, cast iron and other materials.

Specifications

- Three center distances: 1.75, 2.06, 2.62 and 3.25
- Fractional through 5 Hp
- Solid and hollow output with torque ratings up to 2255 inch pounds
- Single and double reduction ratios available
- Standard NEMA C-Face Quill input

Features

- Smooth 316 stainless steel finish minimizes the chance for bacteria growth. Excellent corrosion resistance, especially where bleach solutions may be used
- 300 Series Stainless Steel output shaft and stainless hardware provides superior corrosion resistance
- O-ring sealed housing insures that all entry points are completely sealed prevention ingress of water or other contaminants, extending service life
- Completely sealed and lubricated for life with USDA H1 food grade oil. Providing years of trouble-free operation.

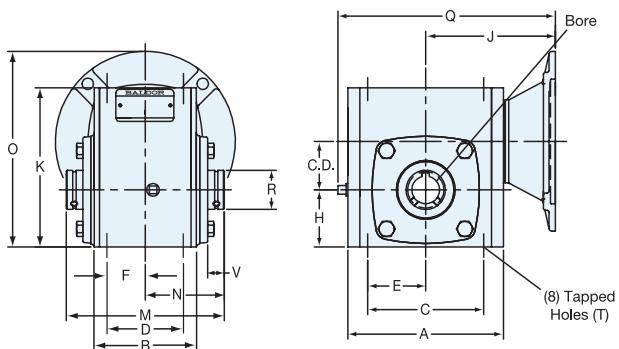
Ratio Multipliers

Single stage parallel shaft reducers (or speed increasers) are available from stock with NEMA C-face input and output. They increase output torque, double reduction capacity and offer greater flexibility of inventory.

- Increases torque and efficiency
- Ratings up to 10 horsepower
- Pre-Fill at the factory
- Accept NEMA 56C or 140TC input
- Bolts to any NEMA 56C or 140TC Reducer
- 4 Ratios Available

Ratio	Size	Output RPM @ 1750 RPM In	Input Hp	Output Torque In. Lbs.
2	1	875	2.00	141
3	1	583	1.65	175
4	1	438	1.38	195
5	1	350	1.10	194
2	2	875	12.42	877
3	2	583	8.68	911
4	2	438	6.36	885
5	2	350	5.40	431
5	2	350	5.40	431

Stainless Steel Style SSHF Hollow Output Shaft

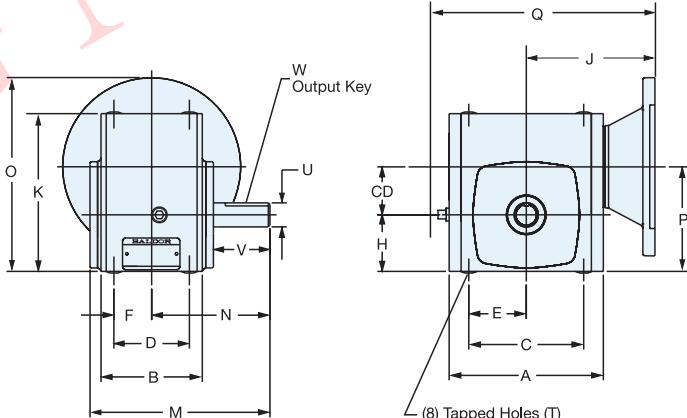


Size	C.D.	A	B	C	D	E	F	H	J		K	M	N	O		P
									56C 140TC	180TC				56C 140TC	180TC	
918	1.75	5.62	3.69	4.19	2.75	2.09	1.38	2.06	4.69	—	5.75	5.70	2.85	7.12	—	3.81
921	2.06	6.13	3.83	5.00	2.88	2.50	1.44	2.28	5.06	—	6.38	6.44	3.22	7.65	—	4.34
926	2.62	7.45	4.44	6.38	3.38	3.19	1.69	2.94	5.75	6.19	8.00	6.88	3.44	8.87	10.19	5.56
932	3.25	9.00	5.88	7.50	4.00	3.75	2.00	3.50	6.57	7.00	9.38	8.50	4.25	10.06	11.38	6.75

Size	Q		T		Output Shaft				W-Key		Approximate Weight Lbs.	Approximate Oil Capacity oz.
	56C 140TC	180TC	Tap Size		Bore		V	Sq.	Length			
			Std.	Max.	Std.	Max.		Sq.	Length			
918	7.85	—	0.312-18	0.59	1.42	1.000	1.125	.60	0.250	1.625	31	14.0
921	8.63	—	0.375-16	0.69	1.73	1.250	1.250	.63	0.250	1.625	36	17.5
926	9.90	10.34	0.375-16	0.69	2.56	1.438	2.000	.63	0.375	1.500	59	32.0
932	13.42	13.85	0.438-14	0.938	2.76	1.938	2.125	1.312	0.500	2.250	100	67.0

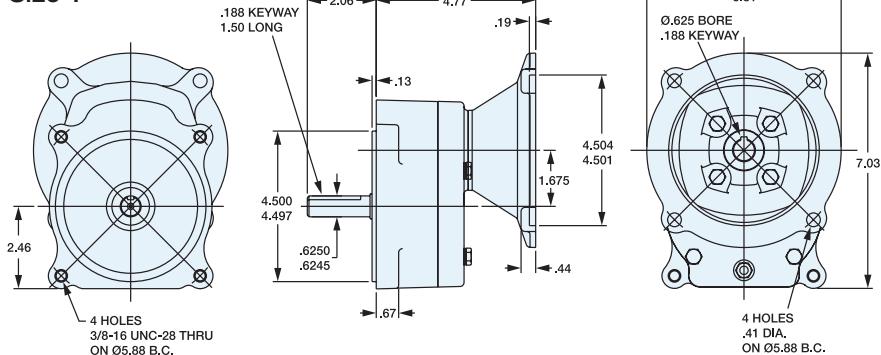
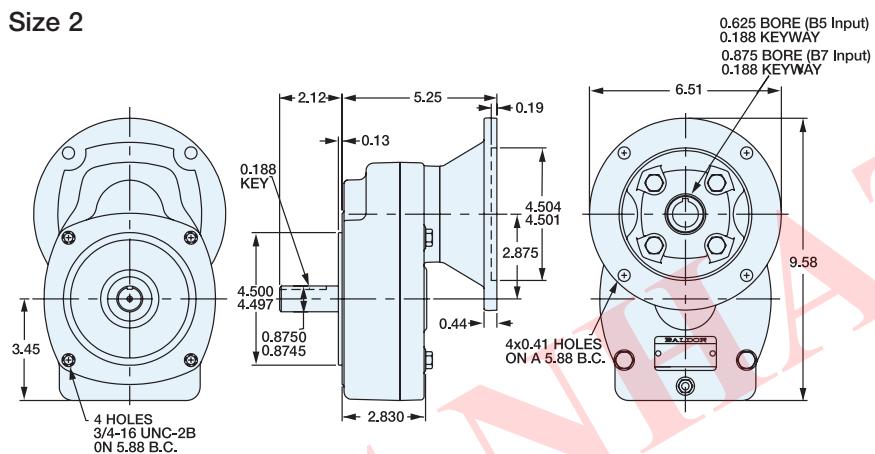
Stainless Steel Style SSF

Basic



Size	C.D.	A	B	C	D	E	F	H	J		K	M	N	O		P
									56C 140TC	180TC				56C 140TC	180TC	
918	1.75	5.56	3.69	4.19	2.75	2.09	1.38	2.06	4.69	—	5.75	6.78	4.31	7.12	—	3.81
921	2.06	6.06	3.81	5.00	2.88	2.50	1.44	2.28	5.07	—	6.38	7.22	4.69	7.65	—	4.34
926	2.62	7.38	4.44	6.38	3.38	3.19	1.69	2.94	5.75	6.19	8.00	8.50	5.62	8.87	10.19	5.56
932	3.25	9.00	5.88	7.50	4.00	3.75	2.00	3.50	6.57	7.00	9.38	10.69	7.06	10.06	11.38	6.75

Size	Q		T		Output Shaft				W-Key		Approximate Weight Lbs.	Approximate Oil Capacity oz.			
	56C 140TC	180TC	Tap Size	Depth	U +0.000 -0.001	V	Sq.	Length							
								Sq.	Length						
918	7.85	—	0.312-18	0.59	0.875	2.06	0.188	1.00	—	30	30	30	14.0	14.0	14.0
921	8.63	—	0.375-16	0.59	1.000	2.38	0.250	1.25	—	36	36	36	17.5	17.5	17.5
926	9.90	10.34	0.375-16	0.69	1.125	2.78	0.250	2.00	—	56	56	56	32.0	32.0	32.0
932	13.42	13.85	0.438-14	0.938	1.375	3.44	0.313	2.500	—	100	100	100	67.0	67.0	67.0

Size 1**Size 2**

Gearmotor Accessories



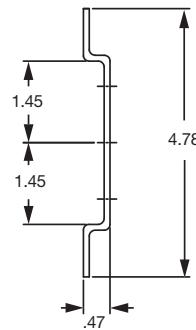
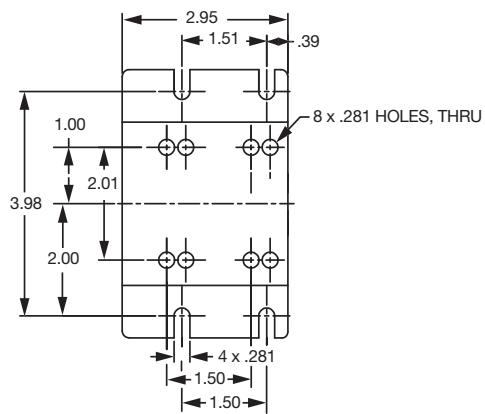
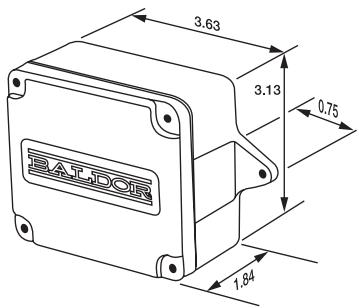
BKP2400 Conduit Box

BKP2400 is an optional combination conduit/capacitor mounting kit. This box may be used with stock 24 frame AC motors and Gearmotors.



B92 Base

B92 is a formed steel-mounting base that bolts to the bottom of the PSM gearbox casting. Provides secure foot mounting and drop-in interchangeability with other manufacturers.



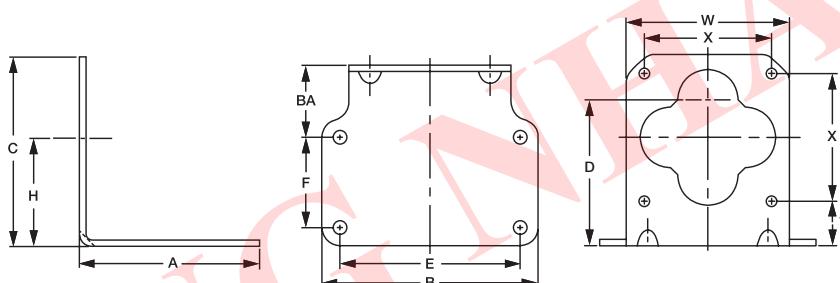
Gearmotor Accessories



LB73 & LB73GR are “L” type mounting brackets used with the PSSH gearmotor. Securely mounts to gear face in a 90 degree locations for floor, wall or ceiling mount. **LB73** is painted black to match stock DC motor while **LB74GR** is painted gray to match our AC line.

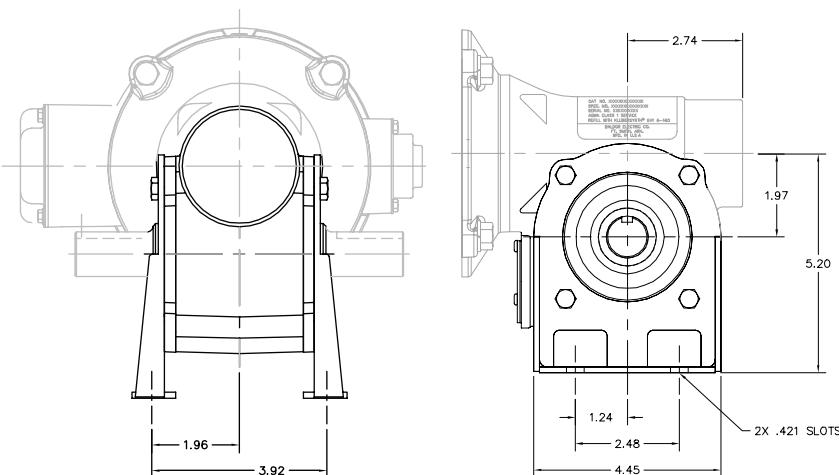
LB74 “L” type mounting brackets used with the PSL and PSLH gearmotor. Securely mounts to gear face in a 90 degree locations for floor, wall or ceiling mount. **LB74** is not recommended for units weighing over 20 lbs.

LB75 “L” type mounting brackets used with the PSL and PSLH gearmotor. Securely mounts to gear face in a 90 degree locations for floor, wall or ceiling mount. **LB75** is recommended for units weighing over 20 lbs.



	A	B	C	D	E	F	H	BA	W	X	Y
LB73	3.75	4.50	3.94	3.03	3.75	1.88	2.25	1.50	3.40	2.65	0.93
LB74	4.50	6.00	5.45	4.00	5.00	2.50	3.10	1.50	4.63	3.62	1.28
LB75	6.00	6.00	6.00	4.00	5.00	2.50	3.10	1.50	6.00	3.62	1.28

H Gearbox Accessories



Baldor offers optional base and shaft kits for H style gearmotors. Adding a base and shaft kit allows them to be used in applications requiring a right-angle shaft extension. The shaft can be used for either right or left hand output applications.

Catalog Number	Description	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.
B19H71	Horiz Base Kit	67	A8	1
SH10HS	Output Shaft Kit	21	A8	2



NEMA Enclosed DC Controls

FOR PERMANENT MAGNET OR SHUNT WOUND MOTORS



**BC140 Enclosed
(NEMA 1)**

Features common to enclosed and chassis mount controls:

- Full wave SCR control with free wheeling diode (NEMA type K) except regen controls.
- Field power supply allows use with shunt wound DC motors as well as permanent magnet motors.
- Adjustable accel, decel, current limit, IR comp, min. and max. speed. Current limit indicating LED.
- 5K speed pot for speed control (remote on chassis mount).
- Kit available for forward/brake/reverse switching (BC140, BC154, BC254 only).
- Horsepower resistor and armature fuse selectable to match control and motor for each application. (Included in price of control).
- Customer selectable armature or tach feedback (except BC138, BC139, BC140, BC140-FBR).
- Anti-demag circuit protects PM motors and helps protect the SCR power bridge against direct shorts.
- Noise rejection circuit eliminates false starts and blown SCR's.
- US and Canadian UL component recognition.

Additional features are standard only on enclosed control:

- On-off switch
- 115/230 voltage selection switch or jumper
- Pilot light (BC140, BC140-FBR, BC200, BC201, BC202, BC203, BC204, BC254 and BC354 only)
- Terminal strip connections
- Built in armature and line fusing
- BC140-FBR includes Forward-Brake-Reverse switch

A Plug-in Horsepower Resistor® and armature fuse **must** be ordered and installed in BC138, BC139, BC140, BC140-FBR, BC141 and BC142. Spare resistor kits are also available. Resistor should be selected based on the motor's rated current.

Hp Range	Catalog Number	Approximate Shipping Weight (Lbs)	Input Voltage
1/100-1/3	BC138	1	115 VAC
1/50-3/4	BC139	1	230 VAC
1/100-2*	BC140	3	115/230 VAC
1/100-2*	BC140-FBR	3	115/230 VAC

NOTE: *1 Hp at 115V and 2 Hp at 230V requires BC143 heatsink kit.
FBR = Forward/Brake/Reverse.

DC Control Accessories

Catalog Number	Description	Approximate Shipping Weight (Lbs)
BC24-LF	Ac Line Filter for use with CE Applications	0.5
BC143	External Heatsink Kit (BC140, BC140-FBR, BC141, BC142)	2.0
BC144	Forward-Brake-Reverse Switch Kit for BC140	0.4
BC145	Signal Isolator Board	0.5
BC146	Current Sensing Relay/Overload Protector	0.4
BC147	Barrier Terminal Board (BC141 & BC142)	0.3
BC148	Replacement Potentiometer Kit (5K ohm)	0.1
BC149	Knob and Dial Kit	0.1
BC151	Electronic Speed Potentiometer	0.5
BC152	Barrier Terminal Board With Signal Isolator (BC141 AND BC142)	1.0
BC218	DIN-rail mounting kit for BC141, BC142 or BC204	0.5

NOTE: BC24-LF is an AC line filter required for applications where CE is required if the control is not filtered elsewhere in the application. This filter is used on most 115 or 230 VAC, single phase applications where CE is required.

Chassis Mount DC Controls



BC141 / BC142



BC155

Hp Range	Catalog Number	Approximate Shipping Weight (Lbs)	Input Voltage (1Ph,50/60 Hz)
1/100-1.5**	BC141	1	115 VAC
1/50-3**	BC142	2	230 VAC
5	BC155	5	230 VAC

NOTE: Above controls include 5k speed potentiometer.

**1-1.5 Hp at 115 Volts and 2-3 Hp at 230 Volts, requires BC143 Heatsink kit. BC155 Includes integral heatsink.

Plug-In Horsepower Resistor & Fuse Kit

A Plug-in Horsepower Resistor® and armature fuse **must** be ordered and installed in BC138, BC139, BC140, BC140-FBR, BC141 and BC142. These should be selected based on the motor's **rated current**.

Motor Hp Armature Voltage 90-130 VDC	Plug-In Hp Resistor Resistance Value (Ohms) 180 VDC	Baldor Catalog Number	Approximate Motor Current (DC Amps)	DC Fuse Rating (AC Amps)
1/100	1/50	BR1000	0.20	0.50
1/50	1/25	BR0510	0.30	0.50
1/30	1/15	BR0350	0.33	0.50
1/20	1/10	BR0250	0.50	0.75
1/15	1/8	BR0251	0.80	1.00
1/12	1/6	BR0180	0.85	1.25
1/8	1/4	BR0100	1.30	2.00
1/6	1/3	BR0101	2.00	2.50
1/4	1/2	BR0050	2.50	4.00
1/3	3/4	BR0035	3.30	5.00
1/2	1	BR0025	5.00	8.00
3/4	1 1/2	BR0015	7.50	12.00
1*	2*	BR0010	10.00	15.00
1 1/2*	3*	BR0006	15.00	25.00**

NOTE: * External Heatsink required. ** Also used with AC Line Fuse. For AC line fuse rating see manual.

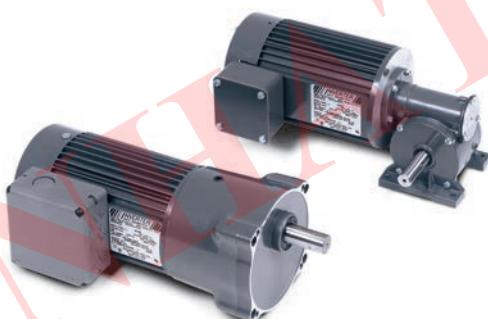
Reducer Accessories and Modifications

- Base kits
- Hollow shaft bushings
- Torque arm kits
- Cast iron and steel output flanges
- Tack on double reduction adapters
- Wash-down units



Inverter Duty Gearmotors

Baldor's Inverter Duty Gearmotor line is rated 3/8 Hp at 230 Volt, 60 Hz, 3-Phase, with an operating range from 10-90 Hz. Available in a broad range of ratios meeting your demanding application needs.



PT Components

- Fixed Bore, Bush Type, Fractional Fixed Bore, and Step Pulleys
- "QD" Bushings and Weld-on Hubs, Taper-Lock Bushings, XT Bushings and Hubs
- Maska Starflex, Maska 4-Flex and Maskaflex couplings
- Timing Pulleys and HTD Sprockets
- Synchronous & V-Belts



Baldor•Reliance gearmotors are designed and built to withstand rugged industrial applications with precision matched motor and gear ratios for optimized performance, ensuring adequate power and torque are provided for the application. Each gearmotor is factory filled with synthetic oil, and lubricated for life for maximum efficiency and reduced maintenance.



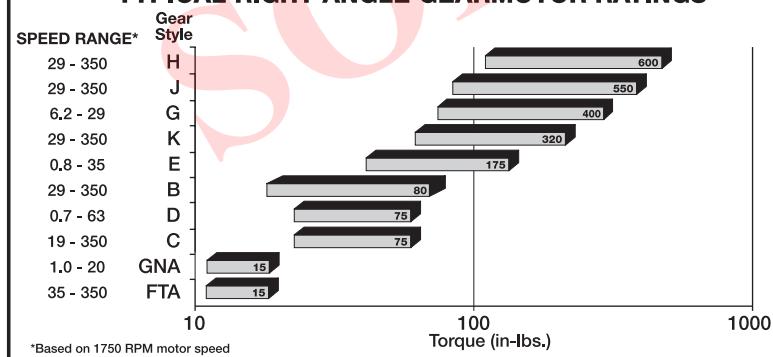
1/4 - 250 Horsepower

Gearmotors

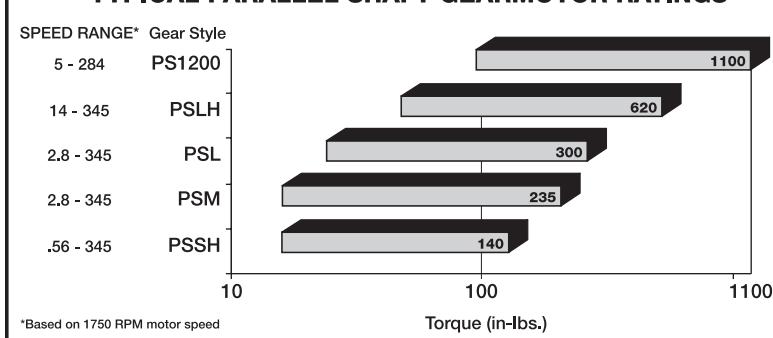
	Parallel Shaft	Right Angle
1.0 Service Factor – Continuous	S	S
Class F insulation	S	S
UL Component Recognized	S	S
Electrical Features		
Induction hardened helical and spur gears	S	-
Ball and needle bearing construction	S	-
Non-vented gear housings	S	S
Food grade lubricant	-	S
Internal oil expansion bladder	-	S
High strength bronze gearing with precision ground worm	-	S
Mechanical Features		

S = Standard

TYPICAL RIGHT ANGLE GEARMOTOR RATINGS



TYPICAL PARALLEL SHAFT GEARMOTOR RATINGS





Fixed Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Enclosure	Voltage	Notes (a)	Drawing Number
Single Phase - Permanent Split Capacitor													
59/71	7.5	1/50	24	1.3	GC24003	406	DS	7	2412C-FTA	TENV	115	19	1

Variable Speed AC

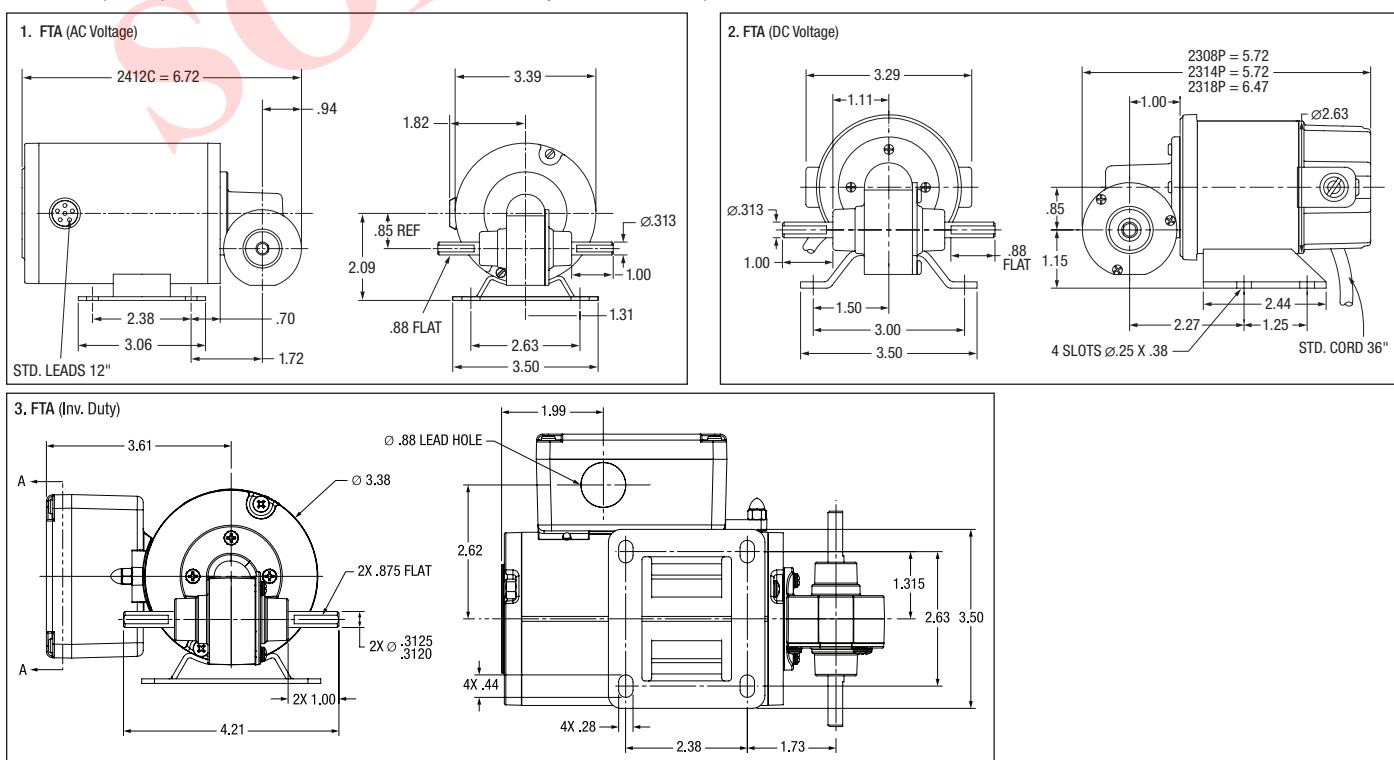
Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Speed Range (CT)	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage	Notes (a)	Drawing Number
Three Phase - Inverter Duty													
85	13	28 - 128	1/25	20	1.3	IDGM2401	505	E2	7	2416M-FTA	230	77	3
170	9	57 - 255	1/25	10	1.3	IDGM2402	505	E2	7	2416M-FTA	230	77	3
340	5	113 - 510	1/25	5	1.3	IDGM2403	505	E2	7	2416M-FTA	230	77	3

Permanent Magnet DC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage D.C. Armature	Voltage	Notes (a)	Drawing Number
90 VDC													
87	7.5	1/50	20	1.3	GP231003	407	DS	5	2308P-FTA	90	0.34		2
140	11	1/25	12	1.3	GP231002	439	DS	5	2314P-FTA	90	0.54		2
312	6	1/17	8	1.3	GP231001	439	DS	5	2314P-FTA	90	0.62		2
344	5.1	1/25	5	1.3	GP232001	439	DS	5	2314P-FTA	90	0.49		2

(a) See notes on inside back flap.

ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.





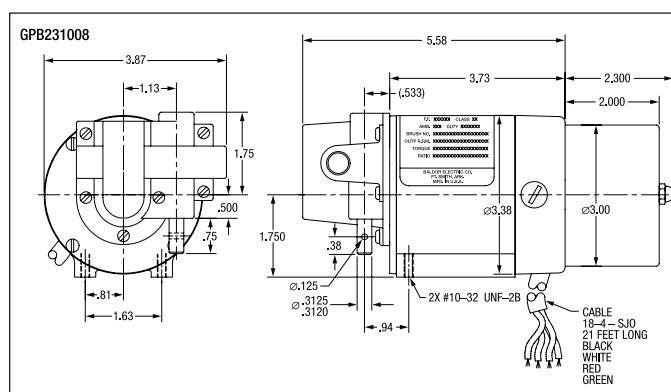
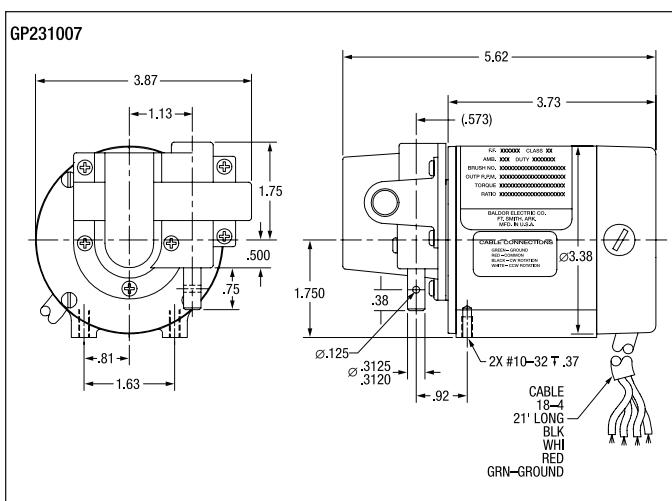
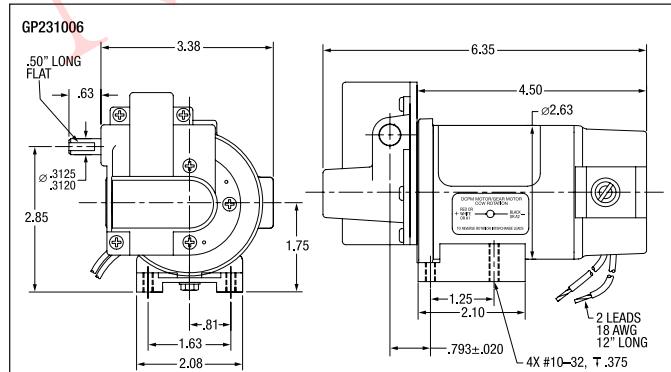
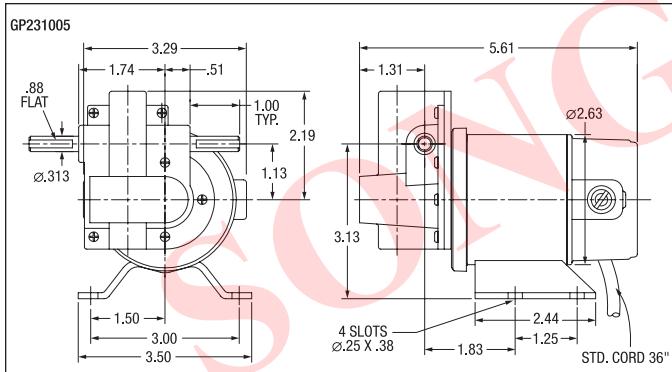
GP231005 Shown
GNA Style

Permanent Magnet DC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Armature Voltage	Full Load Amperage Armature	Notes (a)
90 VDC												
8	15	1/97	225	1.3	GP231005	427	DS	5	2308P-GNA	90	0.19	
115 VDC												
2	15	1/30	1200	1.3	GP231006	438	DS	8	2314P-GNA	115	0.12	
115 VAC Wound Field												
50	10	1/28	132	1.3	GP231007	684	DS	5	2308D-GNA	115	0.92	
115 VAC Wound Field with Brake												
60	10	1/28	132	1.3	GPB231008	722	DS	10	2308D-GNA	115	0.86	

(a) See notes on inside back flap.

ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.





GP232004 Shown
DA Style

Fixed Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Enclosure	Voltage	Notes (b)	Drawing Number
Single Phase - Permanent Split Capacitor													
12/14	40	1/40	117	60	GC24208	540	DS	10	2412C-DB	TENV	115	19,78	1

Variable Speed AC

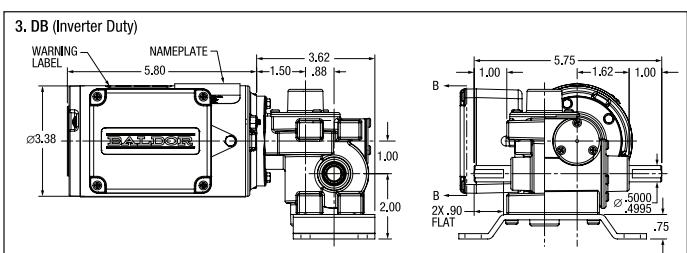
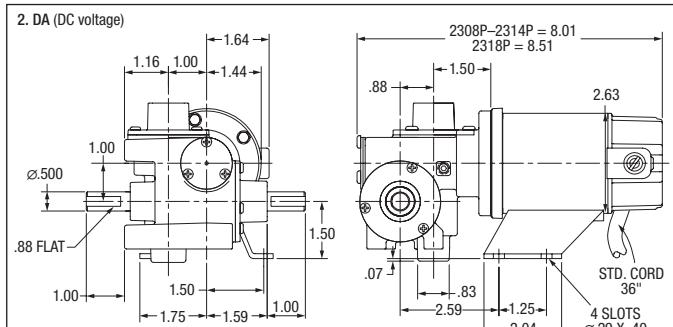
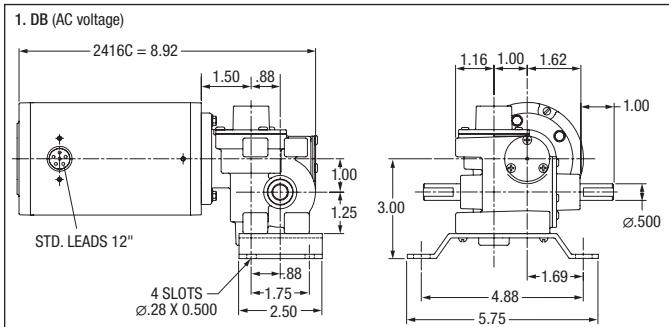
Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Speed Range (CT)	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage	Notes (b)	Drawing Number
Three Phase - Inverter Duty													
5	75	2 - 8	1/20	310	60	IDGM2301	660	E2	10	2416M-DB	230	77	1
18	75	6 - 27	1/20	90	60	IDGM2302	660	E2	10	2416M-DB	230	77	1

Permanent Magnet DC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage D.C. Armature	Voltage	Notes (b)	Drawing Number
90 VDC													
2	75	1/66	1100	60	GP232004	606	DS	7	2308P-DA	90	0.18		2
4	75	1/49	660	60	GP232005	606	DS	7	2308P-DA	90	0.34		2
9	66	1/27	310	60	GP232006	606	DS	7	2314P-DA	90	0.44		2
20	64	1/15	130	60	GP232007	632	DS	7	2314P-DA	90	0.68		2
180 VDC													
2	75	1/83	1100	60	GP233020	632	DS	7	2314P-DA	180	.11		2
4	75	1/31	660	60	GP233029	632	DS	7	2314P-DA	180	.20		2
9	66	1/22	310	60	GP233028	632	DS	7	2314P-DA	180	.26		2
20	64	1/20	130	60	GP233027	660	DS	7	2314P-DA	180	.31		2

(a) Vertical motor below gearhead not recommended. Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear. (b) See notes on inside back flap.

ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are the common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.




Features:

- Double reduction worm gearing delivers high torque in a compact package
- Internal oil expansion bladder improves seal life and oil retention
- Integral mounting feet for ease of installation
- Bronze gearing with hardened and precision ground worm form smooth torque transmission
- Permanently lubricated with synthetic grease for long service life

Fixed Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Enclosure	Voltage	Notes (b)	Drawing Number
Single Phase - Permanent Split Capacitor													
8/9	175	1/13	180	95	GC24314	690	DS	14	2416C-EB	TENV	115	19,78	1
13/16	100	1/20	100	95	GC24312	690	DS	12	2416C-EB	TENV	115	19,78	1
Three Phase													
2	175	1/12	1200	95	GM25021	730	DS	15	2516M-EB	TENV	208/230-460	33	2
11	125	1/12	150	95	GM25016	730	DS	15	2516M-EB	TENV	208/230-460	33	2

Variable Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Speed Range (CT)	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage	Notes (b)	Drawing Number
Three Phase - Inverter Duty													
9	175	3 - 14	1/12	180	95	IDGM2512	840	E2	15	2512M-EB	230	77	2
17	125	6 - 25	1/12	100	95	IDGM2511	840	E2	15	2512M-EB	230	77	2

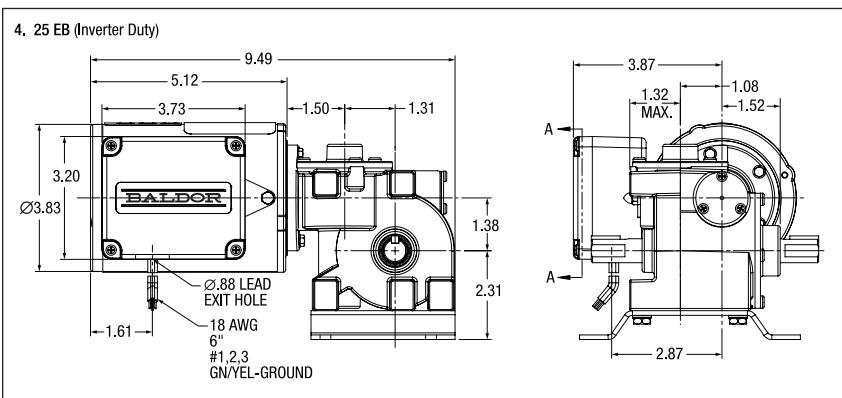
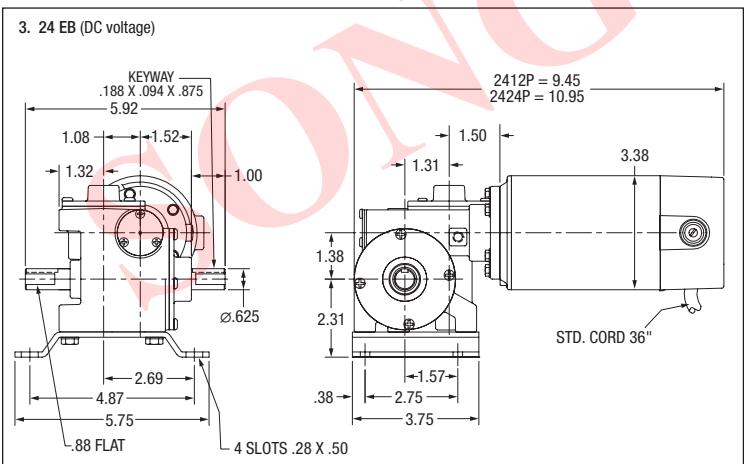
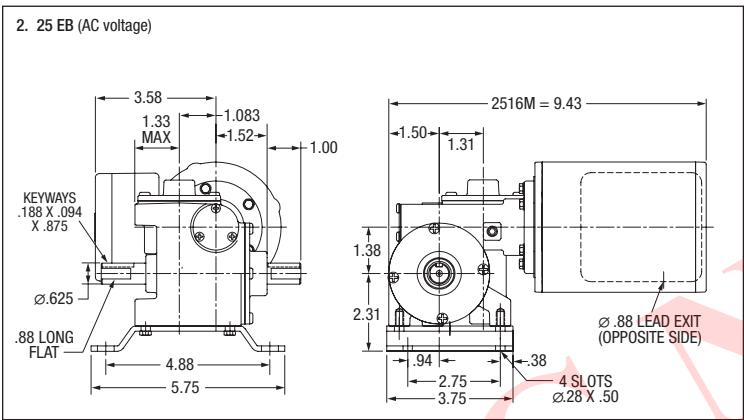
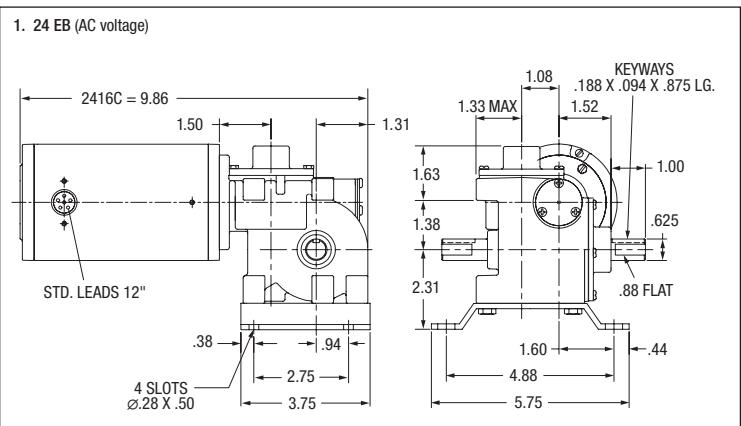
Permanent Magnet DC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage D.C.	Voltage Armature	Notes (b)	Drawing Number
90 VDC													
6	150	1/8	600	95	GP7304	889	DS	13	2412P-EB	90	1.00		3
20	175	1/4	180	95	GP7409	848	DS	15	2424P-EB	90	2.00		3
180 VDC													
20	175	1/4	180	95	GP7429	875	DS	15	2424P-EB	180	1.00		3

(a) Vertical motor below gearhead not recommended. Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

(b) See notes on inside back flap.

ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.





GC24310 Shown
BB Style



GM3329 Shown
BA Style

Features:

- Internal oil expansion bladder improves seal life and oil retention
- Integral mounting feet for ease of installation
- Bronze gearing with hardened and precision ground worm form smooth torque transmission
- Permanently lubricated with synthetic oil for long service life

Fixed Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Enclosure	Voltage	Notes (b)	Drawing Number
Single Phase - Permanent Split Capacitor													
23/28	40	1/15	60	40	GC24313	503	DS	10	2418C-BB	TENV	115	19,78	1
35/43	37	1/15	40	40	GC24310	503	DS	10	2418C-BB	TENV	115	19,78	1
46/56	32	1/15	30	30	GC24305	503	DS	10	2418C-BB	TENV	115	19,78	1
70/85	29	1/15	20	26	GC24306	503	DS	10	2418C-BB	TENV	115	19,78	1
93/113	24	1/15	15	18	GC24304	503	DS	10	2418C-BB	TENV	115	19,78	1
140/170	18	1/15	10	9	GC24302	503	DS	10	2418C-BB	TENV	115	19,78	1
Three Phase													
95/115	30	1/12	15	18	GM25026	542	DS	12	2516M-BA	TENV	190/380/230/460	19	2
143/174	30	1/8	10	9	GM25024	558	DS	13	2516M-BA	TENV	190/380/230/460	19	3
285/345	15	1/8	5	5	GM25022	558	DS	13	2516M-BA	TENV	190/380/230/460	19	3
230	27	1/6	15	18	GM3329	703	DS	11	2512M-BA	TEFC	208 - 230/460	33	4

Variable Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Speed Range (CT)	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage	Notes (b)	Drawing Number
Three Phase - Inverter Duty													
29	30	10 - 44	1/15	60	40	IDGM2406	612	E2	13	2512M-BB	230	77	6
85	25	28 - 128	1/15	20	26	IDGM2405	612	E2	13	2512M-BB	230	77	6
340	15	113 - 510	1/8	5	5	IDGM2404	612	E2	13	2520M-BB	230	77	6

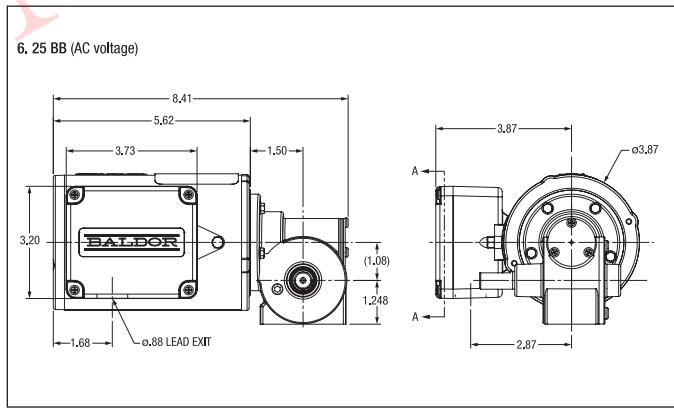
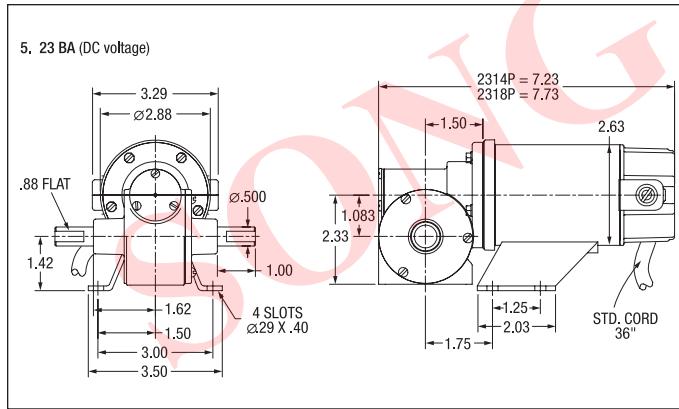
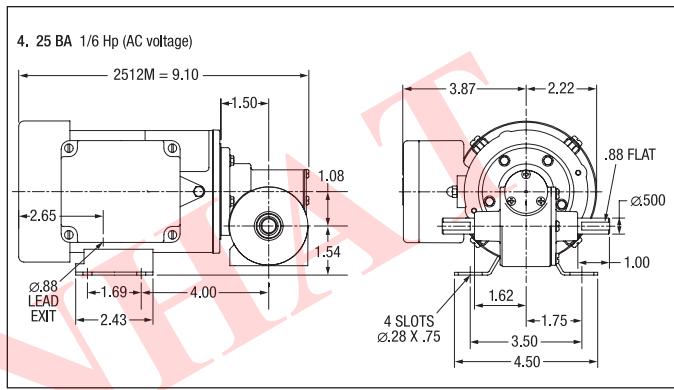
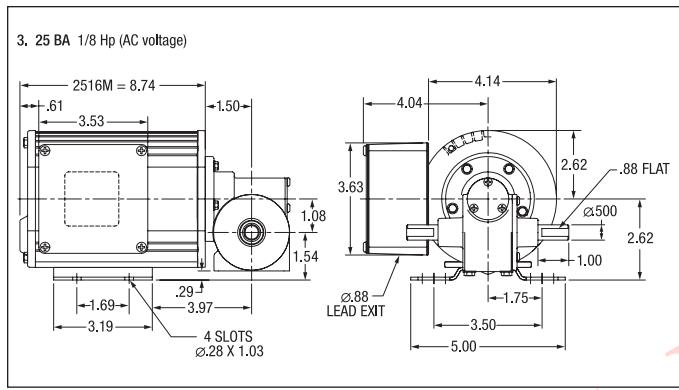
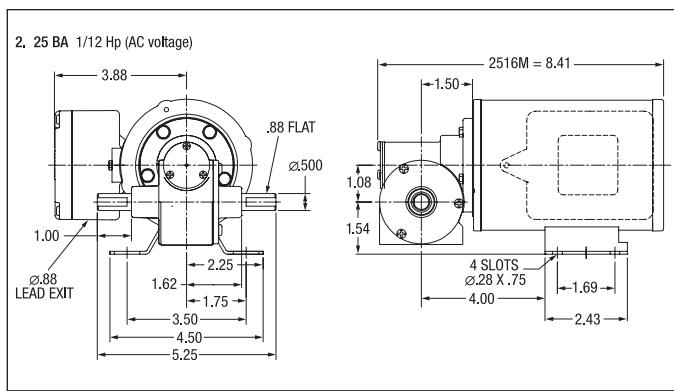
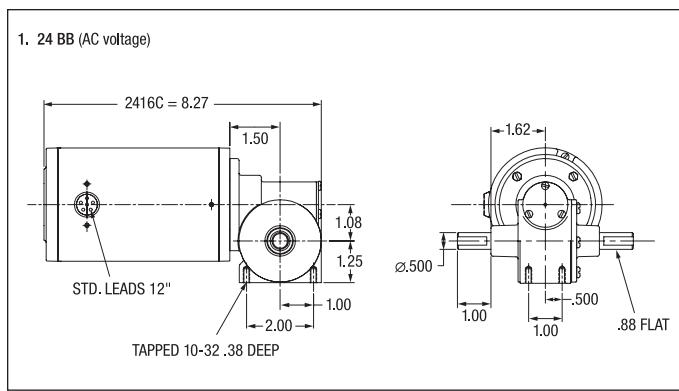
Permanent Magnet DC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage D.C. Armature	Voltage	Notes (b)	Drawing Number
90 VDC													
40	30	1/22	40	40	GP232002	542	DS	7	2314P-BA	90	0.60		5
60	33	1/16	30	30	GP233003	561	DS	8	2318P-BA	90	0.72		5
90	27	1/16	20	26	GP233002	561	DS	7	2318P-BA	90	0.75		5
120	22	1/16	15	18	GP233007	561	DS	7	2318P-BA	90	0.78		5
173	17	1/16	10	9	GP233001	561	DS	7	2318P-BA	90	0.85		5
180 VDC													
60	33	1/16	30	30	GP233023	561	DS	7	2318P-BA	180	0.42		5
86	28	1/14	20	26	GP233022	561	DS	7	2318P-BA	180	0.42		5
175	17	1/13	10	9	GP233021	561	DS	7	2318P-BA	180	0.42		5

(a) Vertical motor below gearhead not recommended. Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

(b) See notes on inside back flap.

ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.



For more information visit baldor.com


Features:

- Double reduction helical worm delivers high torque in a compact package
- Bronze gearing with hardened and precision ground worm first stage
- High efficiency hardened steel helical second stage
- Permanently lubricated with synthetic oil for long service life
- Industry standard mounting previsions and shafting

Fixed Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Enclosure	Voltage	Notes (b)	Drawing Number
Single Phase - Permanent Split Capacitor													
5/6	400	1/6	280	200	GC25280	881	DS	20	2520C-G	TEFC	115	19	1
7/8	385	1/6	190	200	GC25190	881	DS	21	2520C-G	TEFC	115	10,19	1
11/13	300	1/6	120	200	GC25120	881	DS	20	2520C-G	TEFC	115	19	1
17/20	290	1/6	80	200	GC25080	881	DS	15	2520C-G	TEFC	115	19	1
23/27	220	1/6	60	200	GC25060	881	DS	20	2520C-G	TEFC	115	19	1
Three Phase													
5/6	400	1/6	280	200	GM25280	959	DS	12	2516M-G	TEFC	190/380/230/460	19	1
7/9	385	1/6	190	200	GM25190	959	DS	20	2516M-G	TEFC	190/380/230/460	19	1
11/14	375	1/6	120	200	GM25120	959	DS	10	2516M-G	TEFC	190/380/230/460	19	1
17/20	310	1/6	80	200	GM25080	959	DS	20	2516M-G	TEFC	190/380/230/460	19	1
23/28	250	1/6	60	200	GM25060	959	DS	20	2516M-G	TEFC	190/380/230/460	19	1

Variable Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Speed Range (CT)	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage	Notes (b)	Drawing Number
Three Phase - Inverter Duty													
6	400	2 - 9	1/8	280	200	IDGM2515	1036	E2	20	2516M-G	230	77	1
14	375	5 - 21	1/6	120	200	IDGM2514	1036	E2	20	2516M-G	230	77	1
28	250	9 - 42	1/6	60	200	IDGM2513	1036	E2	20	2516M-G	230	77	1

Permanent Magnet DC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage D.C. Armature	Voltage	Notes (b)	Drawing Number
90 VDC													
6	400	1/8	280	200	GP24280	965	DS	16	2424P-G	90	1.80	2	
9	385	1/8	190	200	GP24190	965	DS	16	2424P-G	90	1.80	2	
14	280	1/8	120	200	GP24120	965	DS	16	2424P-G	90	1.80	2	
29	163	1/8	60	200	GP24060	965	DS	16	2424P-G	90	1.80	2	

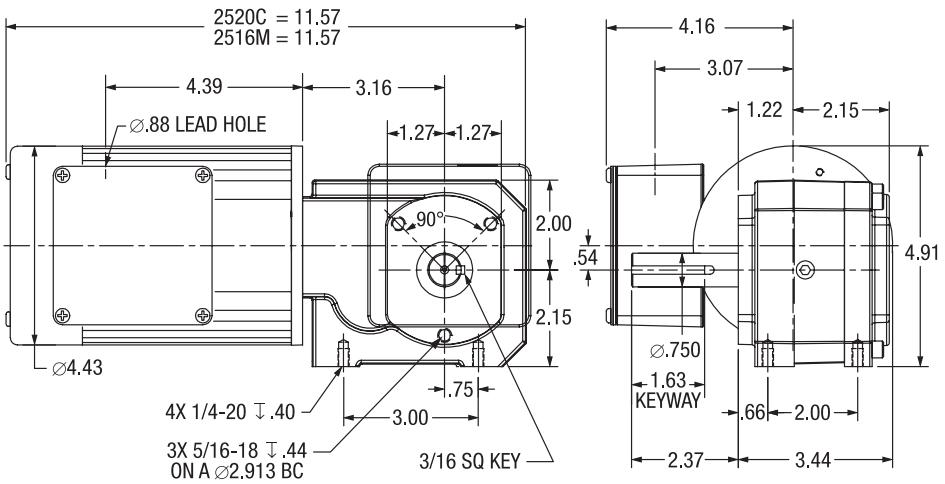
(a) Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

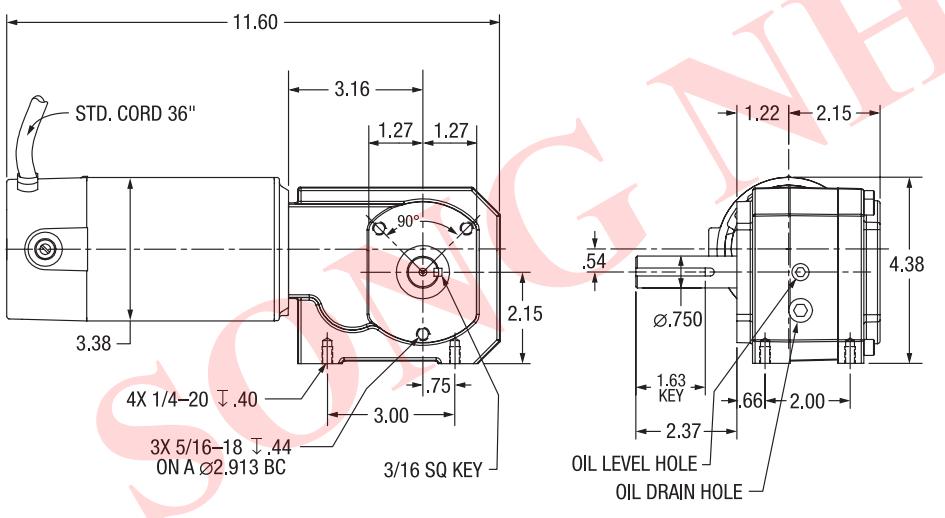
(b) See notes on inside back flap.

ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.

1. G (AC voltage)



2. G (DC voltage)




Features:

- Internal oil expansion bladder improves seal life and oil retention
- Integral mounting feet with industry standard dimensions for ease of installation
- Bronze gearing with hardened and ground worm for smooth torque transmission
- Permanently lubricated with synthetic oil for long service life

Fixed Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Enclosure	Voltage	Notes (b)	Drawing Number
Single Phase - Permanent Split Capacitor													
23/28	45	1/15	60	120	GC24307	537	DS	11	2416C-KA	TEFC	110/115	19	1
35/42	49	1/15	40	120	GC24308	537	DS	11	2416C-KA	TEFC	110/115	10,19	1
34/41	90	1/8	40	120	GC25004	635	DS	16	2520C-KA	TEFC	110/115	19	2
33/41	130	1/6	40	120	GC3320	701	DS	15	2524C-K	TEFC	110/115	19	3
46/55	78	1/8	30	120	GC25006	635	DS	16	2520C-KA	TEFC	110/115	10,19	2
68/83	32	1/15	20	120	GC24309	537	DS	11	2416C-KA	TEFC	110/115	10,19	1
69/82	57	1/8	20	120	GC25007	635	DS	16	2520C-KA	TEFC	110/115	19	2
67/82	75	1/6	20	120	GC3321	701	DS	15	2524C-K	TEFC	110/115	19	3
135/165	18	1/15	10	120	GC24311	537	DS	11	2416C-KA	TEFC	110/115	10,19	1
130/160	33	1/8	10	120	GC25008	635	DS	16	2520C-KA	TEFC	110/115	19	2
135/165	43	1/6	10	120	GC3322	701	DS	15	2524C-K	TEFC	110/115	19	3
265/320	23	1/6	5	120	GC3324	701	DS	15	2524C-K	TEFC	110/115	19	3
Single Phase - Split Phase													
36/43	90	1/8	40	120	GC25009	635	DS	17	2420S-KA	TEFC	110/115	19	1
48/57	78	1/8	30	120	GC25011	635	DS	15	2420S-KA	TEFC	110/115	10,19	1
71/86	57	1/8	20	120	GC25012	635	DS	15	2420S-KA	TEFC	110/115	19	1
140/170	33	1/8	10	120	GC25014	635	DS	15	2520S-KA	TEFC	110/115	19	2
Single Phase - Capacitor Start Induction Run													
35/42	130	1/6	40	120	GL3326	701	DS	18	2528L-K	TEFC	110/115	19	4
71/85	75	1/6	20	120	GL3327	701	DS	21	2528L-K	TEFC	110/115	19	4
135/165	43	1/6	10	120	GL3328	701	DS	21	2528L-K	TEFC	110/115	19	4
280/335	23	1/6	5	120	GL3329	701	DS	18	2528L-K	TEFC	110/115	19	4
Three Phase													
35/43	170	1/4	40	120	GM3340	848	DS	16	2524M-K	TEFC	190/380/230/460	19	3
70/85	112	1/4	20	120	GM3345	848	DS	16	2524M-K	TEFC	190/380/230/460	19	3
140/170	72	1/4	10	120	GM3347	848	DS	16	2524M-K	TEFC	190/380/230/460	19	3
279/340	36	1/4	5	120	GM3349	848	DS	16	2524M-K	TEFC	190/380/230/460	19	3

(a) Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

(b) See notes on inside back flap.

ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.



Features:

- Internal oil expansion bladder improves seal life and oil retention
- Integral mounting feet with industry standard dimensions for ease of installation
- Bronze gearing with hardened and ground worm for smooth torque transmission
- Permanently lubricated with synthetic oil for long service life

Variable Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Speed Range (CT)	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage	Notes (b)	Drawing Number
Three Phase - Inverter Duty													
22	315	7 - 33	3/8	75	120	IDGM2509	868	E2	17	2528M-K	230	77	3
28	252	9 - 42	3/8	60	120	IDGM2508	868	E2	17	2528M-K	230	77	3
41	228	14 - 62	3/8	40	120	IDGM2506	868	E2	17	2528M-K	230	77	3
83	138	28 - 125	3/8	20	120	IDGM2503	868	E2	17	2528M-K	230	77	3
165	105	55 - 248	3/8	10	120	IDGM2501	868	E2	17	2528M-K	230	77	3
330	68	110 - 495	3/8	5	120	IDGM2500	868	E2	17	2528M-K	230	77	3

Permanent Magnet DC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage D.C. Armature	Voltage	Notes (b)	Drawing Number
90 VDC													
43	73	1/12	40	73	GP12511	690	DS	10	2416P-K	90	1.00		5
43	135	1/6	40	135	GP13530	725	DS	13	2428P-K	90	1.73		5
57	111	1/6	30	111	GP13531	725	DS	13	2428P-K	90	1.73		5
86	39	1/12	20	39	GP12512	690	DS	10	2416P-K	90	1.00		5
88	88	1/6	20	88	GP13532	725	DS	13	2428P-K	90	1.73		5
173	22	1/12	10	22	GP12514	690	DS	10	2416P-K	90	0.90		5
173	48	1/6	10	48	GP13533	725	DS	13	2428P-K	90	1.73		5
346	10	1/12	5	10	GP12516	690	DS	10	2416P-K	90	0.90		5
346	24	1/6	5	24	GP13536	725	DS	13	2428P-K	90	1.73		5

(a) Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

(b) See notes on inside back flap.

ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.

Definite Purpose Motors

Unit Handling Motors

Brake Motors

IEC Frame Motors

50 Hertz Motors

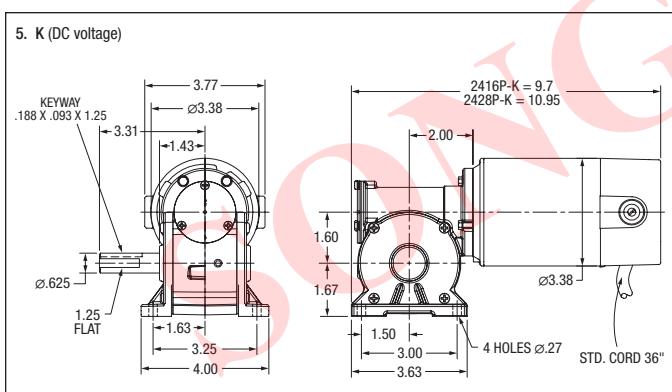
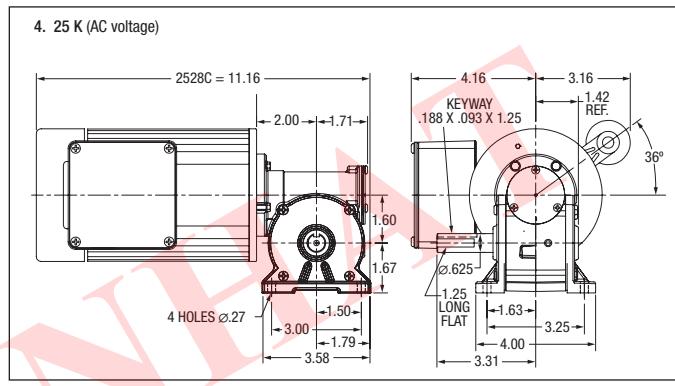
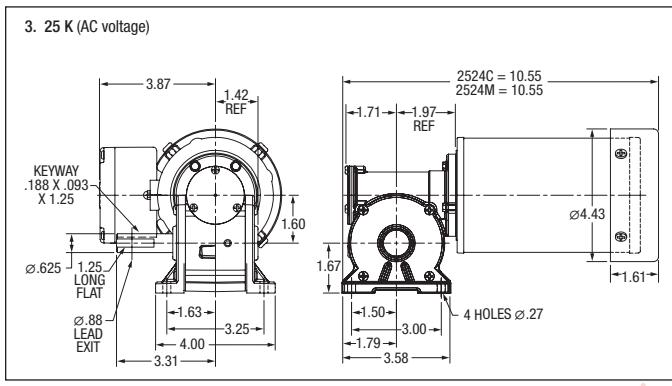
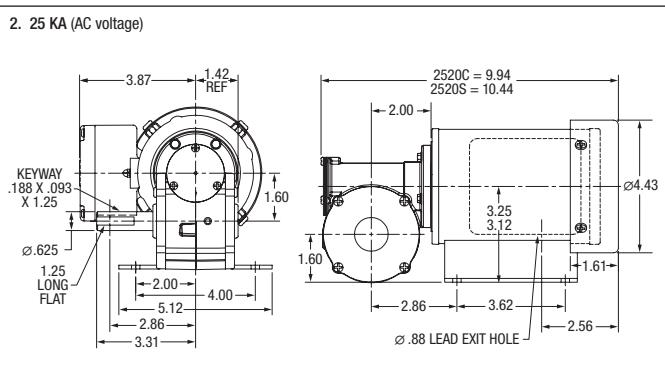
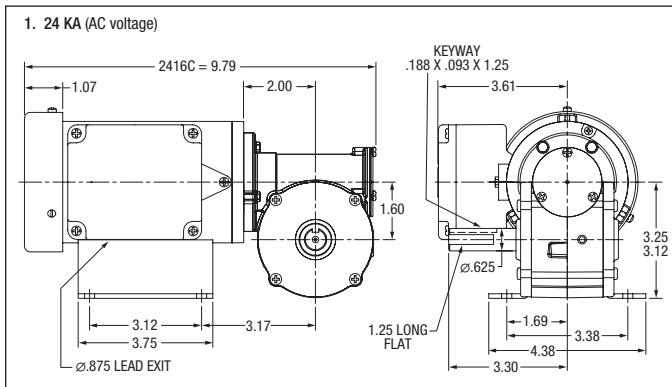
Inverter/Vector Motors & Controls

DC Motors and Controls

Gearmotors and Gear Products

Motor Accessories

Grinders





HK Style

Features:

- Internal oil expansion bladder improves seal life and oil retention
- Bronze gearing with hardened and ground worm for smooth torque transmission
- Permanently lubricated with synthetic oil for long service life
- Industry standard 5/8" hollow bore shaft and mounting previsions

Variable Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Speed Range (CT)	Input Hp	Ratio:1	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage @ 60 Hz	Notes (b)	Drawing Number
Three Phase - Inverter Duty												
22	315	7 - 33	3/8	75	IDGHM2509	998	E2	19	2528M-HK	230	77	1
28	252	9 - 42	3/8	60	IDGHM2508	998	E2	19	2528M-HK	230	77	1
41	228	14 - 62	3/8	40	IDGHM2506	998	E2	19	2528M-HK	230	77	1
55	195	18 - 83	3/8	30	IDGHM2504	998	E2	19	2528M-HK	230	77	1
83	138	28 - 125	3/8	20	IDGHM2503	998	E2	19	2528M-HK	230	77	1
165	105	55 - 248	3/8	10	IDGHM2501	998	E2	19	2528M-HK	230	77	1
330	68	110 - 495	3/8	5	IDGHM2500	998	E2	19	2528M-HK	230	77	1

Permanent Magnet DC

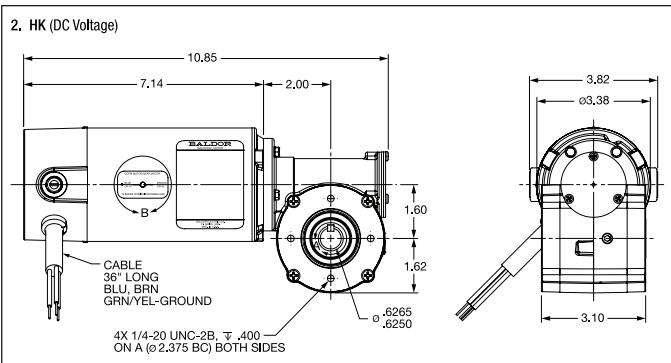
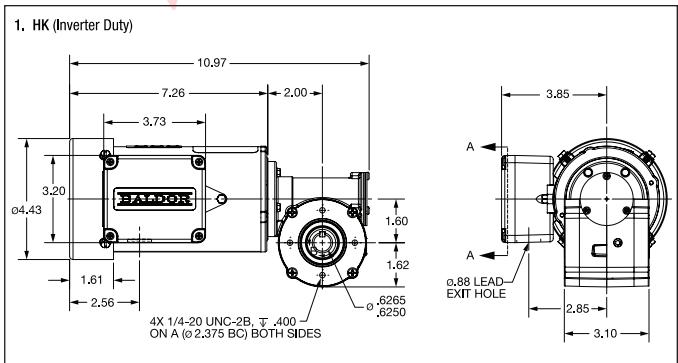
Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage D.C. Armature	Full Load Amperage Armature	Notes (b)	Drawing Number
90 VDC												
43	135	1/6	40	GHP13530	834	DS	12	2428P-HK	90	1.73		2
57	111	1/6	30	GHP13531	834	DS	12	2428P-HK	90	1.73		2
88	88	1/6	20	GHP13532	834	DS	12	2428P-HK	90	1.73		2
173	48	1/6	10	GHP13533	834	DS	12	2428P-HK	90	1.73		2
346	24	1/6	5	GHP13536	834	DS	12	2428P-HK	90	1.73		2

(a) Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

(b) See notes on inside back flap.

ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.



Definite Purpose Motors

Unit Handling Motors

Brake Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Gearmotors and Gear Products

Motor Accessories

Grinders



Features:

- Internal oil expansion bladder improves seal life and oil retention
- Integral mounting feet for ease of installation
- Bronze gearing with hardened and ground worm for smooth torque transmission
- Permanently lubricated with synthetic oil for long service life

Fixed Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Enclosure	Voltage	Notes (b)	Drawing Number
Single Phase - Permanent Split Capacitor													
23/28	75	1/12	58	65	GC24322	540	DS	13	2420C-CB	TENV	110/115	19,78	1
41/50	62	1/12	33	65	GC24320	540	DS	13	2420C-CB	TENV	110/115	19,78	1
60/71	49	1/12	22	65	GC24318	540	DS	13	2420C-CB	TENV	110/115	19,78	1
123/148	25	1/12	11	40	GC24316	540	DS	13	2420C-CB	TENV	110/115	19,78	1
Three Phase													
156	42	1/6	23	65	GM3331	738	DS	13	2512M-CA	TENV	208/230-460	33	2

Permanent Magnet DC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage D.C. Armature	Voltage	Notes (b)	Drawing Number
90 VDC													
22	45	1/25	72	65	GP231004	542	DS	8	2314P-CB	90	0.53		3
30	38	1/25	58	65	GP232003	542	DS	8	2314P-CB	90	0.53		3
38	57	1/16	45	65	GP233006	561	DS	8	2318P-CB	90	0.80		3
52	48	1/16	33	65	GP233005	561	DS	8	2318P-CB	90	0.75		3
76	33	1/16	23	65	GP233004	561	DS	8	2318P-CB	90	0.85		3
180 VDC													
41	57	1/16	45	65	GP233026	561	DS	8	2318P-CB	180	0.42		3
53	48	1/16	33	65	GP233025	561	DS	8	2318P-CB	180	0.40		3
20	76	1/14	23	65	GP233024	561	DS	8	2318P-CB	180	0.42		3

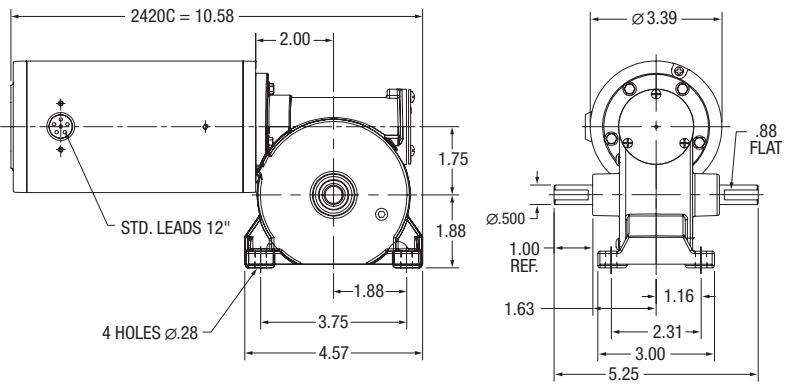
(a) Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

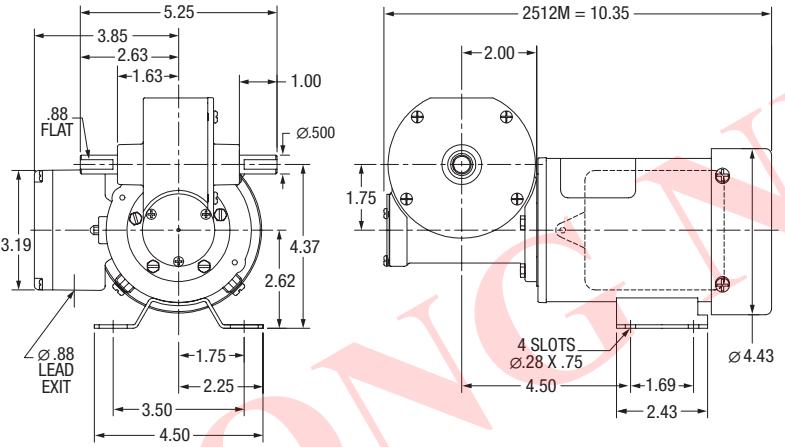
(b) See notes on inside back flap.

ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.

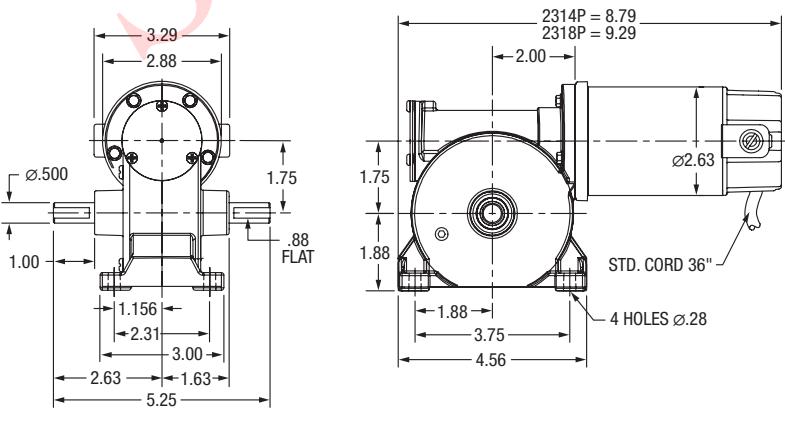
1. 24 CB (AC voltage)



2. 25 CA (AC voltage)



3. 23 CB (DC voltage)




Features:

- Internal oil expansion bladder improves seal life and oil retention
- Integral mounting feet for ease of installation
- Bronze gearing with hardened and ground worm for smooth torque transmission
- Permanently lubricated with synthetic oil for long service life

Fixed Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Enclosure	Voltage	Notes (b)	Drawing Number
Single Phase - Permanent Split Capacitor													
30/37	125	1/8	45	125	GC25020	643	DS	16	2524S-JK	TEFC	115	19,20	1
43/50	10	1/8	33	125	GC25015	643	DS	16	2524S-JK	TEFC	115	19,20	1
62/74	79	1/8	23	125	GC25010	643	DS	16	2524S-JK	TEFC	115	19,20	1
74	152	1/4	23	125	GC3330	701	DS	26	3324S-JK	TEFC	115	33	2
126/152	41	1/8	11	125	GC25005	643	DS	16	2524S-JK	TEFC	115	19,20	1
151	70	1/4	11	125	GC3325	701	DS	26	3324S-JK	TEFC	115	33	2
Three Phase													
34	256	1/3	50	125	GM2507	867	DS	18	2528M-JH	TEFC	208-230/460	20,33	4
35	295	1/2	50	125	GM3307	873	DS	26	3320M-JH	TEFC	208-230/460	33	5
38	125	1/6	40	125	GM3337	852	DS	16	2520M-JK	TEFC	208-230/460	20,33	3
42	230	1/3	40	125	GM2506	867	DS	18	2528M-JH	TEFC	208-230/460	20,33	4
44	280	1/2	40	125	GM3306	873	DS	26	3320M-JH	TEFC	208-230/460	33	5
104	75	1/4	33	125	GM3338	852	DS	16	2520M-JK	TEFC	208-230/460	20,33	3
75	85	1/6	23	125	GM3334	852	DS	15	2520M-JK	TEFC	208-230/460	20,33	3
84	155	1/3	20	125	GM2503	867	DS	18	2528M-JH	TEFC	208-230/460	20,33	4
88	200	1/2	20	125	GM3303	873	DS	27	3320M-JH	TEFC	208-230/460	33	5
168	90	1/3	10	125	GM2501	867	DS	18	2528M-JH	TEFC	208-230/460	20,33	4
175	135	1/2	10	125	GM3301	873	DS	26	3320M-JH	TEFC	208-230/460	33	5

Variable Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Speed Range (CT)	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage	Notes (b)	Drawing Number
Three Phase - Inverter Duty													
29	413	10 - 44	1/2	60	125	IDGM3303	942	E2	28	3324M-JH	230	20,77	5
58	355	19 - 86	1/2	30	125	IDGM3302	942	E2	28	3324M-JH	230	20,77	5
170	230	57 - 255	3/4	10	125	IDGM3301	961	E2	30	3332M-JH	230	20,77	5
340	125	113 - 510	3/4	5	125	IDGM3300	961	E2	30	3332M-JH	230	20,77	5

(a) Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

(b) See notes on inside back flap.

ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.



GM2503 Shown
JH Style

Features:

- Internal oil expansion bladder improves seal life and oil retention
- Integral mounting feet for ease of installation
- Bronze gearing with hardened and ground worm for smooth torque transmission
- Permanently lubricated with synthetic oil for long service life

Permanent Magnet DC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage D.C. Armature	Voltage	Notes (b)	Drawing Number
90 VDC													
30	120	1/8	58	125	GP7404	770	DS	13	2424P-JK	90	1.3	20	6
48	150	1/3	50	125	GP2507	944	DS	21	2532P-JH	90	3.4	20	7
50	234	1/2	50	125	GP3307	1,096	DS	30	3327P-JH	90	5	20	8
38	100	1/8	45	125	GP7403	770	DS	14	2424P-JK	90	1.3	20	6
50	120	1/5	45	125	GP7408	770	DS	14	2428P-JK	90	2	20	6
76	100	1/4	45	125	GP7407	770	DS	14	2428P-JK	90	2.5	20	6
62	137	1/3	40	125	GP2506	944	DS	21	2532P-JH	90	3.4	20	7
63	215	1/2	40	125	GP3306	1,096	DS	30	3327P-JH	90	5	20	8
52	75	1/8	33	125	GP7402	770	DS	14	2424P-JK	90	1.3	20	6
68	112	1/4	33	125	GP7405	770	DS	14	2428P-JK	90	2.5	20	6
104	75	1/4	33	125	GP7406	770	DS	14	2428P-JK	90	2.5	20	6
75	60	1/8	23	125	GP7401	770	DS	14	2424P-JK	90	1.3	20	6
123	95	1/3	20	125	GP2503	944	DS	21	2532P-JH	90	3.4	20	7
125	145	1/2	20	125	GP3303	1,096	DS	30	3327P-JH	90	5	20	8
173	32	1/8	11	125	GP7400	770	DS	14	2424P-JK	90	1.3	20	6
245	65	1/3	10	125	GP2501	944	DS	21	2532P-JH	90	3.4	20	7
250	100	1/2	10	125	GP3301	1,096	DS	30	3327P-JH	90	5	20	8
314	32	1/4	8	125	GP7413	770	DS	14	2428P-JK	90	2.5	20	6
180 VDC													
30	120	1/8	58	125	GP7424	770	DS	14	2420P-JK	180	0.64	20	6
38	100	1/8	45	125	GP7423	770	DS	14	2420P-JK	180	0.64	20	6
50	120	1/5	45	125	GP7428	770	DS	14	2428P-JK	180	1.1	20	6
68	135	1/4	45	125	GP7425	770	DS	14	2428P-JK	180	1.3	20	6
76	100	1/4	45	125	GP7427	770	DS	14	2428P-JK	180	1.3	20	6
52	75	1/8	33	125	GP7422	770	DS	14	2420P-JK	180	0.64	20	6
104	75	1/4	33	125	GP7426	770	DS	14	2428P-JK	180	1.3	20	6
78	60	1/8	23	125	GP7421	770	DS	14	2420P-JK	180	0.64	20	6
173	32	1/8	11	125	GP7420	770	DS	14	2424P-JK	180	0.65	20	6
314	32	1/4	11	125	GP7433	770	DS	14	2428P-JK	180	1.3	20	6

(a) Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

(b) See notes on inside back flap.

ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.

Definite Purpose Motors

Unit Handling Motors

Brake Motors

IEC Frame Motors

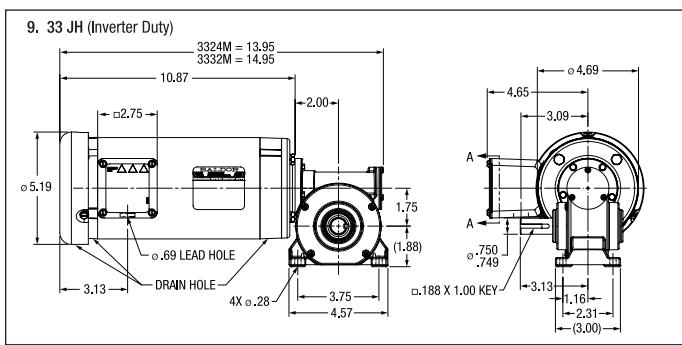
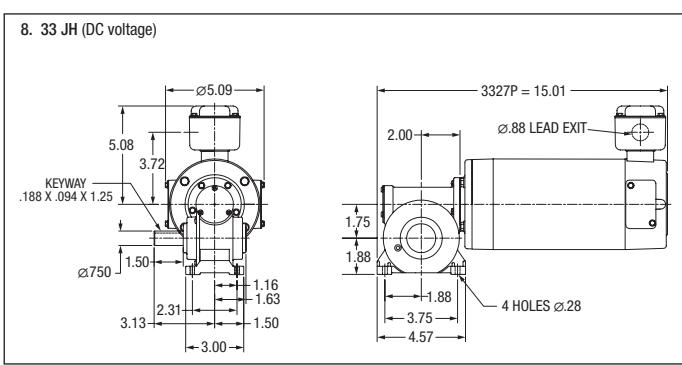
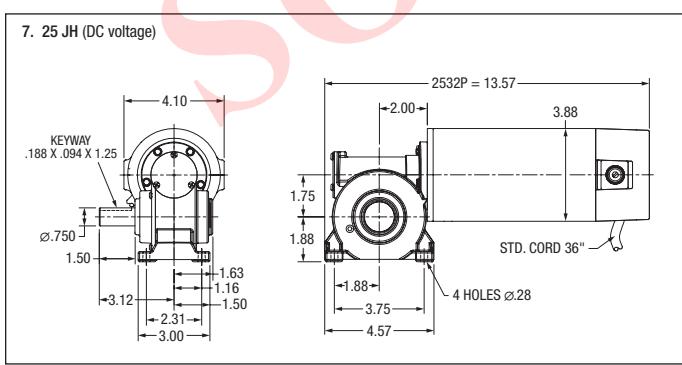
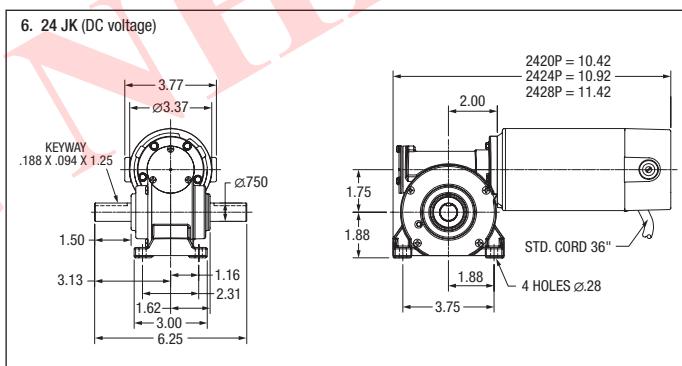
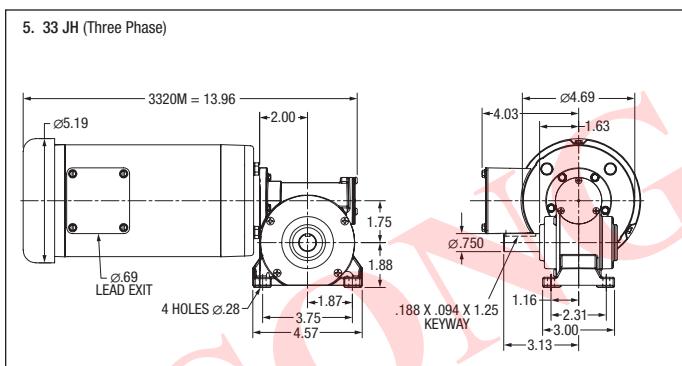
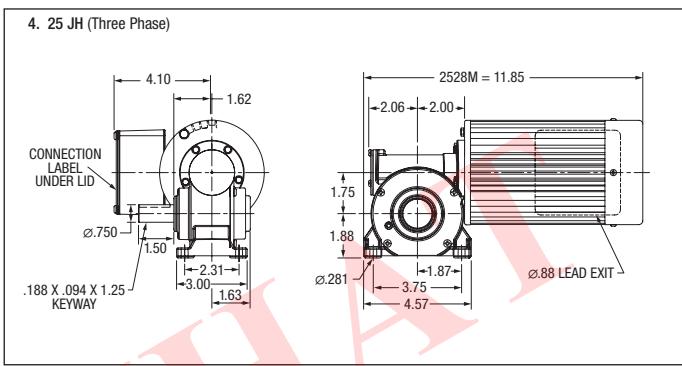
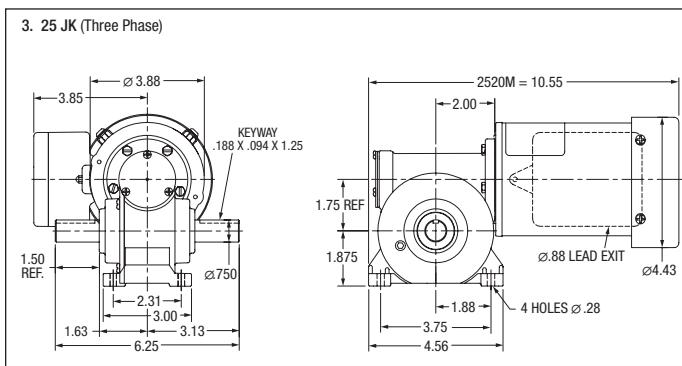
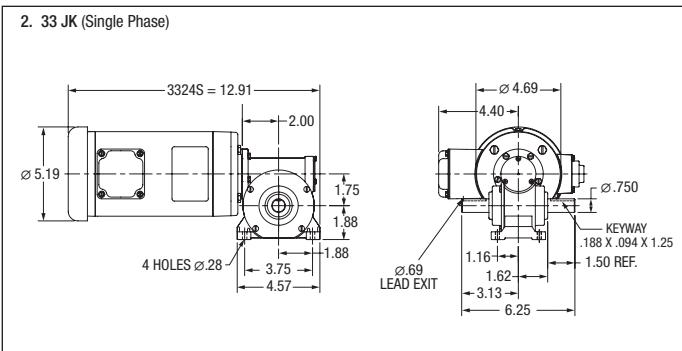
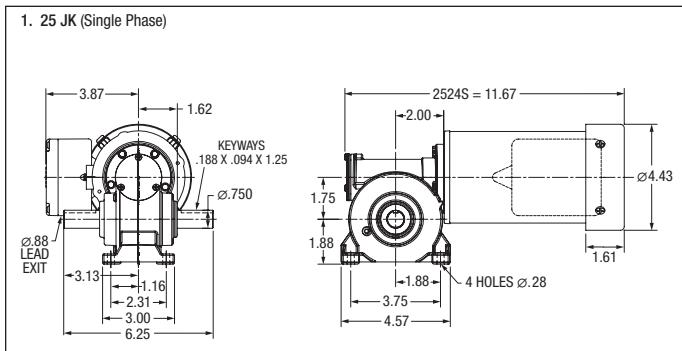
50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls Gear Products

Motor Accessories

Grinders





GPF13517 Shown
JAF Style

Features:

- Internal oil expansion bladder improves seal life and oil retention
- Bronze gearing with hardened and ground worm for smooth torque transmission
- Permanently lubricated with synthetic oil for long service life
- Integral output flange for ease of mounting in tight spaces

Permanent Magnet DC

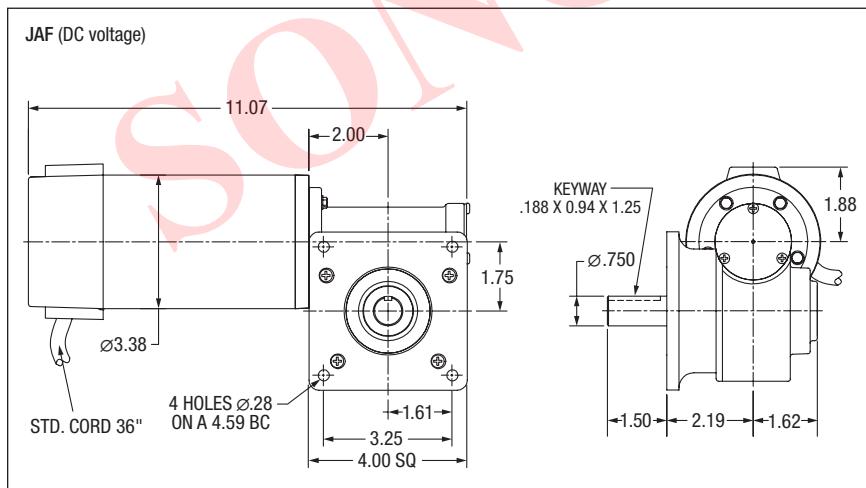
Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage D.C. Armature	Full Load Amperage Armature	Notes (b)
90 VDC												
111	96	1/4	23	125	GPF13516	799	DS	15	2428P-JAF	90	2.60	
76	110	1/4	22	125	GPF13517	799	DS	15	2428P-JAF	90	2.20	
167	69	1/4	15	125	GPF13515	799	DS	15	2428P-JAF	90	2.50	
312	38	1/4	8	125	GPF13514	799	DS	15	2428P-JAF	90	2.50	
180 VDC												
76	88	1/5	33	125	GPF13532	799	DS	15	135-JAF	180	1.00	
167	55	1/5	15	125	GPF13530	799	DS	15	135-JAF	180	1.00	

(a) Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

(b) See notes on inside back flap.

ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.





GHL and GHM Shown
H Style

Features:

- Internal oil expansion bladder improves seal life and oil retention
- Bronze gearing with hardened and ground worm for smooth torque transmission
- Permanently lubricated with synthetic oil for long service life
- Industry standard 1.00" hollow bore shaft with torque arm included

Fixed Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Enclosure	Voltage	Notes (b)
Single Phase - Capacitor Start Induction Run											
29	600	1/2	60	GHL35060	1123	DS	45	3421L-H	TEFC	115/230	10,33
58	350	1/2	30	GHL35030	1123	DS	45	3421L-H	TEFC	115/230	10,33
58	750	1	30	GHL31030	1379	DS	55	3524L-H	TEFC	115/230	10,33
88	250	1/2	20	GHL35020	1123	DS	45	3421L-H	TEFC	115/230	10,33
88	550	1	20	GHL31020	1379	DS	55	3524L-H	TEFC	115/230	10,33
175	150	1/2	10	GHL35010	1123	DS	45	3421L-H	TEFC	115/230	33
175	300	1	10	GHL31010	1379	DS	55	3524L-H	TEFC	115/230	10,33
Single Phase - Capacitor Start Capacitor Run											
58	550	3/4	30	GHL37530	1208	DS	50	3428LC-H	TEFC	115/230	10,33
88	420	3/4	20	GHL37520	1208	DS	50	3428LC-H	TEFC	115/230	10,33
175	230	3/4	10	GHL37510	1208	DS	50	3428LC-H	TEFC	115/230	10,33
Three Phase											
29	600	1/2	60	GHM35060	1083	DS	40	3416M-H	TEFC	230/460	30,33
35	609	1/2	50	GHM35050	1083	DS	40	3416M-H	TEFC	230/460	10,30,33
44	528	1/2	40	GHM35040	1083	DS	27	3416M-H	TEFC	230/460	30,33
58	350	1/2	30	GHM35030	1083	DS	40	3416M-H	TEFC	230/460	30,33
58	550	3/4	30	GHM37530	1114	DS	42	3420M-H	TEFC	208-230/460	33
58	750	1	30	GHM31030	1114	DS	48	3426M-H	TEFC	208-230/460	33
87	200	1/2	20	GHM35020	1083	DS	40	3416M-H	TEFC	230/460	10,30,33
88	420	3/4	20	GHM37520	1114	DS	42	3420M-H	TEFC	208-230/460	33
88	550	1	20	GHM31020	1114	DS	45	3426M-H	TEFC	208-230/460	33
174	135	1/2	10	GHM35010	1083	DS	40	3416M-H	TEFC	230/460	30,33
175	230	3/4	10	GHM37510	1114	DS	42	3420M-H	TEFC	208-230/460	10,33
175	300	1	10	GHM31010	1214	DS	45	3426M-H	TEFC	208-230/460	1,33

(a) Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

(b) See notes on inside back flap.

ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.

H Gearbox Accessories



Baldor offers optional base and shaft kits for H style gearmotors. Adding a base and shaft kit allows them to be used in applications requiring a rightangle shaft extension. The shaft can be used for either right or left hand output applications.

Catalog Number	Description	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.
B19H71	Horiz Base Kit	82	A8	1
SH10HS	Output Shaft Kit	26	A8	2
TA05HK	Torque Arm Kit	125	A8	2



GCP24114 Shown
PSSH Style

Features:

- Induction hardened helical and spur gears for efficient torque transmission
- Ball and needle bearing construction for increased torque and overhung load capabilities
- Permanently lubricated with synthetic oil for long service life
- Industry standard dimensions for ease of installation

Fixed Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	(a) List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Enclosure	Voltage	Notes (b)	Drawing Number
Single Phase - Permanent Split Capacitor													
1/1.5	142	1/100	1320	125	GCP24369	595	DS	10	2408C-PSSH	TENV	115	19,20,78	2
2/2.5	144	1/100	720	125	GCP24702	595	DS	10	2408C-PSSH	TENV	115	10,19,20,78	2
4/5	142	1/80	320	125	GCP24362	567	DS	10	2412C-PSSH	TENV	115	19,20,78	2
8/9	144	1/80	180	125	GCP24186	567	DS	10	2412C-PSSH	TENV	115	10,19,20,78	2
8/9	120	1/40	180	125	GCP24114	567	DS	10	2412C-PSSH	TENV	115	19,20,78	2
13/16	120	1/20	100	125	GCP24100	561	DS	10	2416C-PSSH	TENV	115	19,20,78	2
15/18	120	1/25	90	125	GCP24122	567	DS	10	2416C-PSSH	TENV	115	19,20,78	2
18/22	120	1/20	75	125	GCP24072	561	DS	10	2416C-PSSH	TENV	115	10,19,20,78	2
23/27	81	1/25	60	125	GCP24124	561	DS	10	2416C-PSSH	TENV	115	19,20,78	1
27/33	103	1/20	50	125	GCP24050	561	DS	10	2416C-PSSH	TENV	115	10,19,20,78	1
35/42	77	1/20	38	125	GCP24037	561	DS	10	2416C-PSSH	TENV	115	10,19,20,78	1
45/55	84	1/12	30	125	GCP24134	561	DS	10	2424C-PSSH	TENV	115	19,20,78	1
54/65	54	1/20	25	100	GCP24026	542	DS	10	2416C-PSSH	TENV	115	10,19,20,78	1
68/83	56	1/12	20	125	GCP24136	540	DS	10	2424C-PSSH	TENV	115	19,20,78	1
82/98	30	1/20	16	100	GCP24017	542	DS	10	2416C-PSSH	TENV	115	19,20,78	1
90/109	43	1/12	15	100	GCP24138	540	DS	10	2424C-PSSH	TENV	115	19,20,78	1
107/128	25	1/20	13	100	GCP24013	542	DS	10	2416C-PSSH	TENV	115	10,19,20,78	1
135/162	20	1/20	10	100	GCP24010	542	DS	10	2416C-PSSH	TENV	115	10,19,20,78	1
136/163	29	1/12	10	100	GCP24140	540	DS	10	2424C-PSSH	TENV	115	19,20,78	1
208/250	13	1/20	7	100	GCP24007	542	DS	10	2416C-PSSH	TENV	115	10,19,20,78	1
270/325	10	1/20	5	100	GCP24005	542	DS	10	2416C-PSSH	TENV	115	10,19,20,78	1
272/326	14	1/12	5	100	GCP24142	540	DS	10	2424C-PSSH	TENV	115	19,20,78	1

Variable Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Speed Range (CT)	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	(a) List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage	Notes (b)	Drawing Number
Three Phase - Inverter Duty													
10	144	3 - 15	1/25	180	125	IDGMP24180	613	E2	11	2412M-PSSH	230	77	3
19	144	6 - 29	1/15	90	125	IDGMP24090	613	E2	11	2416M-PSSH	230	77	3
29	130	9 - 42	1/15	60	125	IDGMP24060	595	E2	11	2416M-PSSH	230	77	3
58	125	18 - 83	1/8	30	125	IDGMP24030	595	E2	10	2424M-PSSH	230	77	3
86	142	28 - 128	1/4	20	100	IDGMP24020	561	E2	10	2524M-PSSH	230	77	3
172	86	56 - 251	1/4	10	100	IDGMP24010	561	E2	10	2524M-PSSH	230	77	3
345	44	112 - 503	1/4	5	100	IDGMP24005	561	E2	10	2524M-PSSH	230	77	3

(a) Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

(b) See notes on inside back flap.

ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.

Definite Purpose Motors
Unit Handling Motors
Brake Motors
Brake Motors

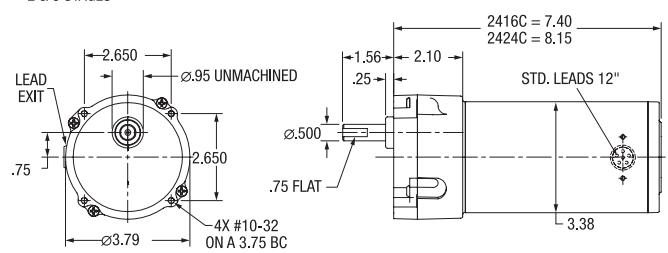
IEC Frame Motors
50 Hertz Motors
Inverter/Vector Motors & Controls

Gearmotors and Gear Products

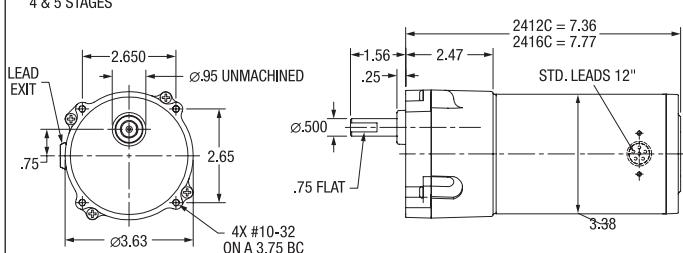
Motor Accessories

Grinders

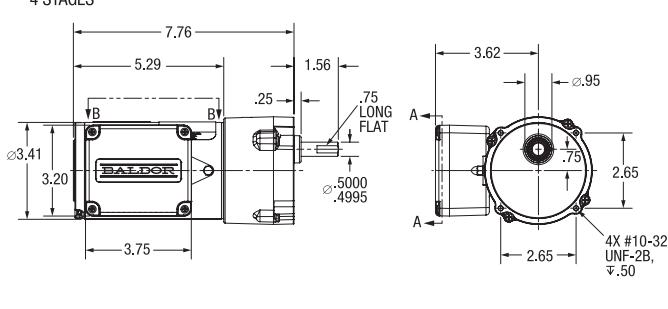
1. 24 - PSSH
2 & 3 STAGES



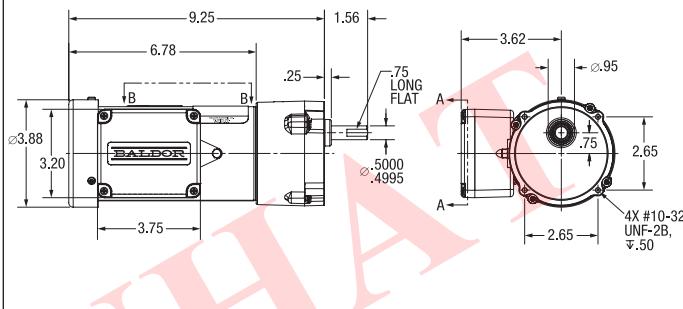
2. 24 - PSSH
4 & 5 STAGES



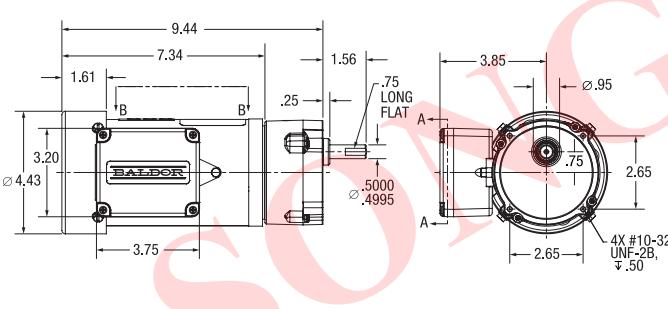
3. 24 - PSSH
4 STAGES



4. 24 - PSSH
3 STAGES



5. 25 - PSSH
2 STAGES



Permanent Magnet DC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage D.C. Armature	Voltage	Notes (b)	Drawing Number
90 VDC													
10	100	1/40	180	125	GPP230186	552	DS	12	2308P-PSSH	90	0.30	10,20	1
9	100	1/45	180	125	GPP231108	552	DS	6	2308P-PSSH	90	0.30	20	1
13	100	1/40	135	125	GPP230139	552	DS	7	2308P-PSSH	90	0.30	20	1
19	118	1/21	90	125	GPP232110	552	DS	7	2314P-PSSH	90	0.50	20	1
25	100	1/20	75	125	GPP230072	542	DS	7	2318P-PSSH	90	0.60	10,20	1
29	40	1/50	60	125	GPP231109	542	DS	6	2308P-PSSH	90	0.30	20	2
30	100	1/20	60	125	GPP233112	542	DS	8	2318P-PSSH	90	0.50	20	2
43	112	1/12	60	125	GPP12505	542	DS	8	2412P-PSSH	90	0.90	20	3
58	83	1/12	44	125	GPP12504	542	DS	8	2412P-PSSH	90	0.90	20	3
49	55	1/20	38	125	GPP230037	542	DS	7	2318P-PSSH	90	0.60	10,20	1
60	50	1/17	30	125	GPP233111	542	DS	8	2318P-PSSH	90	0.50	20	2
71	40	1/20	25	100	GPP230025	537	DS	7	2318P-PSSH	90	0.60	20	2
115	43	1/12	22	100	GPP12503	537	DS	8	2412P-PSSH	90	0.90	20	3
95	30	1/20	20	100	GPP230019	537	DS	7	2318P-PSSH	90	0.60	20	2
120	10	1/35	20	100	GPP231110	537	DS	6	2308P-PSSH	90	0.20	20	2
125	39	1/12	20	100	GPP12502	537	DS	8	2412P-PSSH	90	0.90	20	3
139	20	1/20	13	100	GPP230013	537	DS	7	2318P-PSSH	90	0.60	10,20	2
185	15	1/20	10	100	GPP230010	537	DS	7	2318P-PSSH	90	0.60	10,20	2
250	20	1/12	10	100	GPP12501	537	DS	8	2412P-PSSH	90	0.90	20	3
269	11	1/20	7	100	GPP230007	537	DS	7	2318P-PSSH	90	0.60	20	2
359	8	1/20	5	100	GPP230005	537	DS	7	2318P-PSSH	90	0.60	10,20	2
180 VDC													
19	118	1/22	90	125	GPP233120	561	DS	8	2314P-PSSH	180	0.20	20	1
43	112	1/12	40	125	GPP12525	552	DS	11	2420P-PSSH	180	0.50	20	3
60	50	1/20	30	125	GPP233121	552	DS	8	2318P-PSSH	180	0.30	20	2
250	20	1/12	10	100	GPP12521	537	DS	9	2416P-PSSH	180	0.50	20	3

(a) Vertical motor below gearhead not recommended.

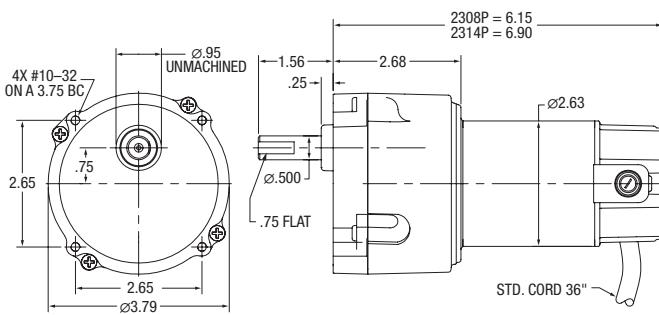
Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

(b) See notes on inside back flap.

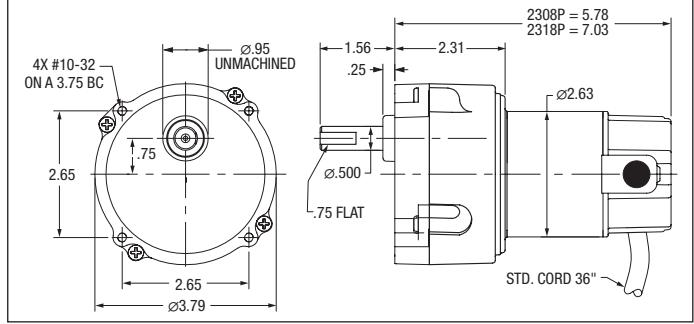
ATTENTION: Additional ratios, voltages, and ratings are available.

Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.

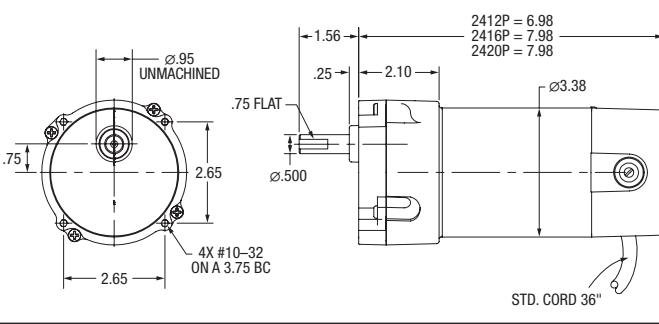
1. 23 - PSSH
5 & 4 STAGES



2. 23 - PSSH
3 & 2 STAGES



3. 24 - PSSH
3 & 2 STAGES





GCP24232 Shown
PSM Style

Features:

- Induction hardened helical and spur gears for efficient torque transmission
- Ball and needle bearing construction for increased torque and overhung load capabilities
- Permanently lubricated with synthetic oil for long service life
- Industry standard dimensions for ease of installation
- Integral base mounting provisions for retro fit if needed

Fixed Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Enclosure	Voltage	Notes (b)	Drawing Number
Single Phase - Permanent Split Capacitor													
15/18	237	1/15	90	130	GCP24232	647	DS	14	2424C-PSM	TENV	115	19,78	1
23/27	167	1/12	60	130	GCP24234	617	DS	14	2424C-PSM	TENV	115	19,78	1
Single Phase - Split Phase													
43/36	149	1/9	40	130	GCP25052	617	DS	14	2524S-PSM	TEFC	115	19	2
47/57	11	1/9	30	130	GCP25054	617	DS	14	2524S-PSM	TEFC	115	19	2
84/70	74	1/9	20	65	GCP25056	587	DS	14	2524S-PSM	TEFC	115	19	2
92/111	57	1/9	15	65	GCP25058	587	DS	14	2524S-PSM	TEFC	115	19	2
138/166	38	1/9	10	65	GCP25060	587	DS	14	2524S-PSM	TEFC	115	19	2
275/330	19	1/9	5	65	GCP25062	587	DS	14	2524S-PSM	TEFC	115	19	2

Variable Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Speed Range (CT)	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage	Notes (b)	Drawing Number
Three Phase - Inverter Duty													
10	184	3 - 14	1/25	180	130	IDGMP25181	729	E2	14	2412-PSM	230	77	3
19	176	6 - 29	1/15	90	130	IDGMP25091	729	E2	14	2416-PSM	230	77	3
29	204	9 - 42	1/15	60	130	IDGMP25061	698	E2	14	2424-PSM	230	77	3
58	230	19 - 84	1/8	30	130	IDGMP25031	698	E2	14	2524-PSM	230	77	3
86	162	28 - 126	1/4	20	65	IDGMP25021	698	E2	14	2524-PSM	230	77	3
172	86	56 - 251	1/4	10	65	IDGMP25011	667	E2	14	2524-PSM	230	77	3
345	44	112 - 503	1/4	5	65	IDGMP25006	667	E2	14	2524-PSM	230	77	3

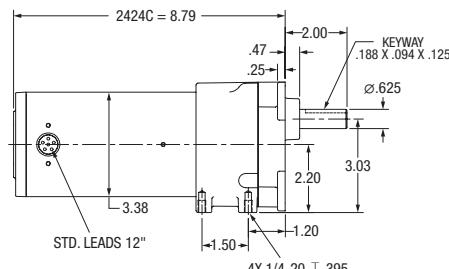
(a) Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

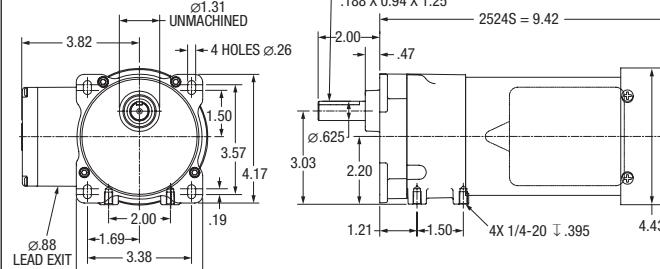
(b) See notes on inside back flap.

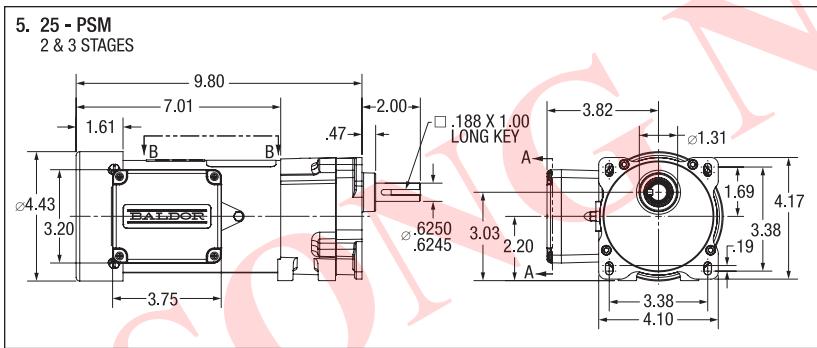
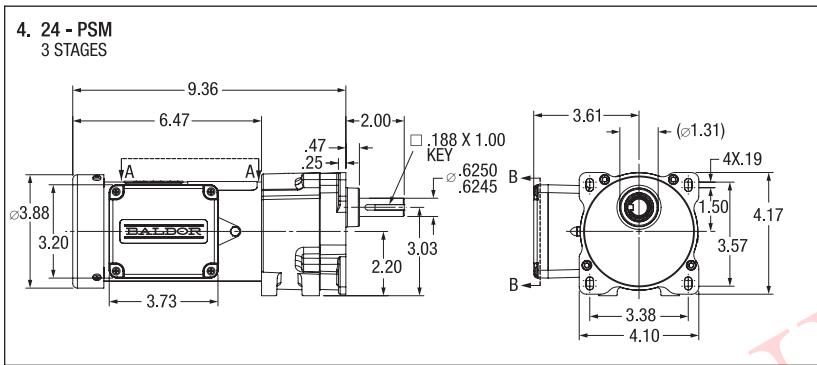
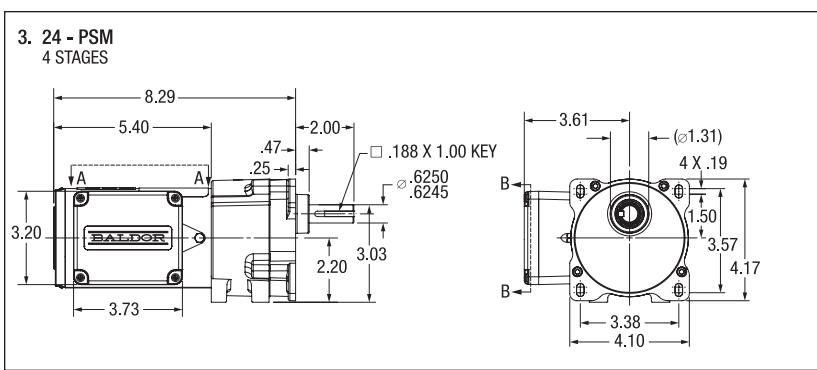
ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.

1. 24 - PSM
3 & 4 STAGES



2. 25 - PSM
2 & 3 STAGES





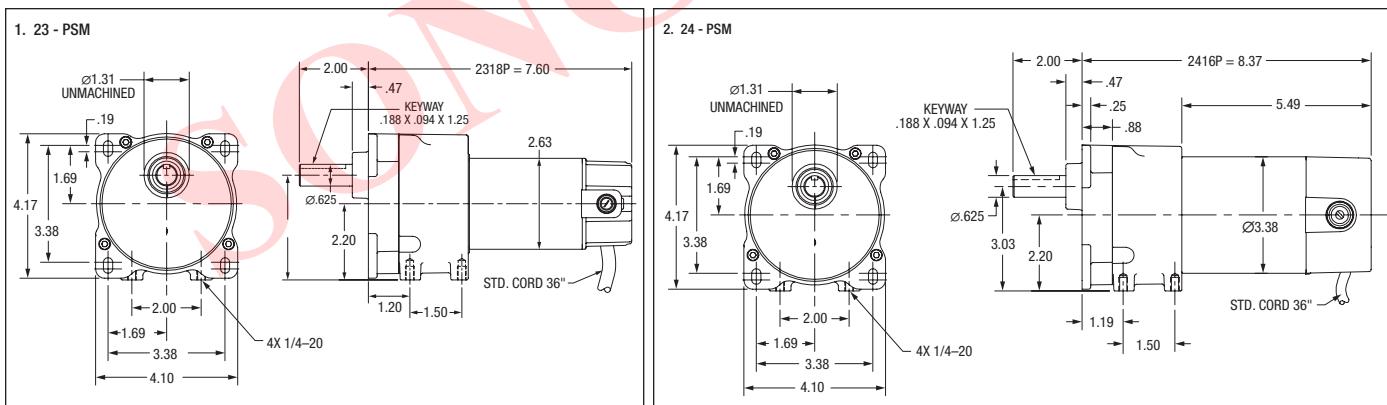
Permanent Magnet DC													
Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage D.C. Armature	Full Load Amperage Armature	Notes (b)	Drawing Number
90 VDC													
8	190	1/20	240	130	GPP231329	693	DS	7	2318P-PSM	90	0.50	10,20	1
15	197	1/16	120	130	GPP233141	693	DS	8	2318P-PSM	90	0.80	20	1
19	180	1/15	90	130	GPP233140	693	DS	10	2318P-PSM	90	0.50	20	1
30	174	1/8	80	130	GPP12556	694	DS	12	2416P-PSM	90	1.30	20	2
42	165	1/8	60	130	GPP12547	694	DS	12	2416P-PSM	90	1.30	20	2
34	85	1/20	50	130	GPP230053	675	DS	7	2318P-PSM	90	0.70	10,20	1
63	116	1/8	40	130	GPP12545	694	DS	12	2416P-PSM	90	1.30	20	2
83	90	1/8	30	130	GPP12544	694	DS	12	2416P-PSM	90	1.30	20	2
94	76	1/8	25	65	GPP12559	663	DS	12	2416P-PSM	90	1.30	20	2
94	160	1/4	25	65	GPP24019	726	DS	12	2428P-PSM	90	2.50	20	2
125	58	1/8	20	65	GPP12543	663	DS	12	2416P-PSM	90	1.30	20	2
167	45	1/8	15	65	GPP12542	663	DS	10	2416P-PSM	90	1.30	20	2
170	90	1/4	15	65	GPP24011	726	DS	12	2428P-PSM	90	2.50	20	2
250	30	1/8	10	65	GPP12541	663	DS	10	2416P-PSM	90	1.30	20	2
360	20	1/8	7	65	GPP12555	663	DS	12	2416P-PSM	90	1.30	10,20	2
360	40	1/4	7	65	GPP24005	726	DS	12	2428P-PSM	90	2.50	20	2
500	15	1/8	5	65	GPP12540	663	DS	10	2416P-PSM	90	1.30	20	2
180 VDC													
42	174	1/8	60	130	GPP12567	670	DS	11	2416P-PSM	180	0.70	20	2
83	87	1/8	30	130	GPP12564	670	DS	11	2416P-PSM	180	0.70	20	2
250	30	1/8	10	65	GPP12561	663	DS	11	2416P-PSM	180	0.70	20	2
500	15	1/8	5	65	GPP12560	663	DS	11	2416P-PSM	180	0.70	20	2

(a) Vertical motor below gearhead not recommended.

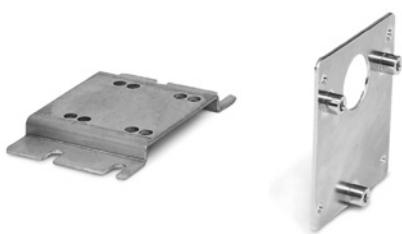
Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

(b) See notes on inside back flap.

ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.



PSM Mounting Adapters



B92 is a formed steel mounting base that bolts to the machined surface on bottom of the PSM gear box. Provides secure foot mounting of gearmotor and drop-in interchangeability with other major manufacturers.

B93 is a three point face mounting adapter. Provides interchangeability with other manufacturers.

Catalog Number	Description	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.
B92	Foot Mount	49	A8	1
B93	3 Point Face Mount	87	A8	1



PSL Style

Features:

- Induction hardened helical and spur gears for efficient torque transmission
- Ball and needle bearing construction for increased torque and overhung load capabilities
- Permanently lubricated with synthetic oil for long service life
- Industry standard dimensions for ease of installation

Fixed Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Enclosure	Voltage	Notes (b)	Drawing Number
Single Phase - Permanent Split Capacitor													
5/6	325	1/25	300	200	GCP24002	896	DS	15	2416C-PSL	TENV	115	19,20,78	1
6/8	369	1/6	225	200	GCP25216	896	DS	20	2520C-PSL	TEFC	115/230	19,20	2
8/9	235	1/25	180	200	GCP24004	896	DS	15	2416C-PSL	TENV	115	19,20,78	1
11/14	330	1/12	120	200	GCP24020	896	DS	15	2424C-PSL	TENV	115	19,20,78	1
14/17	450	1/6	100	200	GCP25102	881	DS	20	2524C-PSL	TEFC	115/230	10,19,20	2
15/18	250	1/12	90	200	GCP24022	896	DS	15	2424C-PSL	TENV	115	19,20,78	1
18/21	400	1/6	80	200	GCP25082	881	DS	20	2524C-PSL	TEFC	115/230	10,19,20	2
23/28	313	1/6	60	200	GCP25658	881	DS	20	2524C-PSL	TEFC	115/230	19,20	2
48/58	164	1/6	30	300	GCP3305	881	DS	20	2524C-PSLH	TEFC	115/230	19,20	2
71/86	112	1/6	20	300	GCP3310	849	DS	20	2524C-PSLH	TEFC	115/230	19,20	2
144/173	56	1/6	10	300	GCP3315	849	DS	20	2524C-PSLH	TEFC	115/230	19,20	2
Single Phase - Split Phase													
23/28	270	1/8	60	200	GCP25002	870	DS	18	2524S-PSL	TEFC	115	19,20	2
45/55	135	1/8	30	300	GCP25004	870	DS	18	2524S-PSL	TEFC	115	19,20	2
71/85	92	1/8	20	300	GCP25006	840	DS	18	2524S-PSL	TEFC	115	19,20	3
141/170	46	1/8	10	300	GCP25008	840	DS	17	2524S-PSL	TEFC	115	19,20	3
283/340	23	1/8	5	300	GCP25010	840	DS	18	2524S-PSL	TEFC	115	19,20	3
Single Phase - Capacitor Start Induction Run													
29	483	1/4	60	200	GLP3310	990	DS	25	3320L-PSLH	TEFC	115/208-230	33	5
35	438	1/3	50	300	GLP3328	990	DS	28	3324L-PSLH	TEFC	115/208-230	20,33	5
58	320	1/3	30	300	GLP3330	990	DS	25	3324L-PSLH	TEFC	115/208-230	20,33	5
86	218	1/3	20	300	GLP3332	931	DS	25	3324L-PSLH	TEFC	115/208-230	20,33	5
173	109	1/3	10	300	GLP3336	931	DS	27	3324L-PSLH	TEFC	115/208-230	20,33	5
345	55	1/3	5	300	GLP3338	931	DS	25	3324L-PSLH	TEFC	115/208-230	20,33	5
Single Phase - Capacitor Start Induction Run													
36/44	294	1/4	38	300	GLP25036	870	DS	16	2528LC-PSL	TEFC	115/230	10,19,20	7
45/55	250	1/4	30	300	GLP25029	870	DS	24	2528LC-PLS	TEFC	115/230	10,19,20	7
58	484	1/2	30	300	GLP3342	1044	DS	32	3328LC-PSL	TEFC	115/208-230	20,33	8
68/82	177	1/4	20	300	GLP25019	819	DS	24	2528LC-PSL	TEFC	115/230	10,19,20	7
88	326	1/2	20	300	GLP3344	985	DS	31	3328LC-PSL	TEFC	115/208-230	20,33	8
91/110	128	1/4	15	300	GLP25015	819	DS	21	2528LC-PSL	TEFC	115/230	19,20	7
117	245	1/2	15	300	GLP3346	985	DS	31	3328LC-PSL	TEFC	115/208-230	20,33	8
137/165	91	1/4	10	300	GLP25011	819	DS	21	2528LC-PSL	TEFC	115/230	10,19,20	7
175	164	1/2	10	300	GLP3348	985	DS	31	3328LC-PSL	TEFC	115/208-230	20,33	8
275/330	41	1/4	5	300	GLP25005	819	DS	24	2528LC-PSL	TEFC	115/230	10,19,20	7
Three Phase													
43	627	1/2	40	300	GMP3340	1,035	DS	27	3320M-PSLH	TEFC	208-230/460	33	6
57	320	1/3	30	300	GMP3330	1035	DS	27	3320M-PSLH	TEFC	208-230/460	33	6
58	484	1/2	30	300	GMP3342	1,035	DS	27	3320M-PSLH	TEFC	208-230/460	33	6
86	218	1/3	20	300	GMP3332	977	DS	27	3320M-PSLH	TEFC	208-230/460	33	6
86	326	1/2	20	300	GMP3344	977	DS	25	3320M-PSLH	TEFC	208-230/460	33	6
173	109	1/3	10	300	GMP3336	977	DS	25	3320M-PSLH	TEFC	208-230/460	33	6
173	164	1/2	10	300	GMP3348	977	DS	25	3320M-PSLH	TEFC	208-230/460	33	6
345	55	1/3	5	300	GMP3338	977	DS	24	3320M-PSLH	TEFC	208-230/460	33	6

(a) Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

(b) See notes on inside back flap.

ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.

Variable Speed AC

	Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Speed Range (CT)	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage	Notes ^(b)	Drawing Number
Three Phase - Inverter Duty														
	9	369	3 - 15	1/15	180	200	IDGMP25182	1059	E2	20	2512M-PSL	230	77	2
	19	360	6 - 29	1/8	90	200	IDGMP25092	1059	E2	20	2516M-PSL	230	77	2
	28	325	9 - 42	1/6	60	200	IDGMP25063	1044	E2	18	2516M-PSL	230	77	2
	41	500	14 - 62	3/8	40	300	IDGMP25062	1037	E2	20	2528M-PSL	230	77	2
	43	637	14 - 65	1/2	40	300	IDGMP25040	1037	E2	28	3324M-PSLH	230	77	4
	56	247	19 - 84	1/4	30	300	IDGMP25033	1044	E2	18	2524M-PSL	230	77	2
	55	350	18 - 83	3/8	30	300	IDGMP2505	1037	E2	20	2528M-PSL	230	77	2
	57	482	19 - 86	1/2	30	300	IDGMP25032	1037	E2	28	3324M-PSLH	230	77	4
	84	167	28 - 126	1/4	20	300	IDGMP25023	1025	E2	17	2524M-PSL	230	77	3
	83	233	28 - 125	3/8	20	300	IDGMP2503	1012	E2	18	2528M-PSL	230	77	3
	86	326	29 - 129	1/2	20	300	IDGMP25022	1012	E2	25	3324M-PSLH	230	77	4
	115	245	38 - 173	1/2	15	300	IDGMP25015	1012	E2	25	3324M-PSLH	230	77	4
	167	85	56 - 251	1/4	10	300	IDGMP25013	1025	E2	17	2524M-PSL	230	77	3
	165	116	55 - 248	3/8	10	300	IDGMP2501	1012	E2	18	2528M-PSL	230	77	3
	172	164	57 - 258	1/2	10	300	IDGMP25012	1012	E2	25	3324M-PSLH	230	77	4
	335	44	112 - 503	1/4	5	300	IDGMP25008	1025	E2	17	2524M-PSL	230	77	3
	330	58	110 - 495	3/8	5	300	IDGMP2500	1012	E2	18	2528M-PSL	230	77	3
	345	82	115 - 518	1/2	5	300	IDGMP25007	1012	E2	25	3324M-PSLH	230	77	4

(a) Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

(b) See notes on inside back flap.

ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.

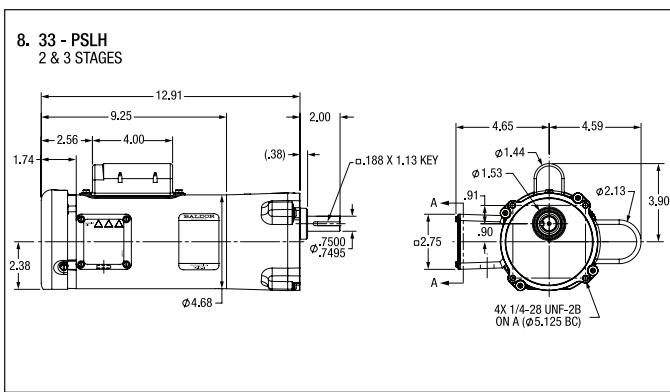
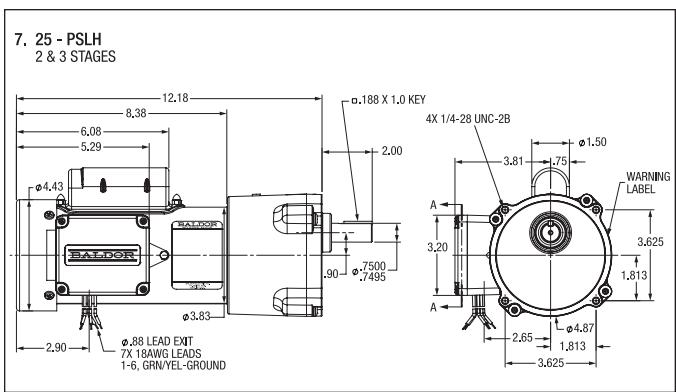
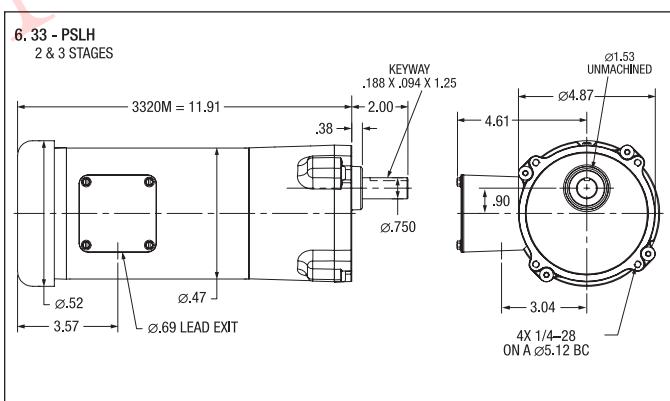
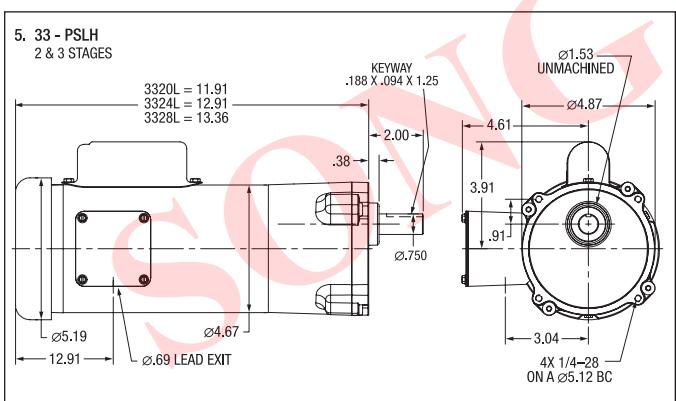
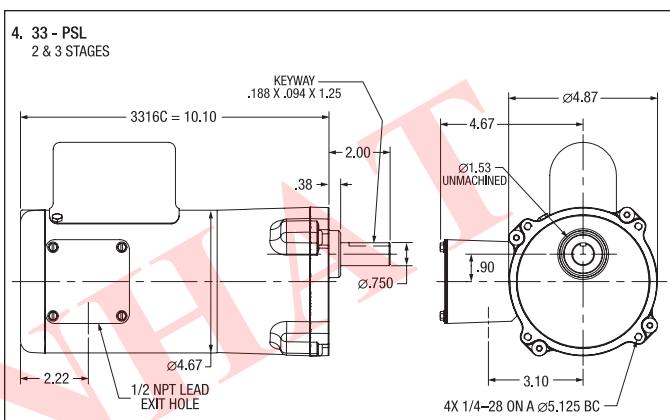
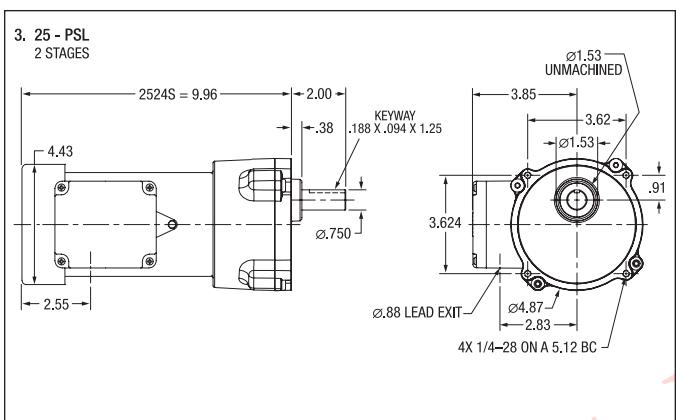
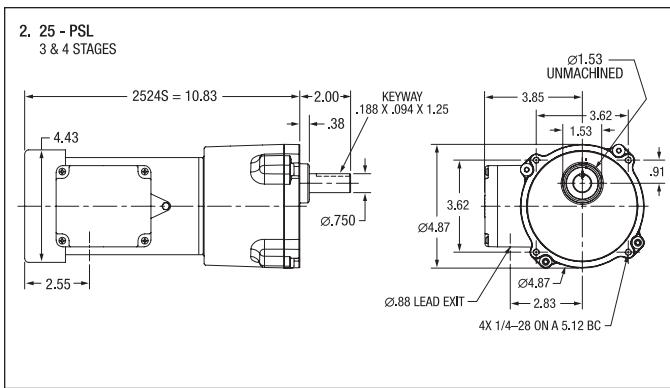
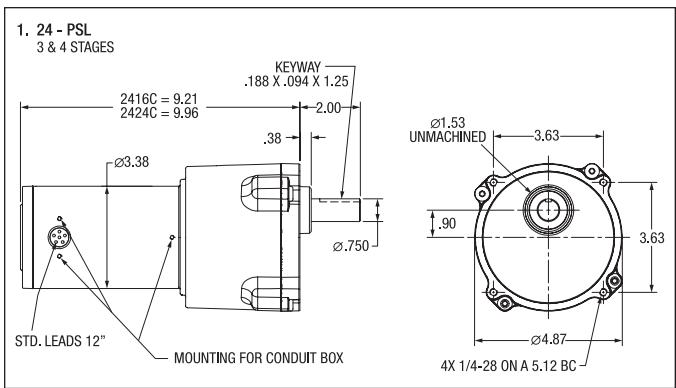
See page 210 for matching AC Drives.

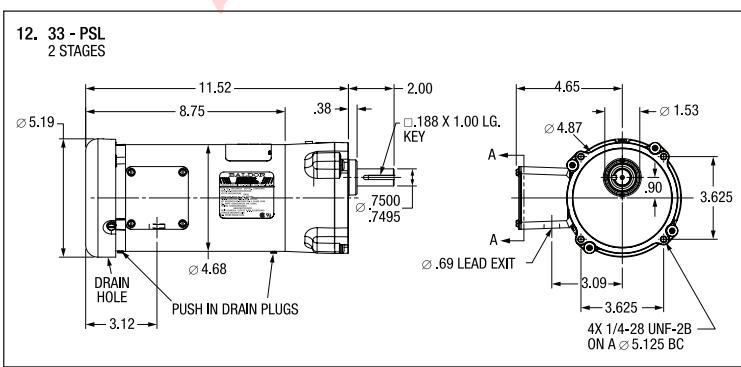
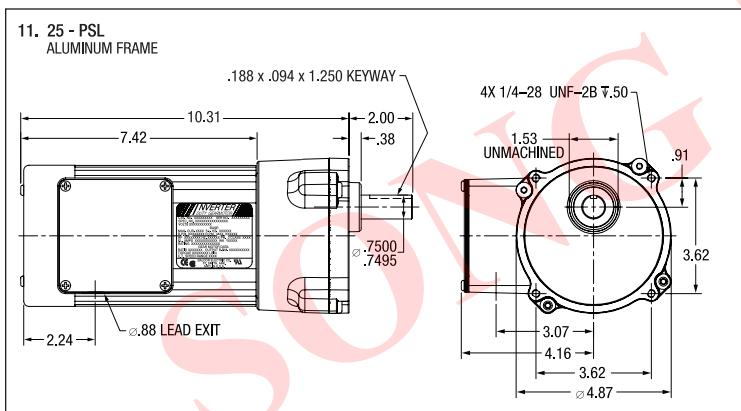
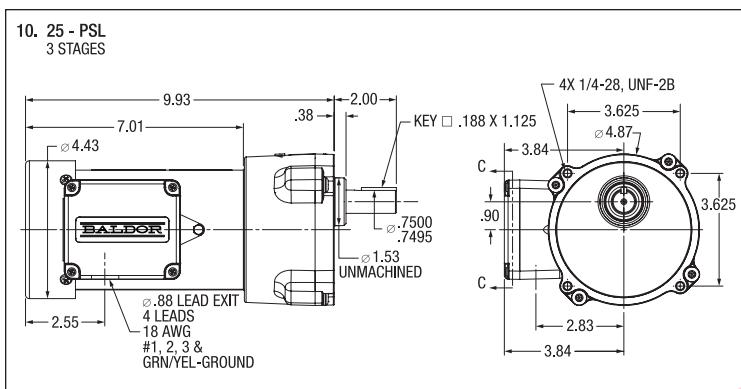
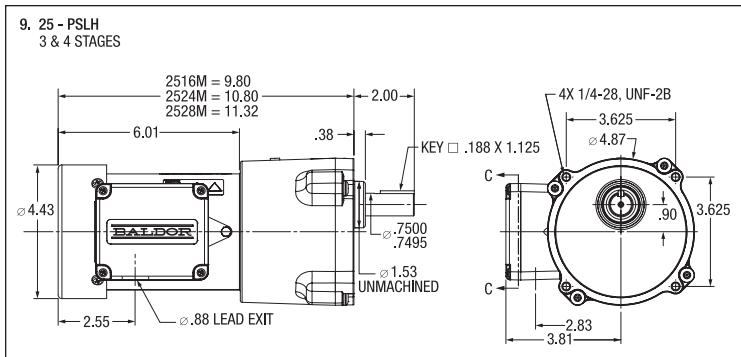
"L" Type Mounting Brackets



Applications: Mounting bracket for PSSH and PSL gearmotors. Securely mounts to gear face in 90 degree locations for floor, wall or ceiling mount. Catalog Number LB74 is not recommended for PSL/PSLH units weighing over 20 lbs. For units weighing more than 20 lbs. use Catalog Number LB75.

Catalog Number	Gearhead Style	List Price	Mult. Sym.	Color	Ap'x. Shpg. Wgt
LB73	PSSH	49	A8	Black	2
LB74	PSL	69	A8	Black	2
LB75	PSL/PSLH	96	A8	Black	7
LB73GR	PSSH	49	A8	Baldor Grey	2
LB74GR	PSL	69	A8	Baldor Grey	2
LB75GR	PSL/PSLH	96	A8	Baldor Grey	7





Permanent Magnet DC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage D.C. Armature	Full Load Amperage Notes (b)	Drawing Number
90 VDC												
8	330	1/8	300	200	GPP7459	875	DS	13	2416P-PSL	90	1.30	20 1
10	330	1/8	240	200	GPP7462	875	DS	13	2416P-PSL	90	1.30	20 1
14	365	1/4	180	200	GPP7458	875	DS	15	2424P-PSL	90	2.50	20 1
21	365	1/4	120	200	GPP7457	875	DS	15	2424P-PSL	90	2.50	20 1
28	390	1/4	90	200	GPP7461	875	DS	15	2424P-PSL	90	2.50	20 1
42	280	1/4	60	200	GPP7456	840	DS	14	2424P-PSL	90	2.50	20 1
50	250	1/4	50	200	GPP7460	840	DS	14	2424P-PSL	90	2.50	20 1
62	200	1/4	40	300	GPP7455	840	DS	14	2424P-PSL	90	2.50	20 1
83	150	1/4	30	300	GPP7454	840	DS	14	2424P-PSL	90	2.50	20 1
58	320	1/3	30	300	GPP2530	1,146	DS	24	2532P-PSLH	90	3.20	20 3
83	337	1/2	30	300	GPP3340	1,288	DS	31	3327P-PSLH	90	5.00	20 4
125	100	1/4	20	300	GPP7453	772	DS	13	2424P-PSL	90	2.50	20 2
165	75	1/4	15	300	GPP7452	772	DS	13	2424P-PSL	90	2.50	20 2
113	164	1/3	15	300	GPP2534	1,091	DS	24	2532P-PSLH	90	3.20	20 3
167	171	1/2	15	300	GPP3344	1,232	DS	31	3327P-PSLH	90	5.00	20 4
250	50	1/4	10	300	GPP7451	772	DS	13	2424P-PSL	90	2.50	20 2
500	25	1/4	5	300	GPP7450	772	DS	13	2424P-PSL	90	2.50	20 2
345	55	1/3	5	300	GPP2538	1,091	DS	24	2532P-PSLH	90	3.20	20 3
500	57	1/2	5	300	GPP3348	1,232	DS	31	3327P-PSLH	90	5.00	20 4
180 VDC												
8	330	1/8	300	200	GPP7479	875	DS	14	2416P-PSL	180	0.70	20 1
14	365	1/4	180	200	GPP7478	875	DS	17	2424P-PSL	180	1.30	20 1
21	365	1/4	120	200	GPP7477	875	DS	15	2424P-PSL	180	1.30	20 1
42	280	1/4	60	200	GPP7476	840	DS	14	2424P-PSL	180	1.30	20 1
62	200	1/4	40	300	GPP7475	840	DS	14	2424P-PSL	180	1.30	20 1
83	155	1/4	30	300	GPP7474	840	DS	14	2424P-PSL	180	1.30	20 1
58	320	1/3	30	300	GPP3370	1,288	DS	31	3327P-PSLH	180	1.60	20 4
83	337	1/2	30	300	GPP3380	1,288	DS	31	3327P-PSLH	180	2.40	20 4
125	100	1/4	20	300	GPP7473	772	DS	13	2424P-PSL	180	1.30	20 2
165	75	1/4	15	300	GPP7472	772	DS	13	2424P-PSL	180	1.30	20 2
115	164	1/3	15	300	GPP3374	1,232	DS	31	3327P-PSLH	180	1.60	20 4
167	171	1/2	15	300	GPP3384	1,232	DS	31	3327P-PSLH	180	2.40	20 4
250	50	1/4	10	300	GPP7471	772	DS	13	2424P-PSL	180	1.30	20 2
500	25	1/4	5	300	GPP7470	772	DS	13	2424P-PSL	180	1.30	20 2
345	55	1/3	5	300	GPP3378	1,232	DS	31	3327P-PSLH	180	1.60	20 4
500	57	1/2	5	300	GPP3388	1,232	DS	31	3327P-PSLH	180	2.40	20 4

(a) Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

(b) See notes on inside back flap.

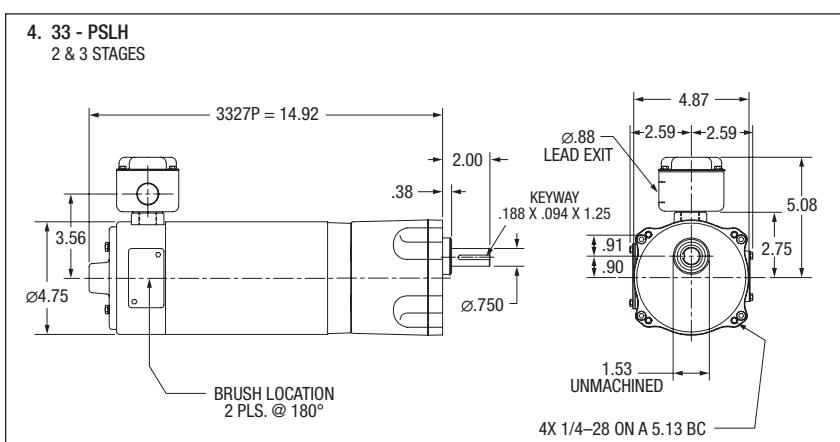
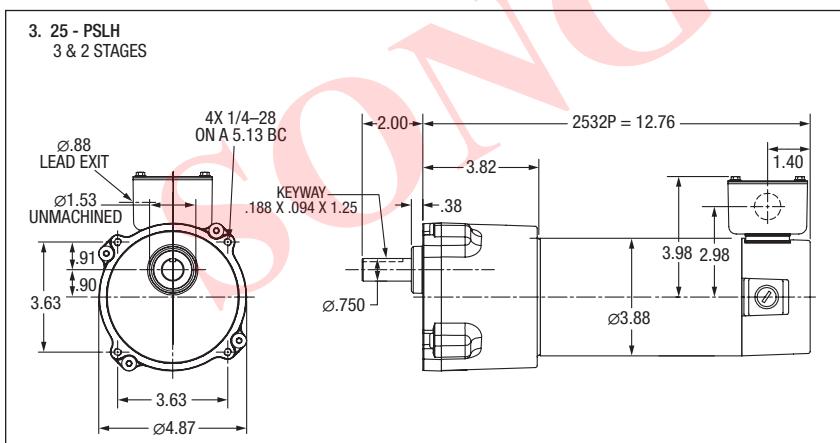
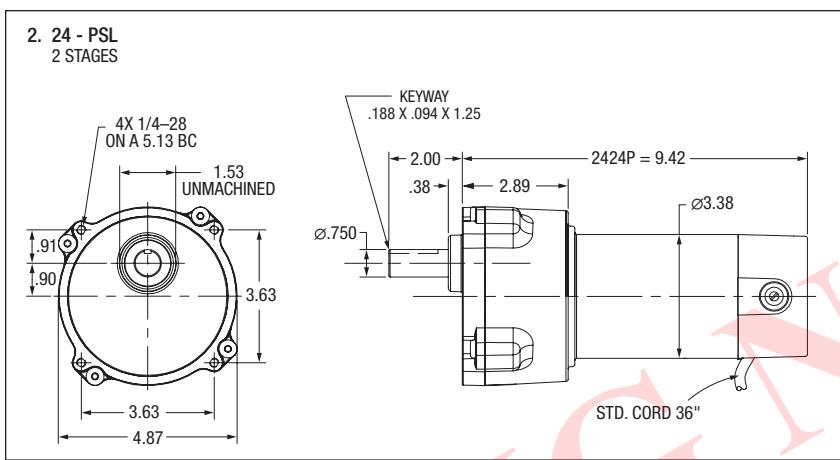
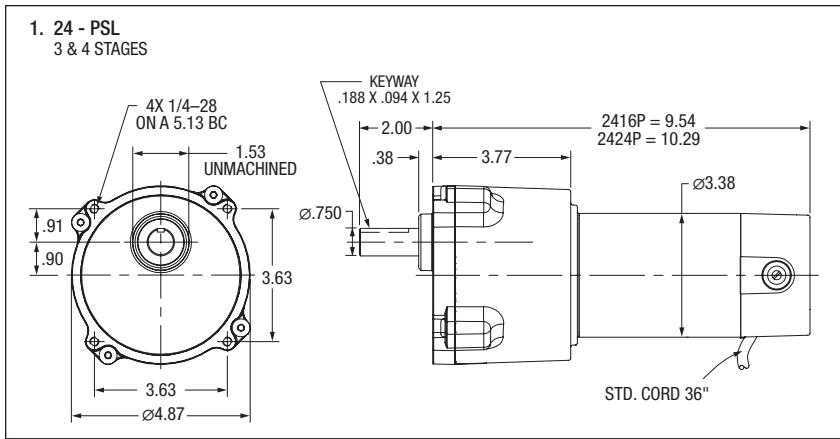
ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.

"L" Type Mounting Brackets



Applications: Mounting bracket for PSSH and PSL gearmotors. Securely mounts to gear face in 90 degree locations for floor, wall or ceiling mount. Catalog Number LB74 is not recommended for PSL/PSLH units weighing over 20 lbs. For units weighing more than 20 lbs. use Catalog Number LB75.

Catalog Number	Gearhead Style	List Price	Mult. Sym.	Color	Ap'x. Shpg. Wgt
LB73	PSSH	49	A8	Black	2
LB74	PSL	69	A8	Black	2
LB75	PSL/PSLH	96	A8	Black	7
LB73GR	PSSH	49	A8	Baldor Grey	2
LB74GR	PSL	69	A8	Baldor Grey	2
LB75GR	PSL/PSLH	96	A8	Baldor Grey	7





Features:

- Induction hardened helical and spur gears for efficient torque transmission
- All needle bearing construction for increased torque and overhung load capabilities
- Baldor exclusive needle bearing oiling channels provide increased bearing life
- Permanently lubricated with synthetic oil for long service life
- Industry standard dimensions for ease of installation

Fixed Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage	Notes (b)	Drawing Number
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Single Phase - Split Phase

5	1092	1/6	316	502	GCP12316	1,008	DS	26	3414S-PS12	115/230	19,20
8	1092	1/6	210	545	GCP12210	1,008	DS	26	3414S-PS12	115/230	19,20
12	1092	1/4	145	442	GCP12145	1,021	DS	28	3418S-PS12	115/230	19,20
18	815	1/4	96	395	GCP12096	1,021	DS	28	3418S-PS12	115/230	19,20
21	690	1/4	82	285	GCP12082	1,021	DS	28	3418S-PS12	115/230	19,20
40	490	1/3	44	339	GCP12044	1,012	DS	28	3421S-PS12	115/230	19,20
60	509	1/2	29	326	GCP12029	1,103	DS	30	3424S-PS12	115/230	19,20
92	327	1/2	19	311	GCP12019	1,103	DS	30	3424S-PS12	115/230	19,20
131	229	1/2	13	292	GCP12013	1,103	DS	30	3424S-PS12	115/230	19,20
156	192	1/2	11	282	GCP12011	1,103	DS	30	3424S-PS12	115/230	19,20
284	105	1/2	6	245	GCP12006	1,103	DS	30	3424S-PS12	115/230	19,20

Three Phase

12	1092	1/4	145	442	GMP12145	1100	DS	35	3416M-PS12	208-230/460	33
18	1076	1/3	96	395	GMP12096	1100	DS	35	3416M-PS12	208-230/460	33
21	911	1/3	82	285	GMP12082	1100	DS	35	3416M-PS12	208-230/460	33
40	742	1/2	44	339	GMP12044	1,143	DS	40	3420M-PS12	208-230/460	33
60	509	1/2	29	326	GMP12029	1,143	DS	40	3420M-PS12	208-230/460	33
92	327	1/2	19	311	GMP12019	1,143	DS	40	3420M-PS12	208-230/460	33
131	229	1/2	13	292	GMP12013	1,143	DS	40	3420M-PS12	208-230/460	33
156	192	1/2	11	282	GMP12011	1,143	DS	40	3420M-PS12	208-230/460	33
284	105	1/2	6	245	GMP12006	1,143	DS	40	3420M-PS12	208-230/460	33

Variable Speed AC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Speed Range (CT)	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage	Notes (b)	Drawing Number
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Three Phase - Inverter Duty

12	1092	4 - 18	1/4	145	442	IDGMP12145	1,265	E2	35	3416M-PS12	230	33
18	1076	6 - 27	1/3	96	395	IDGMP12096	1,265	E2	35	3416M-PS12	230	33
21	911	7 - 32	1/3	82	285	IDGMP12082	1,265	E2	35	3416M-PS12	230	33
40	742	13 - 59	1/2	44	339	IDGMP12044	1,314	E2	40	3420M-PS12	230	33
60	509	20 - 89	1/2	29	326	IDGMP12029	1,314	E2	40	3420M-PS12	230	33
92	327	30 - 135	1/2	19	311	IDGMP12019	1,314	E2	40	3420M-PS12	230	33
131	229	44 - 198	1/2	13	292	IDGMP12013	1,314	E2	40	3420M-PS12	230	33
156	192	52 - 234	1/2	11	282	IDGMP12011	1,314	E2	40	3420M-PS12	230	33
284	105	96 - 430	1/2	6	245	IDGMP12006	1,314	E2	40	3420M-PS12	230	33

(a) Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

(b) See notes on inside back flap.

ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.

Red Catalog Number indicates NEW Product.

Definite Purpose Motors

Unit Handling Motors

Brake Motors

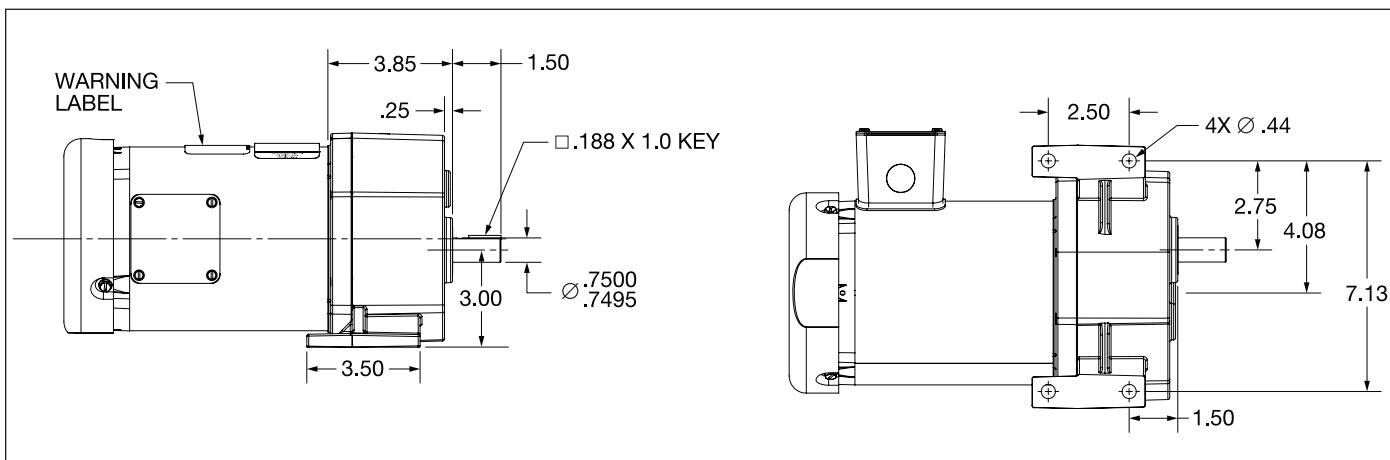
IEC Frame Motors

Inverter/Vector Motors & Controls

Gearmotors and Gear Products

Motor Accessories

Grinders



Permanent Magnet DC

Output RPM 50/60 Hz.	Max. Safe Torque In. lbs.	Input Hp	Ratio:1	OHL (lbs)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage D.C. Armature	Full Load Amperage Armature	Notes (b)	Drawing Number
90 VDC													
9	1092	1/6	284	403	GPP129284	1,192	DS	35	XXXXP-PS12	90	1.80	20	
14	934	1/4	173	456	GPP129173	1,206	DS	36	XXXXP-PS12	90	2.50	20	
20	666	1/4	123	460	GPP129123	1,206	DS	36	XXXXP-PS12	90	2.50	20	
43	317	1/4	60	427	GPP129060	1,206	DS	36	XXXXP-PS12	90	2.50	20	
62	231	1/4	40	424	GPP129040	1,176	DS	36	XXXXP-PS12	90	2.50	20	
93	153	1/4	27	357	GPP129027	1,176	DS	36	XXXXP-PS12	90	2.50	20	
148	96	1/4	17	285	GPP129017	1,176	DS	36	XXXXP-PS12	90	2.50	20	
180 VDC													
9	1092	1/6	284	403	GPP128284	1,192	DS	35	XXXXP-PS12	180	1.00	20	
14	934	1/4	173	456	GPP128173	1,206	DS	36	XXXXP-PS12	180	1.30	20	
20	666	1/4	123	460	GPP128123	1,206	DS	36	XXXXP-PS12	180	1.30	20	
43	317	1/4	60	427	GPP128060	1,206	DS	36	XXXXP-PS12	180	1.30	20	
62	231	1/4	40	424	GPP128040	1,176	DS	36	XXXXP-PS12	180	1.30	20	
93	153	1/4	27	357	GPP128027	1,176	DS	36	XXXXP-PS12	180	1.30	20	
148	96	1/4	17	285	GPP128017	1,176	DS	36	XXXXP-PS12	180	1.30	20	

(a) Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

(b) See notes on inside back flap.

ATTENTION: Additional ratios, voltages, and ratings are available. Application specific modifications are common, such as custom shaft dimensions, addition of brakes or encoders, specific power cords, and washdown features. Contact your local Baldor representative for assistance.

H50 – Right Angle Hollow Shaft – Worm Gear Reducer

1.97 thru 50mm CD



H50 Style

Features:

- Oversized output bearings
- Bronze gearing
- Hardened and ground worm
- Internal oil expansion bladder
- Synthetic gear oil lubrication

Applications:

- Conveyors
- Material handling equipment
- Packaging machinery
- Machine tool

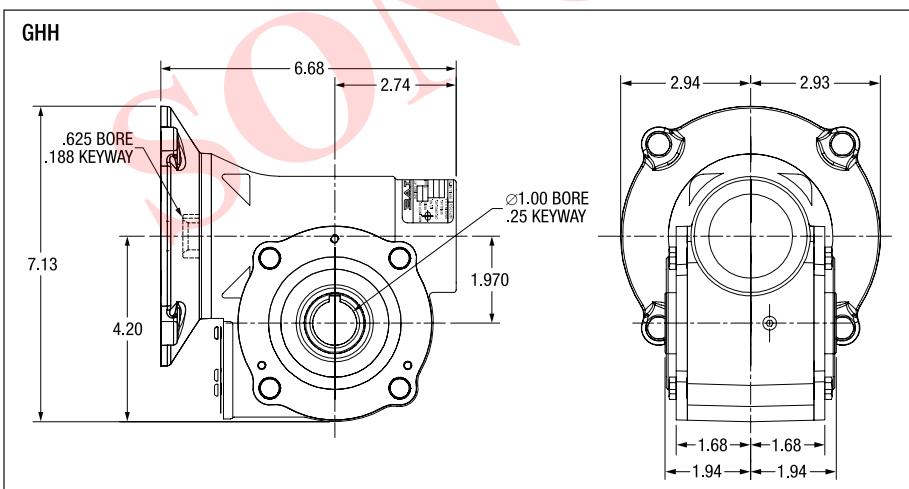
Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-lbs) Based on 1750 RPM Motor							Max Input Hp	Max Output Torque Rating In-lbs	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.
		0.25	0.33	0.5	0.75	1	1.5	2							
350	5:1				156	235	315		2.57	435	HF-H-05-H100	GHH0556	641	GB	11
175	10:1			230	300	450			1.88	600	HF-H-10-H100	GHH1056	641	GB	11
117	15:1		176	263	350				1.37	483	HF-H-15-H100	GHH1556	641	GB	11
88	20:1		275	394	550				1	550	HF-H-20-H100	GHH2056	641	GB	11
70	25:1	240	350	529					.83	583	HF-H-25-H100	GHH2556	641	GB	11
58	30:1	247	350	550					.76	562	HF-H-30-H100	GHH3056	641	GB	11
44	40:1	268	345	528					.64	672	HF-H-40-H100	GHH4056	641	GB	11
35	50:1	310	400	609					.56	685	HF-H-50-H100	GHH5056	641	GB	11
29	60:1	300	418	600					.5	600	HF-H-60-H100	GHH6056	641	GB	11

NOTE: Service Class I Torque Ratings (1.0 Service Factor)
Service Class II Torque Ratings (≥ 1.4 Service Factor)
Service Class III Torque Ratings (≥ 2.0 Service Factor)

ATTENTION: Additional ratios, ratings and mounting configurations are available.
Need a fully assembled gearmotor? Have your reducer and motor coupled by utilizing M34D from the Baldor Mod Express section.
Please contact your local Baldor representative for assistance.

Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.
Replacement oil – 1 Qt P/N MJ0006A05SP (Kubersynth UH1-6-460)

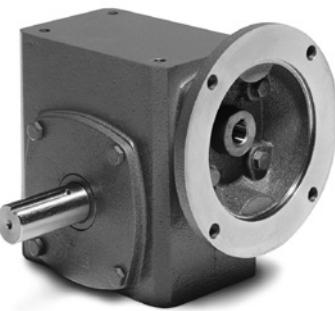


H Gearbox Accessories



Baldor offers optional base and shaft kits for H style gearmotors. Adding a base and shaft kit allows them to be used in applications requiring a rightangle shaft extension. The shaft can be used for either right or left hand output applications.

Catalog Number	Description	List Price	Mult. Sym.	Ap'x Shpg. Wgt.
B19H71	Horiz Base Kit	82	A8	1
SH10HS	Output Shaft Kit	26	A8	2
TA05HK	Torque Arm Kit	125	A8	2

900 Series – Right Angle – Quill Type – Solid Shaft
1.33 thru 3.75 CD

Features:

- Heavy duty cast iron construction
- Bronze gearing
- Tapered roller bearings on output
- Industry-standard mounting
- Food grade synthetic gear oil
- Vent-free housing prevents contamination

Applications:

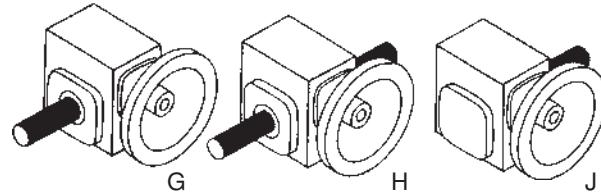
- Conveyors
- Material handling
- Textile machines
- Packaging machinery
- Metering pumps

Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-lbs) Based on 1750 RPM Motor										Max Input Hp	Max Output Torque Rating In-lbs	NEMA Motor Mount	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.
		0.25	0.33	0.5	0.75	1	1.5	2	3	5	7.5								
350	5:1	75	112	149								1.11	165	56C	F-913-05-B5-G	GF0513AG	504	GB	20
		75	112	149								1.11	165	56C	F-913-05-B5-J	GF0513AJ	504	GB	20
		115	154	231								1.50	231	56C	F-915-05-B5-G	GF0515AG	539	GB	25
		115	154	231								1.50	231	140TC	F-915-05-B7-G	GF0515BG	539	GB	25
		115	154	231								1.50	231	56C	F-915-05-B5-H	GF0515AH	571	GB	25
		160	240	320								2.00	320	56C	F-918-05-B5-G	GF0518AG	552	GB	30
		160	240	320								2.00	320	140TC	F-918-05-B7-G	GF0518BG	552	GB	30
		246	327	491								3.14	514	140TC	F-921-05-B7-G	GF0521BG	691	GB	35
		246	327	491								3.14	514	140TC	F-921-05-B7-J	GF0521BJ	691	GB	35
		339	507									4.17	705	180TC	F-924-05-B9-G	GF0524CG	815	GB	49
		339	508	847								5.43	919	180TC	F-926-05-B9-G	GF0526CG	945	GB	59
		502	837	1255								7.64	1279	180TC	F-930-05-B9-G	GF0530CG	1,285	GB	68
				837	1255	1674						13.7	2315	210TC	F-938-05-B11-H	GF0538DH	1,798	GB	123
		82	125	187								0.90	225	56C	F-913-10-B5-G	GF1013AG	504	GB	20
		82	125	187								0.90	225	56C	F-913-10-B5-J	GF1013AJ	504	GB	20
		82	125	187								0.90	225	56C	F-913-10-B5-H	GF1013AH	533	GB	20
175	10:1	141	211	282								1.03	290	56C	F-915-10-B5-G	GF1015AG	539	GB	26
		141	211	282								1.03	290	140TC	F-915-10-B7-G	GF1015BG	539	GB	20
		141	211	282								1.03	290	56C	F-915-10-B5-H	GF1015AH	571	GB	25
		214	285	428								1.50	428	56C	F-918-10-B5-G	GF1018AG	552	GB	30
		214	285	428								1.50	428	56C	F-918-10-B5-J	GF1018AJ	552	GB	30
		214	285	428								1.50	428	56C	F-918-10-B5-H	GF1018AH	585	GB	29
		214	285	428								1.50	428	140TC	F-918-10-B7-G	GF1018BG	552	GB	30
		312	468	624								2.02	630	56C	F-921-10-B5-G	GF1021AG	691	GB	35
		312	468	624								2.02	630	56C	F-921-10-B5-J	GF1021AJ	691	GB	35
		312	468	624								2.02	630	56C	F-921G-10-B5-G	GF10G21AG	691	GB	30

NOTE: Service Class I Torque Ratings (1.0 Service Factor)
Service Class II Torque Ratings (≥ 1.4 Service Factor)
Service Class III Torque Ratings (≥ 2.0 Service Factor)

Vertical motor below gearhead not recommended.
Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.
Replacement oil – 1 Qt P/N MJ0006A05SP (Klubersynth UH1-6-460)

ATTENTION: Additional ratios, ratings and mounting configurations are available.
Need a fully assembled gearmotor? Have your reducer and motor coupled by utilizing M34D from the Baldor Mod Express section.
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Assembly Types


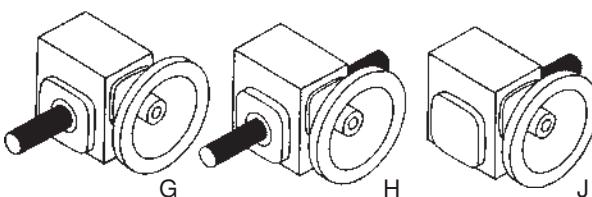
900 Series – Right Angle – Quill Type – Solid Shaft continued...

Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-lbs) Based on 1750 RPM Motor								Max Input Hp	Max Output Torque Rating In-lbs	NEMA Motor Mount	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.
		0.25	0.33	0.5	0.75	1	1.5	2	3								
175	10:1				312	468	624			2.02	630	56C	F-921-10-B5-H	GF1021AH	728	GB	35
					312	468	624			2.02	630	140TC	F-921-10-B7-G	GF1021BG	691	GB	35
					317	475	634			2.73	893	140TC	F-924-10-B7-G	GF1024BG	815	GB	40
						655	983			3.59	1177	140TC	F-926-10-B7-G	GF1026BG	945	GB	52
						655	983			3.59	1177	180TC	F-926-10-B9-G	GF1026CG	945	GB	60
						641	961	1602		5.48	1755	180TC	F-930-10-B9-G	GF1030CG	1,285	GB	72
							990	1649		6.36	2106	180TC	F-932-10-B9-G	GF1032CG	1,393	GB	97
							963	1604	2407	9.05	2905	210TC	F-938-10-B11-G	GF1038DG	1,701	GB	126
117	15:1	89	118	179						0.66	225	56C	F-913-15-B5-G	GF1513AG	504	GB	20
		89	118	179						0.66	225	56C	F-913-15-B5-J	GF1513AJ	504	GB	20
		89	118	179						0.66	225	56C	F-913-15-B5-H	GF1513AH	533	GB	20
		127	193	289						0.81	312	56C	F-915-15-B5-G	GF1515AG	539	GB	25
		127	193	289						0.81	312	56C	F-915-15-B5-H	GF1515AH	571	GB	25
		209	314	419						1.07	448	56C	F-918-15-B5-G	GF1518AG	552	GB	30
		209	314	419						1.07	448	56C	F-918-15-B5-J	GF1518AJ	552	GB	30
		209	314	419						1.07	448	56C	F-918-15-B5-H	GF1518AH	585	GB	30
		246	369	492						1.35	664	56C	F-921-15-B5-G	GF1521AG	691	GB	35
		246	369	492						1.35	664	56C	F-921-15-B5-J	GF1521AJ	691	GB	35
		246	369	492						1.35	664	56C	F-921-15-B5-H	GF1521AH	728	GB	35
		246	369	492						1.35	664	140TC	F-921-15-B7-G	GF1521BG	691	GB	35
			470	705	939					2.11	992	56C	F-924-15-B5-G	GF1524AG	815	GB	40
			470	705	939					2.11	992	56C	F-924-15-B5-J	GF1524AJ	815	GB	40
			470	705	939					2.11	992	140TC	F-924-15-B7-G	GF1524BG	815	GB	40
			473	710	947					2.58	1225	140TC	F-926-15-B7-G	GF1526BG	945	GB	55
88	20:1		686	915	1373					4.14	1903	180TC	F-930-15-B9-G	GF1530CG	1,285	GB	68
			959	1438						4.66	2241	140TC	F-932-15-B7-G	GF1532BG	1,393	GB	87
			959	1438						4.66	2241	180TC	F-932-15-B9-G	GF1532CG	1,393	GB	97
					1409	2349				6.64	3118	180TC	F-938-15-B9-G	GF1538CG	1,701	GB	119
		113	149	226						0.53	239	56C	F-913-20-B5-G	GF2013AG	504	GB	20
		113	149	226						0.53	239	56C	F-913-20-B5-H	GF2013AH	533	GB	20
		128	169	256						0.62	317	56C	F-915-20-B5-G	GF2015AG	539	GB	25
		128	169	256						0.62	317	56C	F-915-20-B5-H	GF2015AH	571	GB	25
		165	251	376						0.92	461	56C	F-918-20-B5-G	GF2018AG	552	GB	30
		165	251	376						0.92	461	56C	F-918-20-B5-J	GF2018AJ	552	GB	30
88	20:1	165	251	376						0.92	461	56C	F-918-20-B5-H	GF2018AH	585	GB	30
		323	484	645						1.06	684	56C	F-921-20-B5-G	GF2021AG	691	GB	35
		323	484	645						1.06	684	56C	F-921-20-B5-J	GF2021AJ	691	GB	35
		323	484	645						1.06	684	56C	F-921G-20-B5-G	GF20G21AG	691	GB	35

NOTE: Service Class I Torque Ratings (1.0 Service Factor)
Service Class II Torque Ratings (≥ 1.4 Service Factor)
Service Class III Torque Ratings (≥ 2.0 Service Factor)

Vertical motor below gearhead not recommended.
Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.
Replacement oil – 1 Qt P/N MJ0006A05SP (Klubersynth UH1-6-460)

ATTENTION: Additional ratios, ratings and mounting configurations are available.
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Please contact your local Baldor representative for assistance.

Assembly Types


900 Series – Right Angle – Quill Type – Solid Shaft continued...

Definite Purpose
Motors

Unit Handling
Motors

Brake Motors

IEC Frame
Motors

50 Hertz
Motors

Inverter/Vector
Motors & Controls

DC Motors
and Controls

Gearmotors and
Gear Products

Motor
Accessories

Grinders

Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-lbs) Based on 1750 RPM Motor									Max Input Hp	Max Output Torque Rating In-lbs	NEMA Motor Mount	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.
		0.25	0.33	0.5	0.75	1	1.5	2	3	5								
88	20:1	323	484	645							1.06	684	56C	F-921-20-B5-H	GF2021AH	728	GB	35
		323	484	645							1.06	684	140TC	F-921-20-B7-G	GF2021BG	691	GB	35
		323	484	645							1.06	684	140TC	F-921G-20-B7-G	GF20G21BG	691	GB	30
		451	602	902							1.72	1038	56C	F-924-20-B5-G	GF2024AG	815	GB	40
		451	602	902							1.72	1038	140TC	F-924-20-B7-G	GF2024BG	815	GB	40
		609	913	1218							2.15	1308	56C	F-926-20-B5-G	GF2026AG	945	GB	55
		609	913	1218							2.15	1308	140TC	F-926-20-B7-G	GF2026BG	945	GB	52
		880	1174	1761							3.31	1955	140TC	F-930-20-B7-G	GF2030BG	1,285	GB	68
		880	1174	1761							3.31	1955	180TC	F-930-20-B9-G	GF2030CG	1,285	GB	68
		880	1174	1761							3.31	1955	180TC	F-930-20-B9-J	GF2030CJ	1,285	GB	68
		924	1232	1848							3.85	2383	140TC	F-932-20-B7-G	GF2032BG	1,393	GB	87
		924	1232	1848							3.85	2383	180TC	F-932-20-B9-G	GF2032CG	1,393	GB	97
70	25:1	1176	1764	2940							5.43	3193	180TC	F-938-20-B9-G	GF2038CG	1,701	GB	120
		119	157	238							0.50	238	56C	F-913-25-B5-G	GF2513AG	504	GB	20
		156	206	312							0.51	318	56C	F-915-25-B5-G	GF2515AG	539	GB	25
		156	206	312							0.51	318	56C	F-915-25-B5-H	GF2515AH	571	GB	25
		183	277	416							0.8	444	56C	F-918-25-B5-G	GF2518AG	552	GB	28
		183	277	416							0.8	444	56C	F-918-25-B5-J	GF2518AJ	552	GB	30
		250	379	569							0.89	675	56C	F-921-25-B5-G	GF2521AG	691	GB	35
		250	379	569							0.89	675	56C	F-921-25-B5-J	GF2521AJ	691	GB	35
		250	379	569							0.89	675	56C	F-921G-25-B5-G	GF25G21AG	691	GB	40
		365	547	729							1.37	1002	56C	F-924-25-B5-G	GF2524AG	815	GB	36
		365	547	729							1.37	1002	140TC	F-924-25-B7-G	GF2524BG	815	GB	40
58	30:1	567	756	1134							1.73	1307	140TC	F-926-25-B7-G	GF2526BG	945	GB	52
		711	1066	1422							2.78	1978	56C	F-930-25-B5-G	GF2530AG	1,285	GB	68
		711	1066	1422							2.78	1978	140TC	F-930-25-B7-G	GF2530BG	1,285	GB	68
		1134	1513	2269							3.13	2355	140TC	F-932-25-B7-G	GF2532BG	1,393	GB	91
		1440	2160								4.50	3222	180TC	F-938-25-B9-H	GF2538CH	1,798	GB	126
		148	195								0.42	248	56C	F-913-30-B5-G	GF3013AG	504	GB	20
		148	195								0.42	248	56C	F-913-30-B5-H	GF3013AH	533	GB	20
		159	210	318							0.50	318	56C	F-915-30-B5-G	GF3015AG	539	GB	25
		159	210	318							0.50	318	56C	F-915-30-B5-H	GF3015AH	571	GB	25
		216	327								0.72	470	56C	F-918-30-B5-G	GF3018AG	552	GB	30
		216	327								0.72	470	56C	F-918-30-B5-J	GF3018AJ	552	GB	30
88	20:1	216	327								0.72	470	56C	F-918-30-B5-H	GF3018AH	585	GB	30
		275	416	624							0.83	691	56C	F-921-30-B5-G	GF3021AG	691	GB	35
		275	416	624							0.83	691	56C	F-921-30-B5-J	GF3021AJ	691	GB	35
		275	416	624							0.83	691	56C	F-921-30-B5-H	GF3021AH	728	GB	35
		275	416	624							0.83	691	56C	F-921G-30-B5-G	GF30G21AG	691	GB	30
		420	630	840							1.32	1111	56C	F-924-30-B5-G	GF3024AG	815	GB	40
		420	630	840							1.32	1111	56C	F-924-30-B5-J	GF3024AJ	815	GB	40
		420	630	840							1.32	1111	140TC	F-924-30-B7-G	GF3024BG	815	GB	40
		641	854	1281							1.54	1313	56C	F-926-30-B5-G	GF3026AG	945	GB	52
		641	854	1281							1.54	1313	140TC	F-926-30-B7-G	GF3026BG	945	GB	55
		804	1206	1608							2.47	1978	56C	F-930-30-B5-G	GF3030AG	1,285	GB	68
		804	1206	1608							2.47	1978	56C	F-930-30-B5-J	GF3030AJ	1,285	GB	68
		804	1206	1608							2.47	1978	140TC	F-930-30-B7-G	GF3030BG	1,285	GB	65
		881	1322	1763							2.81	2482	140TC	F-932-30-B7-G	GF3032BG	1,393	GB	91
		1626	2438								3.97	3226	180TC	F-938-30-B9-G	GF3038CG	1,701	GB	126

NOTE: Service Class I Torque Ratings (1.0 Service Factor)
Service Class II Torque Ratings (≥ 1.4 Service Factor)
Service Class III Torque Ratings (≥ 2.0 Service Factor)

Vertical motor below gearhead not recommended.
Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.
Replacement oil – 1 Qt P/N MJ0006A05SP (Klubersynth UH1-6-460)

ATTENTION: Additional ratios, ratings and mounting configurations are available.
Need a fully assembled gearmotor? Have your reducer and motor coupled by utilizing M34D from the Baldor Mod Express section.
Please contact your local Baldor representative for assistance.

900 Series - Right Angle - Quill Type - Solid Shaft continued...

Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-lbs) Based on 1750 RPM Motor									Max Input Hp	Output Torque Rating In-lbs	NEMA Motor Mount	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.
		0.25	0.33	0.5	0.75	1	1.5	2	3	5								
44	40:1	174	230								0.33	230	56C	F-913-40-BG-G	GF4013AG	504	GB	20
		174	230								0.33	230	56C	F-913-40-B5-H	GF4013AH	533	GB	20
		208	275								0.38	317	56C	F-915-40-B5-G	GF4015AG	539	GB	25
		208	275								0.38	317	56C	F-915-40-B5-J	GF4015AJ	539	GB	25
		180	238	360							0.64	461	56C	F-918-40-B5-G	GF4018AG	552	GB	30
		180	238	360							0.64	461	56C	F-918-40-B5-J	GF4018AJ	552	GB	30
		340	515								0.66	680	56C	F-921-40-B5-G	GF4021AG	691	GB	35
		340	515								0.66	680	56C	F-921-40-B5-J	GF4021AJ	691	GB	35
			521	781							0.99	1030	56C	F-924-40-B5-G	GF4024AG	815	GB	40
			521	781							0.99	1030	56C	F-924-40-B5-J	GF4024AJ	815	GB	40
			521	781							0.99	1030	56C	F-924-40-B5-H	GF4024AH	861	GB	40
			524	786	1049						1.23	1296	56C	F-926-40-B5-G	GF4026AG	945	GB	55
			524	786	1049						1.23	1296	56C	F-926-40-B5-J	GF4026AJ	945	GB	52
			524	786	1049						1.23	1296	140TC	F-926-40-B7-G	GF4026BG	945	GB	55
			794	1059	1589						1.84	1960	56C	F-930-40-B5-G	GF4030AG	1,285	GB	68
			794	1059	1589						1.84	1960	140TC	F-930-40-B7-G	GF4030BG	1,285	GB	68
				1180	1620	2160					2.20	2374	140TC	F-932-40-B7-G	GF4032BG	1,393	GB	88
					1596	2129	3192				3.00	3192	180TC	F-938-40-B9-G	GF4038CG	1,701	GB	126
					1596	2129	3192				3.00	3192	180TC	F-938-40-B9-H	GF4038CH	1,798	GB	126
35	50:1	177	234								0.33	234	56C	F-913-50-B5-G	GF5013AG	504	GB	20
		177	234								0.33	234	56C	F-913-50-B5-H	GF5013AH	533	GB	20
		230	303								0.33	303	56C	F-915-50-B5-G	GF5015AG	539	GB	25
		222	294								0.49	436	56C	F-918-50-B5-G	GF5018AG	552	GB	30
		222	294								0.49	436	56C	F-918-50-B5-J	GF5018AJ	552	GB	30
		280	370	561							0.58	651	56C	F-921-50-B5-G	GF5021AG	691	GB	35
		280	370	561							0.58	651	56C	F-921-50-B5-J	GF5021AJ	691	GB	35
		280	370	561							0.58	651	56C	F-921-50-B5-H	GF5021AH	728	GB	35
			401	608	912						0.83	1014	56C	F-924-50-B5-G	GF5024AG	815	GB	40
				621	932	1242					1.00	1242	56C	F-926-50-B5-G	GF5026AG	945	GB	55
				621	932	1242					1.00	1242	140TC	F-926-50-B7-G	GF5026BG	945	GB	52
29	60:1		850	1134	1701						1.67	1890	56C	F-930-50-B5-G	GF5030AG	1,285	GB	68
			850	1134	1701						1.67	1890	140TC	F-930-50-B7-G	GF5030BG	1,285	GB	68
			958	1278	1917						1.83	2366	56C	F-932-50-B5-G	GF5032AG	1,393	GB	87
			958	1278	1917						1.83	2366	140TC	F-932-50-B7-G	GF5032BG	1,393	GB	87
				1152	1729	2305					2.67	3076	140TC	F-938-50-B7-G	GF5038BG	1,701	GB	117
				1152	1729	2305					2.67	3076	140TC	F-938-50-B7-H	GF5038BH	1,798	GB	126

NOTE: Service Class I Torque Ratings (1.0 Service Factor)
 Service Class II Torque Ratings (≥ 1.4 Service Factor)
 Service Class III Torque Ratings (≥ 2.0 Service Factor)

Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

Replacement oil – 1 Qt P/N MJ0006A05SP (Kubersynth UH1-6-460)

ATTENTION: Additional ratios, ratings and mounting configurations are available.

Need a fully assembled gearmotor? Have your reducer and motor coupled by utilizing M34D from the Baldor Mod Express section.

Please contact your local Baldor representative for assistance.

900 Series – Right Angle – Quill Type – Solid Shaft continued...

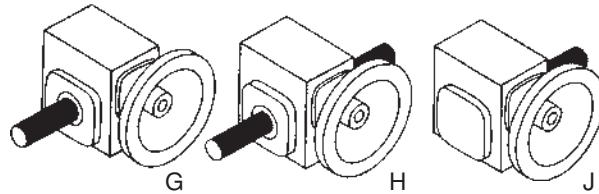
Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-lbs) Based on 1750 RPM Motor									Max Input Hp	Max Output Torque Rating In-lbs	NEMA Motor Mount	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.
		0.25	0.33	0.5	0.75	1	1.5	2	3	5								
29	60:1	317	418	634							0.50	634	56C	F-921-60-B5-G	GF6021AG	691	GB	35
		317	418	634							0.50	634	56C	F-921-60-B5-H	GF6021AH	728	GB	35
		317	418	634							0.50	634	56C	F-921-60-B5-J	GF6021AJ	691	GB	35
		458	693								0.69	958	56C	F-924-60-B5-G	GF6024AG	815	GB	40
		458	693								0.69	958	56C	F-924-60-B5-J	GF6024AJ	815	GB	40
		473	716	1074							0.82	1166	56C	F-926-60-B5-G	GF6026AG	945	GB	55
		473	716	1074							0.82	1166	56C	F-926-60-B5-J	GF6026AJ	945	GB	55
		473	716	1074							0.82	1166	56C	F-926-60-B5-H	GF6026AH	996	GB	55
			896	1195	1795						1.50	1795	56C	F-930-60-B5-G	GF6030AG	1,285	GB	68
			896	1195	1795						1.50	1795	140TC	F-930-60-B7-G	GF6030BG	1,285	GB	68
			1100	1467	2200						1.54	2255	56C	F-932-60-B5-G	GF6032AG	1,393	GB	90
			1100	1467	2200						1.54	2255	140TC	F-932-60-B7-G	GF6032BG	1,393	GB	91
			1254	1881	2508						2.33	2921	140TC	F-938-60-B7-G	GF6038BG	1,701	GB	117
			1254	1881	2508						2.33	2921	140TC	F-938-60-B7-H	GF6038BH	1,798	GB	126

NOTE: Service Class I Torque Ratings (1.0 Service Factor)
Service Class II Torque Ratings (≥ 1.4 Service Factor)
Service Class III Torque Ratings (≥ 2.0 Service Factor)

Vertical motor below gearhead not recommended.
Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.
Replacement oil – 1 Qt P/N MJ0006A05SP (Klubersynth UH1-6-460)

ATTENTION: Additional ratios, ratings and mounting configurations are available.
Need a fully assembled gearmotor? Have your reducer and motor coupled by utilizing M34D from the Baldor Mod Express section.
Please contact your local Baldor representative for assistance.

Assembly Types



900 Series – Right Angle – Quill Type – Hollow Shaft

1.33 thru 3.25 CD



Features:

- Heavy duty cast iron construction
- Bronze gearing
- Tapered roller bearings on output
- Industry-standard mounting
- Food grade synthetic gear oil
- Vent-free housing prevents contamination

Applications:

- Conveyors
- Material handling
- Textile machines
- Packaging machinery
- Any shaft mount application

Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-lbs) Based on 1750 RPM Motor										Max Input Hp	Max Output Torque Rating In-lbs	NEMA Motor Mount	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.
		0.25	0.33	0.5	0.75	1	1.5	2	3	5	7.5								
350	5:1	75	112	149								1.00	165	56C	HF-913-05-B5-H	GHF0513AH	664	GB	20
					160	240	320					2.00	320	56C	HF-918-05-B5-H	GHF0518AH	710	GB	30
175	10:1	214	285	428								1.50	428	56C	HF-918-10-B5-H	GHF1018AH	710	GB	30
		312	468	624								2.02	630	56C	HF-921-10-B5-H	GHF1021AH	842	GB	35
117	15:1	641	961	1602								5.48	1755	180TC	HF-930-10-B9-H	GHF1030CH	1,527	GB	75
		89	118	179								0.66	25	56C	HF-913-15-B5-H	GHF1513AH	664	GB	20
		209	314	419								1.07	448	56C	HF-918-15-B5-H	GHF1518AH	710	GB	30
		246	369	492								1.35	664	56C	HF-921-15-B5-H	GHF1521AH	842	GB	35
		470	705	939								2.11	992	56C	HF-924-15-B5-H	GHF1524AH	1,013	GB	45
88	20:1	686	915	1373								4.14	1903	140TC	HF-930-15-B7-H	GHF1530BH	1,527	GB	75
		113	149	226								0.53	239	56C	HF-913-20-B5-H	GHF2013AH	664	GB	20
		165	251	376								0.92	461	56C	HF-918-20-B5-H	GHF2018AH	710	GB	30
		323	484	645								1.06	684	56C	HF-921-20-B5-H	GHF2021AH	842	GB	35
		451	602	902								1.72	1038	56C	HF-924-20-B5-H	GHF2024AH	1,013	GB	42
		609	913	1218								2.15	1309	56C	HF-926-20-B5-H	GHF2026AH	1,195	GB	56
70	25	880	1174	1761								3.31	1955	140TC	HF-930-20-B7-H	GHF2030BH	1,527	GB	72
		183	277	416								0.80	444	56C	HF-918-25-B5-H	GHF2518AH	710	GB	23
		250	379	569								0.89	675	56C	HF-921-25-B5-H	GHF2521AH	842	GB	32
		567	756	1134								1.73	1307	140TC	HF-926-25-B7-H	GHF2526BH	1,195	GB	56
58	30:1	711	1066	1422								2.78	1978	140TC	HF-930-25-B7-H	GHF2530BH	1,527	GB	88
		148	195									0.42	248	56C	HF-913-30-B5-H	GHF3013AH	664	GB	20
		216	327									0.72	470	56C	HF-918-30-B5-H	GHF3018AH	710	GB	30
		275	416	624								0.83	691	56C	HF-921-30-B5-H	GHF3021AH	842	GB	35
		420	630	840								1.32	1111	56C	HF-924-30-B5-H	GHF3024AH	1,013	GB	45
		641	854	1281								1.54	1313	56C	HF-926-30-B5-H	GHF3026AH	1,195	GB	56
		804	1206	1608								2.47	1978	140TC	HF-930-30-B7-H	GHF3030BH	1,527	GB	75
44	40:1	881	1322	1763								2.81	2462	140TC	HF-932-30-B7-H	GHF3032BH	1,655	GB	95
		180	238	360								0.64	461	56C	HF-918-40-B5-H	GHF4018AH	710	GB	30
		340	515									0.66	680	56C	HF-921-40-B5-H	GHF4021AH	842	GB	35
		521	781									0.99	1030	56C	HF-924-40-B5-H	GHF4024AH	1,013	GB	42
		524	786	1049								1.23	1296	56C	HF-926-40-B5-H	GHF4026AH	1,195	GB	56
		524	786	1049								1.23	1296	140TC	HF-926-40-B7-H	GHF4026BH	1,195	GB	56
35	50:1	1074	1611	2148								2.20	2374	140TC	HF-932-40-B7-H	GHF4032BH	1,655	GB	95
		177	234									0.33	234	56C	HF-913-50-B5-H	GHF5013AH	664	GB	20
		222	294									0.49	436	56C	HF-918-50-B5-H	GHF5018AH	710	GB	30
		280	370	561								0.58	651	56C	HF-921-50-B5-H	GHF5021AH	842	GB	35
		401	608	912								0.83	1014	56C	HF-924-50-B5-H	GHF5024AH	1,013	GB	45
		850	1134	1701								1.67	1890	56C	HF-930-50-B5-H	GHF5030AH	1,527	GB	75
29	60:1	958	1278	1917								1.83	2366	56C	HF-932-50-B5-H	GHF5032AH	1,655	GB	95
		220	290									0.47	413	56C	HF-918-60-B5-H	GHF6018AH	710	GB	30
		317	418	634								0.50	634	56C	HF-921-60-B5-H	GHF6021AH	842	GB	35
		458	693									0.69	958	56C	HF-924-60-B5-H	GHF6024AH	1,013	GB	42
		473	716	1074								0.82	1166	56C	HF-926-60-B5-H	GHF6026AH	1,195	GB	56
		896	1195	1795								1.50	1795	56C	HF-930-60-B5-H	GHF6030AH	1,527	GB	71
		1100	1467	2200								1.54	2255	56C	HF-932-60-B5-H	GHF6032AH	1,655	GB	92

NOTE: Service Class I Torque Ratings (1.0 Service Factor)
Service Class II Torque Ratings (≥ 1.4 Service Factor)
Service Class III Torque Ratings (≥ 2.0 Service Factor)

ATTENTION: Additional ratios, ratings and mounting configurations are available. Need a fully assembled gearmotor? Have your reducer and motor coupled by utilizing M34D from the Baldor Mod Express section. Please contact your local Baldor representative for assistance.

Vertical motor below gearhead not recommended Replacement oil – 1 Qt P/N MJ0006A05SP (Kubersynth UH1-6-460)

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.



900 Series – Stainless Steel – Right Angle – Quill Type – Solid Shaft



Features:

- Heavy duty CF-8 cast stainless construction
- 300 series stainless output shaft and hardware
- Patented Dodge HNBR oil seals on output
- O-ring sealed housing
- O-ring groove on motor mounting face
- Bronze gearing
- Tapered roller bearings on output
- Industry-standard mounting
- Food grade synthetic gear oil
- Vent-free housing prevents contamination
- BISSC certified

1.75 thru 2.62 CD

Applications:

- Conveyors
- Food processing equipment
- Chemical processing applications
- Material handling
- Packaging machinery
- Applications requiring sanitization

Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (in-lbs) Based on 1750 RPM Motor										Max Input Hp	Max Output Torque Rating In-lbs	NEMA Motor Mount	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.
		0.25	0.33	0.5	0.75	1	1.5	2	3	5	7.5								
350	5:1			160	240	320						2.00	320	56C	SSF-918-05-B5-G	SSGF0518AG	1,710	GB	30
				160	240	320						2.00	320	140TC	SSF-918-05-B7-G	SSGF0518BG	1,710	GB	30
				246	327	491						3.14	514	140TC	SSF-921-05-B7-G	SSGF0521BG	2,001	GB	35
				339	508	847						5.43	919	140TC	SSF-926-05-B7-G	SSGF0526BG	2,813	GB	65
175	10:1			214	285	428						1.50	428	56C	SSF-918-10-B5-G	SSGF1018AG	1,710	GB	30
				214	285	428						1.50	428	140TC	SSF-918-10-B7-G	SSGF1018BG	1,710	GB	30
				312	468	624						2.02	630	140TC	SSF-921-10-B7-G	SSGF1021BG	2,001	GB	35
				655	983							3.59	1177	140TC	SSF-926-10-B7-G	SSGF1026BG	2,813	GB	65
117	15:1			209	314	419						1.07	448	56C	SSF-918-15-B5-G	SSGF1518AG	1,710	GB	30
				246	369	492						1.35	664	56C	SSF-921-15-B5-G	SSGF1521AG	2,001	GB	35
				473	710	947						2.58	1225	140TC	SSF-926-15-B7-G	SSGF1526BG	2,813	GB	65
				165	251	376						0.92	461	56C	SSF-918-20-B5-G	SSGF2018AG	1,710	GB	30
88	20:1			323	484	645						1.06	684	56C	SSF-921-20-B5-G	SSGF2021AG	2,001	GB	35
				609	913	1218						2.15	1308	140TC	SSF-926-20-B7-G	SSGF2026BG	2,813	GB	65
				183	277	416						0.80	444	56C	SSF-918-25-B5-G	SSGF2518AG	1,710	GB	30
				250	379	569						0.89	675	56C	SSF-921-25-B5-G	SSGF2521AG	2,001	GB	35
70	25:1			567	756	1134						1.73	1307	140TC	SSF-926-25-B7-G	SSGF2526BG	2,813	GB	65
				216	327							0.72	470	56C	SSF-918-30-B5-G	SSGF3018AG	1,710	GB	30
				275	416	624						0.83	691	56C	SSF-921-30-B5-G	SSGF3021AG	2,001	GB	35
				641	854	1281						1.54	1313	140TC	SSF-926-30-B7-G	SSGF3026BG	2,813	GB	56
58	30:1			180	238	360						0.64	461	56C	SSF-918-40-B5-G	SSGF4018AG	1,710	GB	30
				340	515							0.66	680	56C	SSF-921-40-B5-G	SSGF4021AG	2,001	GB	35
				524	786	1049						1.23	1296	140TC	SSF-926-40-B7-G	SSGF4026BG	2,813	GB	56
				222	294							0.49	436	56C	SSF-918-50-B5-G	SSGF5018AG	1,710	GB	30
44	40:1			280	370	561						0.58	651	56C	SSF-921-50-B5-G	SSGF5021AG	2,001	GB	35
				621	932	1242						1.00	1242	56C	SSF-926-50-B5-G	SSGF5026BG	2,813	GB	60
				220	290							0.47	413	56C	SSF-918-60-B5-G	SSGF6018AG	1,710	GB	30
				317	418	634						0.50	634	56C	SSF-921-60-B5-G	SSGF6021AG	2,001	GB	35
35	50:1			473	716	1074						0.82	1166	56C	SSF-926-60-B5-G	SSGF6026BG	2,813	GB	56

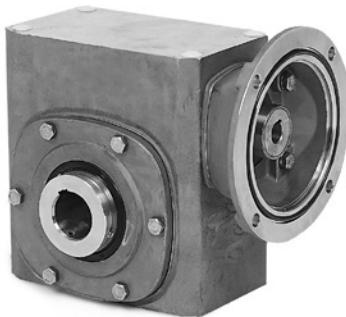
NOTE: Service Class I Torque Ratings (1.0 Service Factor)
Service Class II Torque Ratings (≥ 1.4 Service Factor)
Service Class III Torque Ratings (≥ 2.0 Service Factor)

Refer to Brochure CA1600 for Dimensions and Engineering Information.

Vertical motor below gearhead not recommended.
Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.
Replacement oil – 1 Qt P/N MJ0006A05SP (Klubersynth UH1-6-460)

ATTENTION: Additional ratios, ratings and mounting configurations are available.
Need a fully assembled gearmotor? Have your reducer and motor coupled by utilizing M34D from the Baldor Mod Express section.
Please contact your local Baldor representative for assistance.

900 Series – Stainless Steel – Right Angle – Quill Type – Hollow Shaft

1.75 thru 2.62 CD


SSGHF2026AH Shown

Features:

- Heavy duty CF-8 cast stainless construction
- 300 series stainless output shaft and hardware
- Patented Dodge HNBR oil seals on output
- O-ring sealed housing
- O-ring groove on motor mounting face
- Bronze gearing
- Tapered roller bearings on output
- Industry-standard mounting
- Food grade synthetic gear oil
- Vent-free housing prevents contamination
- BISSC certified

Applications:

- Conveyors
- Food processing equipment
- Chemical processing applications
- Material handling
- Packaging machinery
- Any shaft mount applications requiring sanitization

Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-lbs) Based on 1750 RPM Motor									Max Input Hp	Max Output Torque Rating In-lbs	NEMA Motor Mount	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.
		0.25	0.33	0.5	0.75	1	1.5	2	3	5								
350	5:1				160	240	320				2.00	320	56C	SSHF-918-05-B5-H	SSGHF0518AH	1,805	GB	30
175	10:1				214	285	428				1.50	428	56C	SSHF-918-10-B5-H	SSGHF1018AH	1,805	GB	30
					312	468	624				2.02	630	56C	SSHF-921-10-B5-H	SSGHF1021AH	2,091	GB	38
								990	1649		6.36	2106	180TC	SSHF-932-10-B9-H	SSGHF1032CH	4,633	GB	100
					209	314	419				1.07	448	56C	SSHF-918-15-B5-H	SSGHF1518AH	1,805	GB	30
117	15:1				246	369	492				1.35	664	56C	SSHF-921-15-B5-H	SSGHF1521AH	2,091	GB	38
								959	1438		4.66	2241	180TC	SSHF-932-15-B9-H	SSGHF1532CH	4,633	GB	100
					165	251	376				0.92	461	56C	SSHF-918-20-B5-H	SSGHF2018AH	1,805	GB	30
88	20:1				323	484	645				1.06	684	56C	SSHF-921-20-B5-H	SSGHF2021AH	2,091	GB	38
								609	913	1218	2.15	1309	56C	SSHF-926-20-B5-H	SSGHF2026AH	3,009	GB	60
								924	1232	1848	3.85	2383	180TC	SSHF-932-20-B9-H	SSGHF2032CH	4,633	GB	100
					216	327					0.72	470	56C	SSHF-918-30-B5-H	SSGHF3018AH	1,805	GB	30
58	30:1				275	416	624				0.83	691	56C	SSHF-921-30-B5-H	SSGHF3021AH	2,091	GB	38
								641	854	1281	1.54	1313	56C	SSHF-926-30-B5-H	SSGHF3026AH	3,009	GB	60
								881	1322	1763	2.81	2482	140TC	SSHF-932-30-B7-H	SSGHF3032BH	4,633	GB	100
					180	238	360				0.64	461	56C	SSHF-918-40-B5-H	SSGHF4018AH	1,805	GB	30
44	40:1				340	515					0.66	680	56C	SSHF-921-40-B5-H	SSGHF4021AH	2,091	GB	38
								524	786	1049	1.23	1296	56C	SSHF-926-40-B5-H	SSGHF4026AH	3,009	GB	60
								524	786	1049	1.23	1296	140TC	SSHF-926-40-B7-H	SSGHF4026BH	3,009	GB	60
								1180	1620	2160	2.20	2374	140TC	SSHF-932-40-B7-H	SSGHF4032BH	4,633	GB	100
35	50:1				222	294					0.49	436	56C	SSHF-918-50-B5-H	SSGHF5018AH	1,805	GB	30
					280	370	561				0.58	651	56C	SSHF-921-50-B5-H	SSGHF5021AH	2,091	GB	38
								621	932	1242	1.00	1242	56C	SSHF-926-50-B5-H	SSGHF5026AH	3,009	GB	53
								958	1278	1917	1.83	2366	140TC	SSHF-932-50-B7-H	SSGHF5032BH	4,633	GB	100
29	60:1				220	290					0.47	413	56C	SSHF-918-60-B5-H	SSGHF6018AH	1,805	GB	30
					317	418	634				0.50	634	56C	SSHF-921-60-B5-H	SSGHF6021AH	2,091	GB	38
								473	716	1074	0.82	1166	56C	SSHF-926-60-B5-H	SSGHF6026AH	3,009	GB	60
								1100	1467	2200	1.54	2255	140TC	SSHF-932-60-B7-H	SSGHF6032BH	4,633	GB	100

NOTE: Service Class I Torque Ratings (1.0 Service Factor)
Service Class II Torque Ratings (≥ 1.4 Service Factor)
Service Class III Torque Ratings (≥ 2.0 Service Factor)

Refer to Brochure CA1600 for Dimensions and Engineering Information.

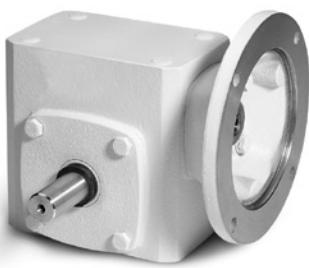
Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.
Replacement oil - 1 Qt P/N MJ0006A05SP (Kubersynth UH1-6-460)

ATTENTION: Additional ratios, ratings and mounting configurations are available.

Need a fully assembled gearmotor? Have your reducer and motor coupled by utilizing M34D from the Baldor Mod Express section.
Please contact your local Baldor representative for assistance.

900 Series – Washdown – Right Angle – Quill Type – Solid Shaft

1.33 thru 3.25 CD


WDGF1018AG Shown

Features:

- Heavy duty CF-8 cast stainless construction
- 300 series stainless output shaft and hardware
- V-ring slinger on output shaft
- O-ring sealed housing
- O-ring groove on motor mounting face
- Bronze gearing

- Tapered roller bearings on output
- Industry-standard mounting
- Food grade synthetic gear oil
- Vent-free housing prevents contamination
- BISSC certified

Applications:

- Conveyors
- Food processing equipment
- Material handling
- Packaging machinery
- Applications which receive washdown

Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-lbs) Based on 1750 RPM Motor									Max Input Hp	Max Output Torque Rating In-lbs	NEMA Motor Mount	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.
		0.25	0.33	0.5	0.75	1	1.5	2	3	5								
350	5:1					160	240	320			2.00	320	56C	WDF-918-05-B5-G	WDGF0518AG	675	GB	30
175	10:1	82	125	187							0.90	225	56C	WDF-913-10-B5-G	WDGF1013AG	628	GB	20
		141	211	282							1.03	290	56C	WDF-915-10-B5-G	WDGF1015AG	664	GB	25
		141	211	282							1.03	290	140TC	WDF-915-10-B7-G	WDGF1015BG	664	GB	25
		214	285	428							1.50	428	56C	WDF-918-10-B5-G	WDGF1018AG	675	GB	30
		312	468	624							2.20	630	56C	WDF-921-10-B5-G	WDGF1021AG	832	GB	35
117	15:1	317	475	634							2.73	893	140TC	WDF-924-10-B7-G	WDGF1024BG	974	GB	40
		89	118	179							0.66	225	56C	WDF-913-15-B5-G	WDGF1513AG	628	GB	20
		127	193	289							0.81	312	56C	WDF-915-15-B5-G	WDGF1515AG	664	GB	25
		209	314	419							1.07	448	56C	WDF-918-15-B5-G	WDGF1518AG	675	GB	30
		246	369	492							1.35	664	56C	WDF-921-15-B5-G	WDGF1521AG	832	GB	35
88	20:1	470	705	939							2.11	992	56C	WDF-924-15-B5-G	WDGF1524AG	974	GB	40
		113	149	226							0.53	239	56C	WDF-913-20-B5-G	WDGF2013AG	628	GB	20
		128	169	256							0.62	317	56C	WDF-915-20-B5-G	WDGF2015AG	664	GB	25
		165	251	376							0.92	461	56C	WDF-918-20-B5-G	WDGF2018AG	675	GB	30
		609	913	1218							2.15	1309	140TC	WDF-926-20-B7-G	WDGF2026BG	1,113	GB	52
58	30:1	216	327								0.72	470	56C	WDF-918-30-B5-G	WDGF3018AG	675	GB	30
		275	416	624							0.83	691	56C	WDF-921-30-B5-G	WDGF3021AG	832	GB	35
		420	630	840							1.32	111	56C	WDF-924-30-B5-G	WDGF3024AG	974	GB	40
		641	854	1281							1.54	1313	56C	WDF-926-30-B5-G	WDGF3026AG	1,113	GB	55
		881	1322	1763							2.81	2462	140TC	WDF-932-30-B7-G	WDGF3032BG	1,633	GB	87
44	40:1	208	275								0.44	317	56C	WDF-915-40-B5-G	WDGF4015AG	664	GB	25
		180	238	360							0.64	461	56C	WDF-918-40-B5-G	WDGF4018AG	675	GB	30
		340	515								0.66	680	56C	WDF-921-40-B5-G	WDGF4021AG	832	GB	35
		521	781								0.99	1030	56C	WDF-924-40-B5-G	WDGF4024AG	974	GB	40
		524	786	1049							1.23	1296	56C	WDF-926-40-B5-G	WDGF4026AG	1,113	GB	55
35	50:1	1081	1622	2163							2.20	2374	140TC	WDF-932-40-B7-G	WDGF4032BG	1,633	GB	87
		177	234								0.33	234	56C	WDF-913-50-B5-G	WDGF5013AG	628	GB	20
		230	303								0.33	303	56C	WDF-915-50-B5-G	WDGF5015AG	664	GB	25
		280	370	561							0.58	651	56C	WDF-921-50-B5-G	WDGF5021AG	832	GB	35
		401	608	912							0.83	1014	56C	WDF-924-50-B5-G	WDGF5024AG	974	GB	40
29	60:1	621	932	1242							1.00	1242	56C	WDF-926-50-B5-G	WDGF5026AG	1,113	GB	55
		958	1278	1917							1.83	2366	140TC	WDF-932-50-B7-G	WDGF5032BG	1,633	GB	92
		218	288								0.33	288	56C	WDF-915-60-B5-G	WDGF6015AG	664	GB	25
		220	290								0.47	413	56C	WDF-918-60-B5-G	WDGF6018AG	675	GB	30
		317	418	634							0.50	634	56C	WDF-921-60-B5-G	WDGF6021AG	832	GB	35
NOTE:		458	693								0.69	956	56C	WDF-924-60-B5-G	WDGF6024AG	974	GB	40
		473	716	1074							0.82	1166	56C	WDF-926-60-B5-G	WDGF6026AG	1,113	GB	55
		1100	1467	2200							1.54	2255	56C	WDF-932-60-B5-G	WDGF6032AG	1,633	GB	92

Vertical motor below gearhead not recommended

Replacement oil - 1 Qt P/N MJ0006A05SP (Klubersynth UH1-6-460)

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.

ATTENTION: Additional ratios, ratings and mounting configurations are available. Need a fully assembled gearmotor? Have your reducer and motor coupled by utilizing M34D from the Baldor Mod Express section. Please contact your local Baldor representative for assistance.

900 Series – Right Angle – Coupling Type – Solid Shaft

1.33 thru 3.75 CD



GLF1018AG Shown

Features:

- Heavy duty cast iron construction
- Bronze gearing
- Tapered roller bearings on output
- Industry-standard mounting
- Food grade synthetic gear oil
- Vent-free housing prevents contamination

Applications:

- Conveyors
- Material handling
- Textile machines
- Packaging machinery
- Metering pumps
- Applications where a 3-piece coupling could soften shock loads

Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-lbs) Based on 1750 RPM Motor									Max Input Hp	Max Output Torque Rating In-lbs	NEMA Motor Mount	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.
		0.25	0.33	0.5	0.75	1	1.5	2	3	5								
350	5:1				115	154	231				1.50	231	56C	LF-915-05-B5-G	GLF0515AG	561	GB	30
223	7.5:1				237	356	474				2.70	640	56C	LF-921-7.5-B5-G	GLF0821AG	710	GB	38
					237	356	474				2.70	640	56C	LF-921-7.5-B5-J	GLF0821AJ	710	GB	38
					237	356	474				2.70	640	140TC	LF-921-7.5-B7-G	GLF0821BG	710	GB	38
							501	752			4.30	1079	140TC	LF-926-7.5-B7-G	GLF0826BG	974	GB	60
							501	752			4.30	1079	180TC	LF-926-7.5-B9-G	GLF0826CG	974	GB	60
175	10:1				214	285	428				1.50	428	56C	LF-918-10-B5-G	GLF1018AG	575	GB	32
					312	468	624				2.02	630	56C	LF-921-10-B5-G	GLF1021AG	710	GB	38
					312	468	624				2.02	630	140TC	LF-921-10-B7-G	GLF1021BG	710	GB	38
					312	468	624				2.02	630	140TC	LF-921-10-B7-J	GLF1021BJ	710	GB	38
					317	475	634				2.73	893	140TC	LF-924-10-B7-G	GLF1024BG	834	GB	45
							655	983			3.59	1177	140TC	LF-926-10-B7-G	GLF1026BG	974	GB	60
							655	983			3.59	1177	180TC	LF-926-10-B9-G	GLF1026CG	974	GB	60
								990	1649		6.36	2106	180TC	LF-932-10-B9-G	GLF1032CG	1,419	GB	104
117	15:1				89	118	179				0.66	2228	56C	LF-913-15-B5-G	GLF1513AG	516	GB	20
					246	369	492				1.35	664	56C	LF-921-15-B5-G	GLF1521AG	710	GB	38
					246	369	492				1.35	664	56C	LF-921-15-B5-J	GLF1521AJ	710	GB	38
					473	710	947				2.58	1225	140TC	LF-926-15-B7-G	GLF1526BG	974	GB	60
					473	710	947				2.58	1225	140TC	LF-926-15-B7-J	GLF1526BJ	974	GB	60
							959	1438			4.66	2241	180TC	LF-932-15-B9-G	GLF1532CG	1,419	GB	100
88	20:1						959	1438			4.66	2241	180TC	LF-932-15-B9-J	GLF1532CJ	1,419	GB	105
								1409	2349		6.64	3118	180TC	LF-938-15-B9-G	GLF1538CG	1,733	GB	130
					113	149	226				0.53	239	56C	LF-913-20-B5-G	GLF2013AG	516	GB	20
					165	251	376				0.92	464	56C	LF-918-20-B5-G	GLF2018AG	575	GB	32
					323	484	645				1.06	684	56C	LF-921-20-B5-G	GLF2021AG	710	GB	38

NOTE: Service Class I Torque Ratings (1.0 Service Factor)
Service Class II Torque Ratings (≥ 1.4 Service Factor)
Service Class III Torque Ratings (≥ 2.0 Service Factor)

Optional Shaft Positions, Base Installation and Motor Mounting available through Mod Express.
Refer to a Baldor District Office for pricing and delivery.

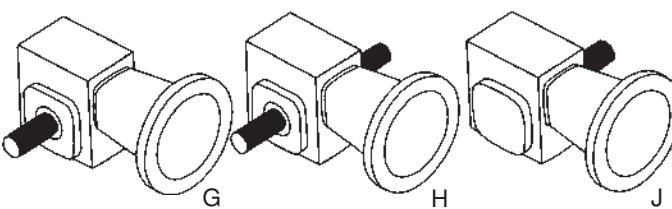
Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.
Replacement oil – 1 Qt P/N MJ0006A05SP (Kubersynth UH1-6-460)

ATTENTION: Additional ratios, ratings and mounting configurations are available.

Need a fully assembled gearmotor? Have your reducer and motor coupled by utilizing M34D from the Baldor Mod Express section.
Please contact your local Baldor representative for assistance.

Assembly Types



900 Series – Right Angle – Coupling Type – Solid Shaft continued...

Definite Purpose Motors	Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-lbs) Based on 1750 RPM Motor									Max Input Hp	Max Output Torque Rating In-lbs	NEMA Motor Mount	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.
			0.25	0.33	0.5	0.75	1	1.5	2	3	5								
Unit Handling Motors	88	20:1	323	484	645							1.06	684	56C	LF-921-20-B5-J	GLF2021AJ	710	GB	38
			609	913	1218							2.15	1308	140TC	LF-926-20-B7-G	GLF2026BG	974	GB	60
			609	913	1218							2.15	1308	140TC	LF-926-20-B7-J	GLF2026BJ	974	GB	60
			924	1232	1848							3.85	2383	180TC	LF-932-20-B9-G	GLF2032CG	1,419	GB	100
Brake Motors	70	25:1	156	296	312							0.51	318	56C	LF-915-25-B5-G	GLF2515AG	561	GB	30
			183	277	416							0.80	444	56C	LF-918-25-B5-B	GLF2518AG	575	GB	32
			250	379	549							0.89	675	56C	LF-921-25-B5-G	GLF2521AG	710	GB	38
			250	379	569							0.89	675	56C	LF-921-25-B5-J	GLF2521AJ	710	GB	38
			567	756	1134							1.73	1307	56C	LF-926-25-B5-G	GLF2526AG	974	GB	60
			567	756	1134							1.73	1307	140TC	LF-926-25-B7-G	GLF2526BG	974	GB	60
			567	756	1134							1.73	1307	140TC	LF-926-25-B7-J	GLF2526BJ	974	GB	60
			1134	1513	2269							3.13	2355	140TC	LF-932-25-B7-G	GLF2532BG	1,419	GB	100
IEC Frame Motors	58	30:1	1134	1513	2269							3.13	2355	180TC	LF-932-25-B9-G	GLF2532CG	1,419	GB	100
			1134	1513	2269							3.13	2355	180TC	LF-932-25-B9-J	GLF2532CJ	1,419	GB	100
			148	195								0.42	248	56C	LF-913-30-B5-G	GLF3013AG	516	GB	20
			159	210	318							0.50	318	56C	LF-915-30-B5-G	GLF3015AG	561	GB	30
50 Hertz Motors	44	40:1	216	327								0.72	470	56C	LF-918-30-B5-G	GLF3018AG	575	GB	32
			216	327								0.72	470	56C	LF-918-30-B5-J	GLF3018AJ	575	GB	32
			275	416	624							0.83	691	56C	LF-921-30-B5-G	GLF3021AG	710	GB	38
			420	630	840							1.32	1111	56C	LF-924-30-B5-G	GLF3024AG	834	GB	45
Inverter/Vector Motors & Controls	35	50:1	641	854	1281							1.54	1313	140TC	LF-926-30-B7-G	GLF3026BG	974	GB	60
			641	854	1281							1.54	1313	140TC	LF-926-30-B7-J	GLF3026BJ	974	GB	60
			881	1322	1763							2.81	2482	180TC	LF-932-30-B9-G	GLF3032CG	1,419	GB	100
			1626	2438								3.97	3226	180TC	LF-938-30-B9-G	GLF3038CG	1,733	GB	130
DC Motors and Controls	29	60:1	180	238	360							0.64	461	56C	LF-918-40-B5-G	GLF4018AG	575	GB	32
			521	781								0.99	1030	56C	LF-924-40-B5-G	GLF4024AG	834	GB	45
			524	786	1049							1.23	1296	56C	LF-926-40-B5-G	GLF4026AG	974	GB	60
			1180	1620	2160							2.20	2374	140TC	LF-932-40-B7-G	GLF4032BG	1,419	GB	100
Gearmotors and Gear Products	35	50:1	1596	2129	3192							3.00	3192	180TC	LF-938-40-B9-G	GLF4038CG	1,733	GB	130
			280	370	561							0.58	651	56C	LF-921-50-B5-G	GLF5021AG	710	GB	38
Accessories	29	60:1	621	932	1242							1.00	1242	56C	LF-926-50-B5-G	GLF5026AG	974	GB	60
			218	288								0.33	288	56C	LF-915-60-B5-G	GLF6015AG	561	GB	30
			220	290								0.47	413	56C	LF-918-60-B5-G	GLF6018AG	575	GB	32
			317	418	634							0.50	634	56C	LF-921-60-B5-G	GLF6021AG	710	GB	38
			473	716	1074							0.82	1166	56C	LF-926-60-B5-G	GLF6026AG	974	GB	60
			1100	1467	2200							1.54	2255	56C	LF-932-60-B5-G	GLF6032AG	1,419	GB	100
			1100	1467	2200							1.54	2255	140TC	LF-932-60-B7-G	GLF6032BG	1,419	GB	100

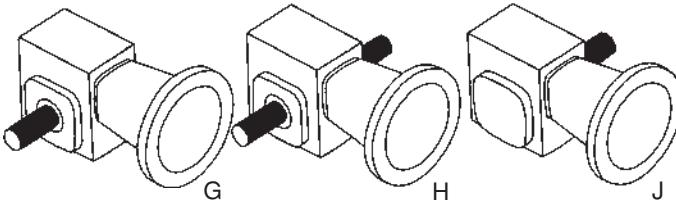
NOTE: Service Class I Torque Ratings (1.0 Service Factor)
 Service Class II Torque Ratings (≥ 1.4 Service Factor)
 Service Class III Torque Ratings (≥ 2.0 Service Factor)

Optional Shaft Positions, Base Installation and Motor Mounting available through Mod Express.
 Refer to a Baldor District Office for pricing and delivery.

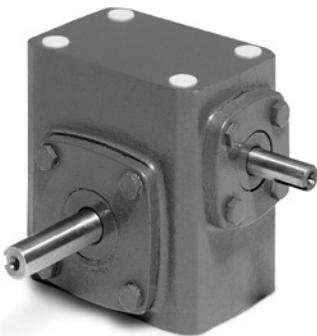
Vertical motor below gearhead not recommended.
 Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.
 Replacement oil – 1 Qt P/N MJ0006A05SP (Kubersynth UH1-6-460)

ATTENTION: Additional ratios, ratings and mounting configurations are available.
 Need a fully assembled gearmotor? Have your reducer and motor coupled by utilizing M34D from the Baldor Mod Express section.
 Please contact your local Baldor representative for assistance.

Assembly Types



900 Series – Right Angle – Solid Shaft



GS3018G Shown

Features:

- Heavy duty cast iron construction
- Bronze gearing
- Tapered roller bearings on output
- Industry-standard mounting
- Food grade synthetic gear oil
- Vent-free housing prevents contamination

Applications:

- Conveyors
- Material handling
- Textile machines
- Packaging machinery
- Metering pumps

Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-lbs) Based on 1750 RPM Motor									Max Input Hp	Max Output Torque Rating In-lbs	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.
		0.25	0.33	0.5	0.75	1	1.5	2	3	5							
175	10:1	214	285	428							1.50	428	S-918-10-G	GS1018G	482	GB	25
		312	468	624							2.02	630	S-921-10-G	GS1021G	568	GB	28
		492	655								3.59	1177	S-926-10-G	GS1026G	798	GB	50
117	15:1	96	127	193							0.66	225	S-915-15-G	GS1515G	476	GB	21
		209	314	419							1.07	448	S-918-15-G	GS1518G	482	GB	25
		246	369	492							1.35	664	S-921-15-G	GS1521G	568	GB	28
88	20:1	165	251	376							0.92	461	S-918-20-G	GS2018G	482	GB	25
		323	484	645							1.06	684	S-921-20-G	GS2021G	568	GB	28
		451	602	902							1.72	1038	S-924-20-G	GS2024G	708	GB	38
		609	913	1218							2.15	1308	S-926-20-G	GS2026G	798	GB	50
		156	206	312							0.51	318	S-915-25-G	GS2515G	476	GB	21
58	30:1	148	195								0.42	248	S-913-30-G	GS3013G	461	GB	18
		216	327								0.72	470	S-918-30-G	GS3018G	482	GB	25
		275	416	624							0.83	691	S-921-30-G	GS3021G	568	GB	28
		641	854	1281							1.54	1313	S-926-30-G	GS3026G	798	GB	50
44	40:1	208	275								0.38	317	S-915-40-G	GS4015G	476	GB	21
		180	238	360							0.64	461	S-918-40-G	GS4018G	482	GB	25
		340	515								0.66	680	S-921-40-G	GS4021G	568	GB	28
		524	786	1049							1.23	1296	S-926-40-G	GS4026G	798	GB	50
35	50:1	222	294								0.49	436	S-918-50-G	GS5018G	482	GB	25
		280	370	561							0.59	651	S-921-50-G	GS5021G	568	GB	28
		621	932	1242							1.00	1242	S-926-50-G	GS5026G	798	GB	50
29	60:1	179									0.28	201	S-913-60-G	GS6013G	461	GB	15
		218	288								0.33	288	S-915-60-G	GS6015G	476	GB	21
		220	290								0.47	413	S-918-60-G	GS6018G	482	GB	25
		317	418	634							0.50	634	S-921-60-G	GS6021G	568	GB	31
		458	693								0.69	958	S-924-60-G	GS6024G	708	GB	38
		473	716	1074							0.82	1166	S-926-60-G	GS6026G	798	GB	50

NOTE: Service Class I Torque Ratings (1.0 Service Factor)
Service Class II Torque Ratings (≥ 1.4 Service Factor)
Service Class III Torque Ratings (≥ 2.0 Service Factor)

Optional Shaft Positions and Base Installation available through Mod Express.
Refer to a Baldor District Office for pricing and delivery.

Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.
Replacement oil – 1 Qt P/N MJ0006A05SP (Klubersynth UH1-6-460)

ATTENTION: Additional ratios, ratings and mounting configurations are available.
Need a fully assembled gearmotor? Have your reducer and motor coupled by utilizing M34D from the Baldor Mod Express section.
Please contact your local Baldor representative for assistance.

Universal Series – Right Angle –

Quill Type – Solid Shaft



GSF2018AA Shown

Features:

- Heavy duty cast iron construction
- Cast integral mount feet top and bottom
- Bronze gearing
- Tapered roller bearings on output
- Classic industry-standard mounting
- Food grade synthetic gear oil
- Vent-free housing prevents contamination

Applications:

- Conveyors
- Material handling
- Textile machines
- Packaging machinery
- Metering pumps

Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-lbs) Based on 1750 RPM Motor										Max Input Hp	Max Output Torque Rating In-lbs	NEMA Motor Mount	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.
		0.18	0.25	0.33	0.5	0.75	1	1.5	2	3	5								
175	10:1		109	163								0.64	207	56C	STF-133-10-A-A	GSF1013AA	629	GB	21
				245	327							1.22	396	56C	STF-175-10-A-A	GSF1018AA	689	GB	22
			245	327								1.22	396	140TC	STF-175-10-B-A	GSF1018BA	689	GB	23
			244	325	488							1.77	572	56C	STF-200-10-A-A	GSF1020AA	821	GB	30
				325	488							1.77	572	140TC	STF-200-10-B-A	GSF1020BA	821	GB	29
			325	488	651							2.44	788	140TC	STF-225-10-B-A	GSF1023BA	932	GB	32
				488	651							3.43	1109	140TC	STF-258-10-B-A	GSF1026BA	1,188	GB	49
					651	976						3.43	1109	180TC	STF-258-10-C-A	GSF1026CA	1,188	GB	55
						652	978					4.40	1426	180TC	STF-300-10-C-A	GSF1030CA	1,357	GB	61
			119	159								0.46	221	56C	STF-133-15-A-A	GSF1513AA	629	GB	21
117	15:1		159	239	359							0.87	416	56C	STF-175-15-A-A	GSF1518AA	689	GB	23
			238	357	475							1.28	605	56C	STF-200-15-A-A	GSF1520AA	821	GB	29
			359	478	717							1.84	875	56C	STF-225-15-A-A	GSF1523AA	932	GB	34
				478	717							1.84	875	140TC	STF-225-15-B-A	GSF1523BA	932	GB	33
			478	717	956							2.50	1188	140TC	STF-258-15-B-A	GSF1526BA	1,188	GB	51
				717	956							3.25	1544	140TC	STF-300-15-B-A	GSF1530BA	1,357	GB	57
			717	956	1434							3.25	1544	180TC	STF-300-15-C-A	GSF1530CA	1,357	GB	61
				956	1434	2391						5.35	2525	180TC	STF-350-15-C-A	GSF1535CA	1,862	GB	89
			102	154	205							0.36	220	56C	STF-133-20-A-A	GSF2013AA	629	GB	20
			205	308								0.68	419	56C	STF-175-20-A-A	GSF2018AA	689	GB	23
88	20:1		308	462	616							1.00	612	56C	STF-200-20-A-A	GSF2020AA	821	GB	30
			308	462	616							1.00	612	140TC	STF-200-20-B-A	GSF2020BA	821	GB	28
			309	463	617							1.35	8.28	56C	STF-225-20-A-A	GSF2023AA	932	GB	34
			309	463	617							1.35	8.28	140TC	STF-225-20-B-A	GSF2023BA	932	GB	33
				461	615	923						1.92	1174	56C	STF-258-20-A-A	GSF2026AA	1,188	GB	51
			615	923								1.92	1174	140TC	STF-258-20-B-A	GSF2026BA	1,188	GB	51
			615	923	1230							2.52	1541	140TC	STF-300-20-B-A	GSF2030BA	1,357	GB	57
				923	1230							2.52	1541	180TC	STF-300-20-C-A	GSF2030CA	1,357	GB	62
					1230	1845						3.89	2363	180TC	STF-350-20-C-A	GSF2035CA	1,862	GB	93

NOTE: Service Class I Torque Ratings (1.0 Service Factor)
Service Class II Torque Ratings (≥ 1.4 Service Factor)
Service Class III Torque Ratings (≥ 2.0 Service Factor)

Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.
Replacement oil – 1 Qt P/N MJ0006A05SP (Klubersynth UH1-6-460)

ATTENTION: Additional ratios, ratings and mounting configurations are available.

Need a fully assembled gearmotor? Have your reducer and motor coupled by utilizing M34D from the Baldor Mod Express section.
Please contact your local Baldor representative for assistance.

Universal Series – Right Angle – Quill Type – Solid Shaft continued...

Nominal Output RPM @ 1750 RPM In	Gear Ratio	Continuous Duty Output Torque (In-lbs) Based on 1750 RPM Motor									Max Input Hp	Max Output Torque Rating In-lbs	NEMA Motor Mount	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x Shpg. Wgt.
		0.18	0.25	0.33	0.5	0.75	1	1.5	2	3								
70	25:1	123	186								0.29	218	56C	STF-133-25-A-A	GSF2513AA	629	GB	21
		186	247	371							0.55	406	56C	STF-175-25-A-A	GSF2518AA	689	GB	23
		247	371	557							0.81	601	56C	STF-200-25-A-A	GSF2520AA	821	GB	29
		375	563	751							1.09	814	56C	STF-225-25-A-A	GSF2523AA	932	GB	33
					744	1114	1489				2.08	1539	140TC	STF-300-25-B-A	GSF2530BA	1,357	GB	56
58	30:1	145	218								0.24	214	56C	STF-133-30-A-A	GSF3013AA	629	GB	21
		218	289								0.47	406	56C	STF-175-30-A-A	GSF3018AA	689	GB	22
		289	435	652							0.77	665	56C	STF-200-30-A-A	GSF3020AA	821	GB	30
		435	652								0.98	847	56C	STF-225-30-A-A	GSF3023AA	932	GB	33
		435	652	869							1.35	1166	56C	STF-258-30-A-A	GSF3026AA	1,188	GB	50
		869	1304								1.74	1501	140TC	STF-300-30-B-A	GSF3030BA	1,357	GB	57
				869	1304	1739					2.82	2443	140TC	STF-350-30-B-A	GSF3035BA	1,862	GB	90
44	40:1	181									0.19	206	56C	STF-133-40-A-A	GSF4013AA	629	GB	21
		180	272	362							0.36	389	56C	STF-175-40-A-A	GSF4018AA	689	GB	11
		272	362	543							0.52	568	56C	STF-200-40-A-A	GSF4020AA	821	GB	30
		364	547								0.71	772	56C	STF-225-40-A-A	GSF4023AA	932	GB	33
		545	817	1090							1.01	1095	56C	STF-258-40-A-A	GSF4026AA	1,188	GB	51
		542	815	1087							1.36	1470	56C	STF-300-40-A-A	GSF4030AA	1,357	GB	57
		542	815	1087							1.36	1470	140TC	STF-300-40-B-A	GSF4030BA	1,357	GB	54
				1087	1630	2173					2.24	2405	140TC	STF-350-40-B-A	GSF4035BA	1,862	GB	87
35	50:1	210									0.15	191	56C	STF-133-50-A-A	GSF5013AA	629	GB	21
		210	316								0.28	360	56C	STF-175-50-A-A	GSF5018AA	689	GB	23
		211	317	423							0.42	536	56C	STF-200-50-A-A	GSF5020AA	821	GB	30
		317	422								0.55	693	56C	STF-225-50-A-A	GSF5023AA	932	GB	33
		422	634	951							0.79	995	56C	STF-258-50-A-A	GSF5026AA	1,188	GB	51
		634	952	1270							1.07	1350	140TC	STF-300-50-B-A	GSF5030BA	1,357	GB	57
				952	1270	1904					1.75	2196	140TC	STF-350-50-B-A	GSF5035BA	1,862	GB	89
29	60:1	235									0.24	343	56C	STF-175-60-A-A	GSF6018AA	689	GB	23
		234	353	470							0.36	505	56C	STF-200-60-A-A	GSF6020AA	821	GB	29
		346	461	692							0.51	702	56C	STF-225-60-A-A	GSF6023AA	932	GB	33
		470	706								0.69	976	56C	STF-258-60-A-A	GSF6026AA	1,188	GB	51
		706	1059								0.84	1179	56C	STF-300-60-A-A	GSF6030AA	1,357	GB	56
		1059	1413	2119							1.50	2128	140TC	STF-350-60-B-A	GSF6035BA	1,862	GB	89

NOTE: Service Class I Torque Ratings (1.0 Service Factor)
Service Class II Torque Ratings (≥ 1.4 Service Factor)
Service Class III Torque Ratings (≥ 2.0 Service Factor)

Optional Shaft Positions, Bases Installation and Motor Mounting available through Mod Express.
Refer to Baldor District Office for Price and Delivery.

Vertical motor below gearhead not recommended.

Avoiding those positions where the high speed oil seal is immersed in oil, will provide greater security against high speed input seal wear.
Replacement oil – 1 Qt P/N MJ0006A05SP (Kubersynth UH1-6-460)

ATTENTION: Additional ratios, ratings and mounting configurations are available.
Need a fully assembled gearmotor? Have your reducer and motor coupled by utilizing M34D from the Baldor Mod Express section.
Please contact your local Baldor representative for assistance.

Inline Helical



4 Sizes

Features:

- Heavy duty cast iron construction
- High torque in a compact design
- Clamp collar input connection
- Hardened and ground AGMA class 11 gears
- Synthetic gear oil lubrication

Applications:

- Conveyors
- Material handling
- Textile machines
- Packaging machinery

Nominal RPMs	Continuous Duty Output Torque (in-lbs.) Based on 1750 RPM Motors											Max Input Hp	Max Output Torque Rating in-lbs.	NEMA	Style Number	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.
	0.33	0.50	0.75	1	1.5	2	3	5	7.5	10	15								
180	349	524	698									2.02	705	56C	HB382CN56C-9	GIF0938A	998	GB	29
	524	699	1048									4.86	1698	140TC	HB382CN140TC-9	GIF0938B	998	GB	31
	524	699	1048									4.86	1698	180TC	HB382CN180TC-9	GIF0938C	1,093	GB	32
		1055	1758	2637								8.79	3090	180TC	HB482CN180TC-9	GIF0948C	1,578	GB	55
				3504	5256	7007						20.17	7067	210TC	HB682CN210TC-9	GIF0968D	2,472	GB	101
124	510	766	1021									2.02	1031	56C	HB382CN56C-14	GIF1438A	998	GB	29
	766	1021	1532									3.77	1925	140TC	HB382CN56C-14	GIF1438B	998	GB	31
		1057	1586	2644								6.68	3532	180TC	HB482CN180TC-14	GIF1448C	1,578	GB	55
			2447	3670	4894							10.36	5070	180TC	HB682CN180TC-14	GIF1468C	2,472	GB	93
				5268	7902	10536						14.47	7081	210TC	HB682CN210TC-14	GIF1468D	2,472	GB	101
102	468	623	935									1.84	1147	56C	HB382CN56C-18	GIF1838A	998	GB	29
	936	1248	1872									3.12	1947	140TC	HB382CN140TC-18	GIF1838B	998	GB	31
	1264	1896										4.86	3071	140TC	HB482CN140TC-18	GIF1848B	1,384	GB	54
	1264	1896	3162									5.91	3738	180TC	HB482CN180TC-18	GIF1848C	1,578	GB	85
		1776	2961	4441								9.95	5892	180TC	HB682CN180TC-18	GIF1868C	2,472	GB	93
70		2963	4444	5926								11.95	7081	210TC	HB682CN210TC-18	GIF1868D	2,472	GB	101
				6219	9329	12438						23.91	14870	250TC	HB882CN250TC-18	GIF1888E	3,810	GB	229
	440	660	880									1.41	1241	56C	HB382CN56C-25	GIF2538A	998	GB	29
	881	1321	1762									2.21	1947	140TC	HB382CN140TC-25	GIF2538B	998	GB	31
	1435	1913	2869									3.92	3749	140TC	HB482CN140TC-25	GIF2548B	1,384	GB	54
44	1910	2865										4.17	3983	180TC	HB482CN180TC-25	GIF2548C	1,578	GB	55
		2759	4598	6897								7.70	7081	180TC	HB682CN180TC-25	GIF2568C	2,472	GB	93
			6755	9007	13510							16.51	14870	210TC	HB882CN210TC-25	GIF2588D	3,589	GB	178
			6755	9007	13510							16.51	14870	250TC	HB882CN250TC-25	GIF2588E	3,810	GB	229
	465	705	1057									0.95	1339	56C	HB382CN56C-40	GIF4038A	998	GB	29
33	746	1118	1491									1.12	1670	56C	HB482CN56C-40	GIF4048A	1,384	GB	52
	1486	2229	2972									2.68	3983	140TC	HB482CN140TC-40	GIF4048B	1,384	GB	54
		2718	4077	6796								5.21	7081	180TC	HB682CN180TC-40	GIF4068C	2,472	GB	93
			6710	10065	13421							11.08	14870	210TC	HB882CN210TC-40	GIF4088D	3,589	GB	178
	691	1047	1570									0.93	1947	56C	HB383CN56C-56	GIF5638A	1,205	GB	29
33	1509	2012	3017									1.98	3983	56C	HB483CN56C-56	GIF5648A	1,518	GB	52
	2601	3468	5203									3.04	5272	140TC	HB682CN140TC-50	GIF5068B	2,279	GB	92
		3655	5483	9138								5.58	10198	180TC	HB882CN180TC-50	GIF5088C	3,589	GB	178

NOTE: Service Class I Torque Ratings (1.0 Service Factor)
Service Class II Torque Ratings (≥ 1.4 Service Factor)
Service Class III Torque Ratings (≥ 2.0 Service Factor)

ATTENTION: Additional ratios, ratings and mounting configurations are available.
Please contact your local Baldor representative for assistance.

Ratio Multiplier – Inline – Quill Type – Solid Shaft

2 Sizes



Features:

- Heavy duty cast iron construction
- High efficient helical gearing
- Internal compression chamber for oil expansion
- Synthetic gear oil lubrication
- Universal mounting positions

Applications:

- Reducer or Increaser*
- Multiply overall reduction ratio
- Couples to C-faced gear reducer on integral gearmotor
- Can be used as stand-alone inline reduce

* Custom style "SX" can be back driven to increase motor speed. Max output speed, 4500 RPMs.

Size	Output RPM @ 1750 RPM in.	Gear Ratio	Input Style	Output Style	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Type
1	875	2:1	56C	56C	GCF2X01AA	459	GB	17	FX1-2-B5-56C
	583	3:1	56C	56C	GCF3X01AA	459	GB	17	FX1-3-B5-56C
	438	4:1	56C	56C	GCF4X01AA	459	GB	17	FX1-4-B5-56C
	350	5:1	56C	56C	GCF5X01AA	459	GB	19	FX1-5-B5-56C
2	875	2:1	140TC	140TC	GCF2X02BB	553	GB	28	FX2-2-B7-140TC
	583	3:1	140TC	140TC	GCF3X02BB	553	GB	28	FX2-3-B7-140TC
	438	4:1	140TC	140TC	GCF4X02BB	553	GB	29	FX2-4-B7-140TC
	350	5:1	56C	140TC	GCF5X02AB	553	GB	29	FX2-5-B5-140TC
	350	5:1	140TC	140TC	GCF5X02BB	553	GB	28	FX2-5-B7-140TC

Ratings at 1750 RPM Input

Size	Ratio	Output RPM	Input Hp	Output Hp	Output Torque	Output Shaft OHL
1	2:1	875	2.06	1.96	141	173
	3:1	583	1.70	1.62	175	203
	4:1	438	1.50	1.42	205	224
	5:1	350	1.13	1.08	194	247
2	2:1	875	12.42	12.17	877	445
	3:1	583	8.68	8.42	911	445
	4:1	438	6.34	6.15	885	445
	5:1	350	5.40	5.17	931	360



BRMX01
with Style SX1 Ratio Multiplier



Ratio Multiplier
with F900 Series Reducer

Optional Base Kits

Size	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.
1	BRMX01	67	A8	6
2	BRMX02	117	A8	2

ATTENTION: Additional ratios, ratings and mounting configurations are available.
Please contact your local Baldor representative for assistance.

900 Series – Right Angle – Base Kits



Horizontal Base



J Base



Vertical Base



Washdown Base

Universal Series – Right Angle – Base Kits



Base Description	Size (Position)	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.
HORIZ.	913 (A,B)	B13H71	67	A8	5
VERT. low	913 (D,F)	B13V81	117	A8	2
VERT. high	913 (C,E)	B13V91	118	A8	3
VERT. J	913 (X,Y)	B13J92	243	A8	3
HORIZ.	915 (A,B)	B15H71	47	A8	3
VERT. low	915(D,F)	B18V81	121	A8	3
VERT. high	915 (C,E)	B18V91	122	A8	3
VERT. J	915 (X,Y)	B18J92	246	A8	6
HORIZ.	918 (A,B)	B18H71	81	A8	6
VERT. low	918 (D,F)	B18V81	121	A8	3
VERT. high	918 (C,E)	B18V91	122	A8	3
VERT. J	918 (X,Y)	B18J92	246	A8	6
HORIZ.	921G (A,B)	B21GH71	84	A8	5
HORIZ.	921 (A,B)	B21H71	87	A8	6
VERT. low	921 (D,F)	B21V81	132	A8	4
VERT. high	921 (C,E)	B21V91	136	A8	6
VERT. J	921 (X,Y)	B21J92	260	A8	7
HORIZ.	924 (A,B)	B24H71	105	A8	8
VERT. low	924 (D,F)	B24V81	148	A8	4
VERT. high	924 (C,E)	B24V91	160	A8	6
VERT. J	924 (X,Y)	B24J92	276	A8	9
HORIZ.	926 (A,B)	B26H71	117	A8	9
VERT. low	926 (D,F)	B26V81	199	A8	6
VERT. high	926 (C,E)	B26V91	202	A8	9
VERT. J	926 (X,Y)	B26J92	327	A8	10
HORIZ.	930 (A,B)	B30H71	133	A8	4
VERT. low	930 (D,F)	B30V81	199	A8	8
VERT. high	930 (C,E)	B30V91	202	A8	16
HORIZ.	932 (A,B)	B32H71	158	A8	13
VERT. low	932 (D,F)	B32V81	234	A8	10
VERT. high	932 (C,E)	B32V91	240	A8	13
HORIZ.	938 (A,B)	B38H71	189	A8	15
VERT. low	938(D,F)	B38V81	281	A8	38
VERT. high	938(C,E)	B38V91	295	A8	36

Optional Washdown Base Kits

HORIZ.	913 (A,B)	WDB13H71	87	A8	3
HORIZ.	915 (A,B)	WDB15H71	87	A8	4
HORIZ.	918 (A,B)	WDB18H71	108	A8	6
HORIZ.	921 (A,B)	WDB21H71	114	A8	6
HORIZ.	924 (A,B)	WDB24H71	123	A8	8
HORIZ.	926 (A,B)	WDB26H71	139	A8	9
HORIZ.	930 (A,B)	WDB30H71	154	A8	6
HORIZ.	932 (A,B)	WDB32H71	181	A8	13

Optional Stainless Steel Base Kits

HORIZ	918 (A,B)	SSB18H71	395	A8	8
HORIZ	921 (A,B)	SSB21H71	411	A8	10
HORIZ	926 (A,B)	SSB26H71	454	A8	13

Kit includes angle bases and hardware. Converts style STF to SVF.

Size	NEMA Flange	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt
133-175	56C/140TC	B1317V81	118	A8	2
200-225	56C/140TC	B2022V81	123	A8	3
258-300	56C/140TC	B2530V81	191	A8	4
258-300	180TC	B2530V81	191	A8	4
350	56C/140TC 180TC/210TC	B3500V81	221	A8	5

NEMA C-Face Flange Kits (coupling type)



Flange adapts NEMA C face motors to 900 Series type S reducers. Includes flange, flexible coupling and mounting hardware.

Size	NEMA Flange	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt
913	56C	SFL913B5	183	A8	8
	56C	SFL918B5	183	A8	9
915	140TC	SFL918B7	183	A8	8
	56C	SFL918B5	183	A8	9
918	140TC	SFL921B5	203	A8	11
	56C	SFL921B7	203	A8	11
921	140TC	SFL924B5	203	A8	11
	56C	SFL924B7	203	A8	11
924	140TC	SFL926B5	261	A8	14
	56C	SFL926B7	261	A8	15
926	140TC	SFL926B7	261	A8	15

Riser Block Kits



Riser Blocks permit the gearbox to be mounted in the most desirable position (high speed input shaft above the oil level). They mount on top of the gearbox to provide clearance between the motor and the mounting surface. Kit includes the Riser Block and attachment bolts.

Size	NEMA Flange	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt
913	56C	RBK13B5	69	A8	5
	56C/140TC	RBK15B5	87	A8	5
918	56C/140TC	RBK18B5	108	A8	5
	56C/140TC	RBK21B5	139	A8	5
921	56C/140TC	RBK24B5	146	A8	5
	180TC	RBK24B9	276	A8	10
924	56C/140TC	RBK26B5	154	A8	8
	180TC	RBK26B9	336	A8	11
926	56C/140TC	RBK30B5	174	A8	15
	180TC	RBK30B9	373	A8	15
930	56C/140TC	RBK32B5	234	A8	8
	180TC	RBK32B9	461	A8	15
932	56C/140TC				
	180TC				

Torque Arm Kits



Kit includes turnbuckle and both mounting brackets. Secures hollow shaft reducer to application.

Size	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt
H50	TA05HK	88	A8	2
913	TA13HK	170	A8	2
918	TA18HK	188	A8	2
921	TA21HK	210	A8	6
924	TA24HK	211	A8	2
926	TA26HK	215	A8	2
930	TA30HK	219	A8	2
932	TA32HK	224	A8	6
938	TA38HK	234	A8	2

Output Flange Kits



Size	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.
913	FL13HK	110	A8	2
915	FL15HK	118	A8	6
918	FL18HK	123	A8	3
921	FL21HK	138	A8	3
924	FL24HK	196	A8	4
926	FL26HK	211	A8	6
930	FL30HK	219	A8	6
932	FL32HK	227	A8	12
938	FL38HK	235	A8	12

Bushing Kits for Hollow Shaft Reducers

Size	Shaft Diameter	Catalog Number	List Price	Mult. Sym.	Size	Shaft Diameter	Catalog Number	List Price	Mult. Sym.
918	3/4	BU100H012	139	A8	924/926	1-1/4	BU107H104	170	A8
	7/8	BU100H014	139	A8		1-5/16	BU107H105	170	A8
	15/16	BU100H015	158	A8		1.00	BU115H100	234	A8
	15/16	BU107H015	170	A8		1-7/16	BU115H107	234	A8
	1	BU107H100	170	A8		1-1/2	BU115H108	234	A8
	1-1/8	BU107H102	170	A8		1-5/8	BU115H110	234	A8
924/926	1-3/16	BU107H103	170	A8	930/932	1-11/16	BU115H111	234	A8
						1-3/4	BU115H112	234	A8

Stainless Steel Bushing

Size	Shaft Diameter	Catalog Number	List Price	Mult. Sym.
918	3/4	SSBU100H012	166	A8
918	7/8	SSBU100H014	166	A8
918	15/16	SSBU100H015	166	A8
921	15/16	SSBU104H015	105	A8
921	1	SSBU104H100	105	A8
926	15/16	SSBU107H015	199	A8
926	1	SSBU107H100	199	A8
926	1-1/8	SSBU107H102	199	A8
926	1-3/16	SSBU107H103	199	A8
926	1-1/4	SSBU107H104	199	A8
926	1-5/16	SSBU107H105	199	A8

Double Reduction Adapter Kits



900 series double reduction units may be assembled from stock single reduction units using the adapter kits.

Catalog Number	Primary Unit (a)	Secondary Unit (b)	List Price	Mult. Sym.
DR913X913B5	913	913-B5	183	A8
DR913X918B5	913	918-B5	191	A8
DR913X921B5	913	921-B5	202	A8
DR913X924B5	913	924-B5	202	A8
DR913X926B5	913	926-B5	219	A8
DR918X924B7	918	924-B7	219	A8
DR918X926B7	918	930-B7/926-B7	227	A8
DR918X932B7	918	932-B7	227	A8
DR924X938B9	924	938-B9	227	A8

NOTE: Each adapter kit consists of: 1 Adapter; 1 Seal (Installed); 1 Shim Set; 4 Screws; 1 Bearing Cup (Installed); 4 Lock Washers; and 1 Sealant Package.

(a) Any style except Hollow Shaft

(b) F and HF styles only

Bushing Kit



Reduces bore size of Quill type input shafts from 7/8 to 5/8. Sintered metal bushing with integral internal and external keys.

Catalog Number	List Price	Mult. Sym.
133-6FBA	69	A8