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GP12505 Shown
PSSH Style

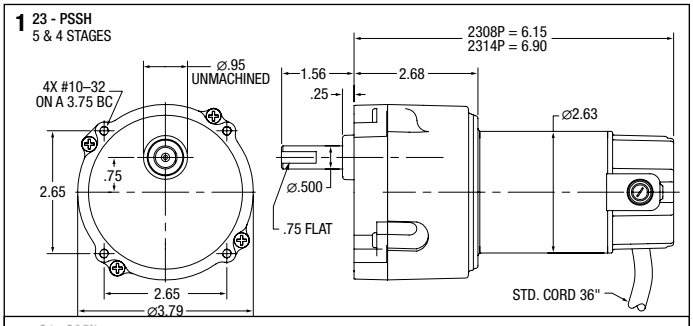
Applications: Conveyors, medical and laboratory equipment, printing presses, commercial ovens, machine tools and many other applications requiring adjustable speed.

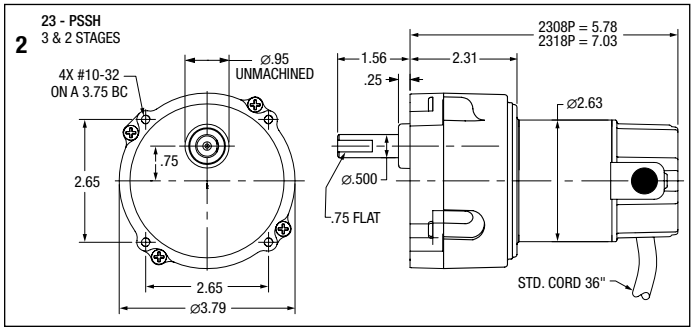
Features: Induction hardened helical and spur gears for extra strength. Ball and needle-bearing construction for improved torque capacity. Factory lubricated for life, no maintenance required. PSSH is face mounted with industry standard dimensions. An optional bolt on base is available for foot mounting, see pages 292 and 327.

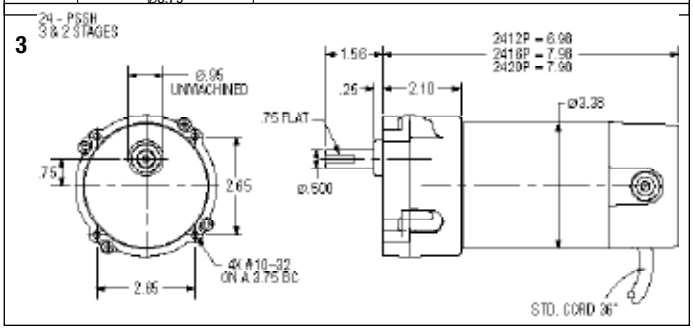
Input Motor Hp	Output Base Speed	Gear Ratio	Stages	Max. Safe Torque In. Lbs.	Catalog (a) Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage D.C. Armature	Full Load Amperage Armature	Notes (b)	Drawing Number
1/40	10	180:1	4	100	**GPP230186**	552	DS	8	2308P-PSSH	90	0.30	20	1
	13	135:1	4	100	**GPP230139**	552	DS	8	2308P-PSSH	90	0.30	20	1
1/45	9	180:1	4	100	**GPP231108**	542	DS	6	2308P-PSSH	90	0.29	20	1
1/21	19	90:1	4	118	**GPP232110**	542	DS	7	2314P-PSSH	90	0.57	20	1
1/50	29	60:1	3	40	**GPP231109**	514	DS	8	2308P-PSSH	90	0.35	20	2
1/20	25	75:1	3	100	**GPP230072**	608	DS	8	2318P-PSSH	90	0.70	20	1
	30	60:1	3	100	**GPP233112**	561	DS	8	2318P-PSSH	90	0.70	20	2
	49	37.95:1	3	55	**GPP230037**	572	DS	8	2318P-PSSH	90	0.70	20	1
	71	25:1	2	40	**GPP230025**	572	DS	8	2318P-PSSH	90	0.70	20	2
	95	20:1	2	30	**GPP230019**	537	DS	8	2318P-PSSH	90	0.70	20	2
	139	12.65:1	2	20	**GPP230013**	537	DS	8	2318P-PSSH	90	0.70	20	2
	185	10:1	2	15	**GPP230010**	537	DS	8	2318P-PSSH	90	0.70	20	2
	269	6.55:1	2	11	**GPP230007**	537	DS	8	2318P-PSSH	90	0.70	20	2
	359	5:1	2	8	**GPP230005**	537	DS	8	2318P-PSSH	90	0.70	20	2
1/17	60	30:1	3	50	**GPP233111**	561	DS	8	2318P-PSSH	90	0.65	20	2
1/35	120	20:1	2	9.5	**GPP231110**	514	DS	6	2308P-PSSH	90	0.36	20	2
1/12	43	60:1	3	112	**GPP12505**	623	DS	8	2412P-PSSH	90	1.00	20	3
	58	44:1	3	83	**GPP12504**	623	DS	8	2412P-PSSH	90	1.00	20	3
	125	20:1	2	38.5	**GPP12502**	593	DS	8	2412P-PSSH	90	1.00	20	3
	115	22:1	2	43	**GPP12503**	593	DS	8	2412P-PSSH	90	1.00	20	3
	250	10:1	2	19.7	**GPP12501**	593	DS	8	2412P-PSSH	90	1.00	20	3
1/22	19	90:1	4	118	**GPP233120**	561	DS	8	2314P-PSSH	180	0.30	20	1
1/12	43	40:1	3	112	**GPP12525**	600	DS	11	2420P-PSSH	180	0.45	20	3
1/20	60	30:1	3	50	**GPP233121**	561	DS	8	2318P-PSSH	180	0.35	20	2
1/12	250	10:1	2	19.7	**GPP12521**	600	DS	9	2416P-PSSH	180	0.49	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.







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Parallel Shaft DC Gearmotors



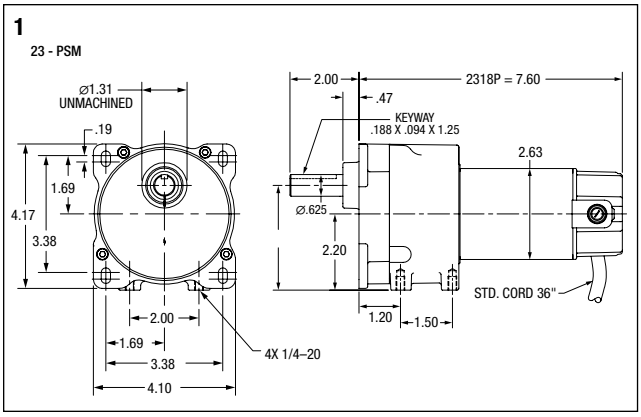
GPP233141 Shown
PSM Style

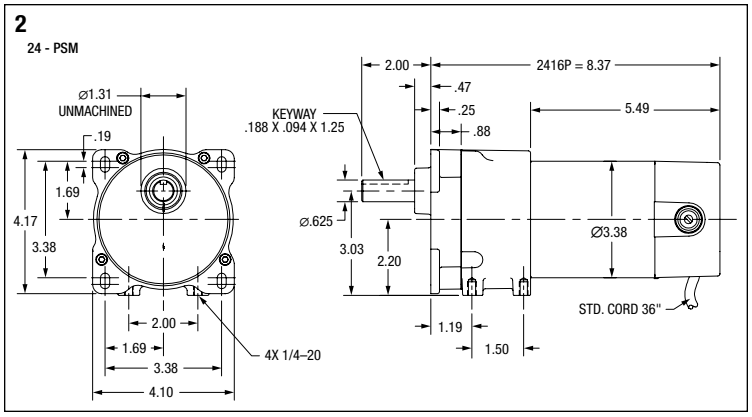
Applications: Conveyors, medical and laboratory equipment, printing presses, commercial ovens, machine tools and many other applications requiring adjustable speed.

Features: Induction hardened helical and spur gears for extra strength. Ball and needle-bearing construction for improved torque capacity. Factory lubricated for life, no maintenance required. PSM is face or foot mounted with industry standard dimensions. Optional bases are available for foot or 3-point face mounting, see pages 292 and 327.

Input Motor Hp	Output Base Speed	Gear Ratio	Stages	Max. Safe Torque In. Lbs.	Catalog (a) 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
1/20	34	52.9:1	3	85	**GPP230053**	637	DS	10	2318P-PSM	90	0.30	20	1
	7.5	329.1	4	183	**GPP231329**	675	DS	10	2318P-PSM	90	0.30	20	1
1/16	15.4	120:1	4	197	**GPP233141**	693	DS	8	2318P-PSM	90	0.66	20	1
1/15	18.6	90:1	4	180	**GPP233140**	693	DS	10	2318P-PSM	90	0.77	20	1
1/8	30	58.3:1	3	174	**GPP12556**	698	DS	12	2416P-PSM	90	1.35	20	2
	42	60:1	3	165	**GPP12547**	694	DS	12	2416P-PSM	90	1.35	20	2
	63	40:1	3	116	**GPP12545**	694	DS	12	2416P-PSM	90	1.35	20	2
	83	30:1	3	90	**GPP12544**	694	DS	12	2416P-PSM	90	1.35	20	2
	94	19.1	2	76	**GPP12559**	714	DS	12	2416P-PSM	90	1.35	20	2
	125	20:1	2	58	**GPP12543**	663	DS	12	2416P-PSM	90	1.35	20	2
	167	15:1	2	45	**GPP12542**	663	DS	10	2416P-PSM	90	1.35	20	2
	360	5:1	2	20	**GPP12555**	714	DS	12	2416P-PSM	90	1.35	20	2
	250	10:1	2	30	**GPP12541**	663	DS	10	2416P-PSM	90	1.35	20	2
	500	5:1	2	15	**GPP12540**	663	DS	10	2416P-PSM	90	1.35	20	2
1/4	94	19.1:1	2	160	**GPP24019**	726	DS	14	2424P-PSM	90	2.50	20	2
	170	10.6:1	2	90	**GPP24011**	726	DS	14	2424P-PSM	90	2.50	20	2
	360	5:1	2	40	**GPP24005**	726	DS	14	2424P-PSM	90	2.50	20	2
1/8	42	60:1	3	174	**GPP12567**	670	DS	11	2416P-PSM	180	0.65	20	2
	83	30:1	3	87	**GPP12564**	670	DS	11	2416P-PSM	180	0.65	20	2
	250	10:1	2	30	**GPP12561**	663	DS	11	2416P-PSM	180	0.65	20	2
	500	5:1	2	14.8	**GPP12560**	663	DS	11	2416P-PSM	180	0.65	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.







GPP7459 Shown
PSL Style

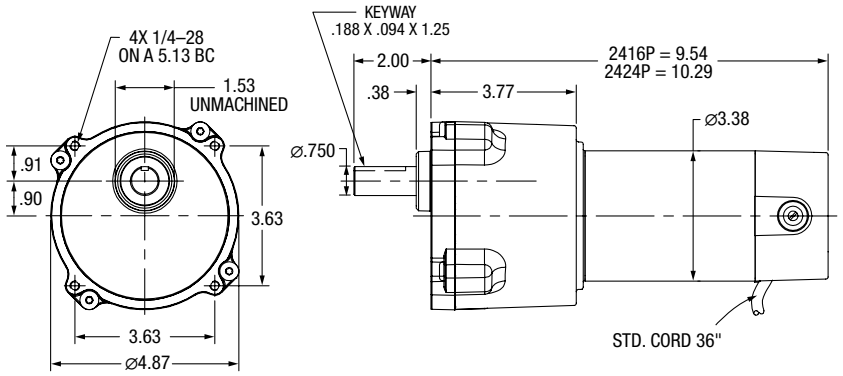
Applications: Conveyors, medical and laboratory equipment, printing presses, commercial ovens, machine tools and many other applications requiring adjustable speed.

Features: Induction hardened helical gears for added strength. Ball and needle-bearing construction for improved torque capacity. Factory lubricated for life, no maintenance required. PSL is face mounted with industry standard dimensions. An optional bolt on base is available for foot mounting. See pages 292 and 327.

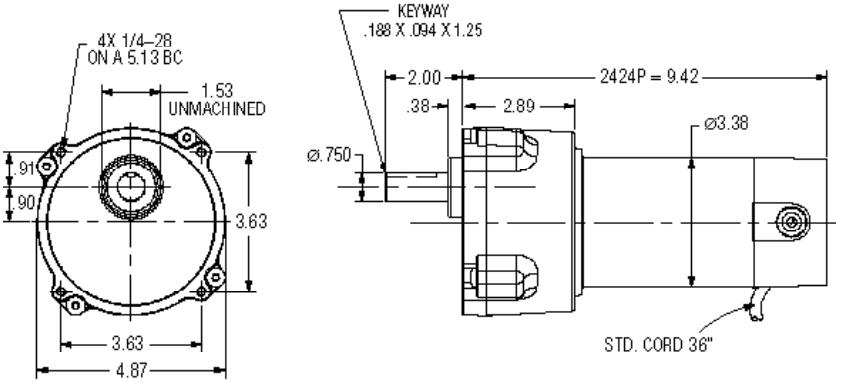
Input Motor Hp	Output Base Speed	Gear Ratio	Stages	Max. Safe Torque In. Lbs.	Catalog Number (a)	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage D.C. Armature	Full Load Amperage Armature	Notes (b)	Drawing Number
1/8	8.3	300:1	4	330	**GPP7459**	875	DS	13	2416P-PSL	90	0.76	20	1
1/8	10.4	240:1	4	330	**GPP7462**	875	DS	13	2416P-PSL	90	0.71	20	1
1/4	14	180:1	4	365	**GPP7458**	875	DS	15	2424P-PSL	90	1.20	20	1
1/4	21	120:1	4	365	**GPP7457**	875	DS	15	2424P-PSL	90	1.70	20	1
1/4	28	90:1	4	390	**GPP7461**	875	DS	15	2424P-PSL	90	2.25	20	1
1/4	42	60:1	3	280	**GPP7456**	840	DS	14	2424P-PSL	90	2.50	20	1
1/4	50	50:1	3	250	**GPP7460**	840	DS	14	2424P-PSL	90	2.50	20	1
1/4	62	40:1	3	200	**GPP7455**	840	DS	14	2424P-PSL	90	2.50	20	1
1/4	83	30:1	3	150	**GPP7454**	840	DS	14	2424P-PSL	90	2.50	20	1
1/4	125	20:1	2	100	**GPP7453**	840	DS	13	2424P-PSL	90	2.50	20	2
1/4	165	15:1	2	75	**GPP7452**	772	DS	13	2424P-PSL	90	2.50	20	2
1/4	250	10:1	2	50	**GPP7451**	772	DS	13	2424P-PSL	90	2.50	20	2
1/4	500	5:1	2	25	**GPP7450**	772	DS	13	2424P-PSL	90	2.50	20	2
1/3	58	30:1	3	320	**GPP2530**	1,146	DS	24	2532P-PSLH	90	3.20	20	3
1/3	113	15:1	2	164	**GPP2534**	1,091	DS	24	2532P-PSLH	90	3.20	20	3
1/3	345	5:1	2	55	**GPP2538**	1,091	DS	24	2532P-PSLH	90	3.20	20	3
1/2	83	30:1	3	337	**GPP3340**	1,288	DS	31	3327P-PSLH	90	5.00	20	4
1/2	167	15:1	2	171	**GPP3344**	1,288	DS	31	3327P-PSLH	90	5.00	20	4
1/2	500	5:1	2	57	**GPP3348**	1,232	DS	31	3327P-PSLH	90	5.00	20	4
1/8	8.3	300:1	4	330	**GPP7479**	875	DS	14	2424P-PSL	180	0.38	20	1
1/4	14	180:1	4	365	**GPP7478**	875	DS	17	2424P-PSL	180	0.60	20	1
1/4	21	120:1	4	365	**GPP7477**	875	DS	15	2424P-PSL	180	0.85	20	1
1/4	42	60:1	3	280	**GPP7476**	840	DS	14	2424P-PSL	180	1.25	20	1
1/4	62	40:1	3	200	**GPP7475**	840	DS	14	2424P-PSL	180	1.25	20	1
1/4	83	30:1	3	155	**GPP7474**	840	DS	14	2424P-PSL	180	1.25	20	1
1/4	125	20:1	2	100	**GPP7473**	840	DS	13	2424P-PSL	180	1.25	20	2
1/4	165	15:1	2	75	**GPP7472**	772	DS	13	2424P-PSL	180	1.25	20	2
1/4	250	10:1	2	50	**GPP7471**	772	DS	13	2424P-PSL	180	1.25	20	2
1/4	500	5:1	2	25	**GPP7470**	772	DS	13	2424P-PSL	180	1.25	20	2
1/3	58	30:1	3	320	**GPP3370**	1,288	DS	31	3327P-PSLH	180	1.50	20	4
1/3	115	15:1	2	164	**GPP3374**	1,232	DS	31	3327P-PSLH	180	1.50	20	4
1/3	345	5:1	2	55	**GPP3378**	1,232	DS	31	3327P-PSLH	180	1.60	20	4
1/2	83	30:1	3	337	**GPP3380**	1,288	DS	31	3327P-PSLH	180	2.50	20	4
1/2	167	15:1	2	171	**GPP3384**	1,232	DS	31	3327P-PSLH	180	2.50	20	4
1/2	500	5:1	2	57	**GPP3388**	1,232	DS	31	3327P-PSLH	180	2.50	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.

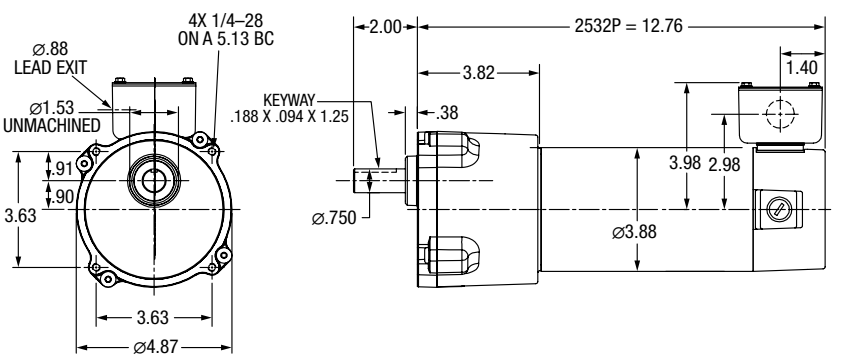
1 24 - PSL
3 & 4 STAGES



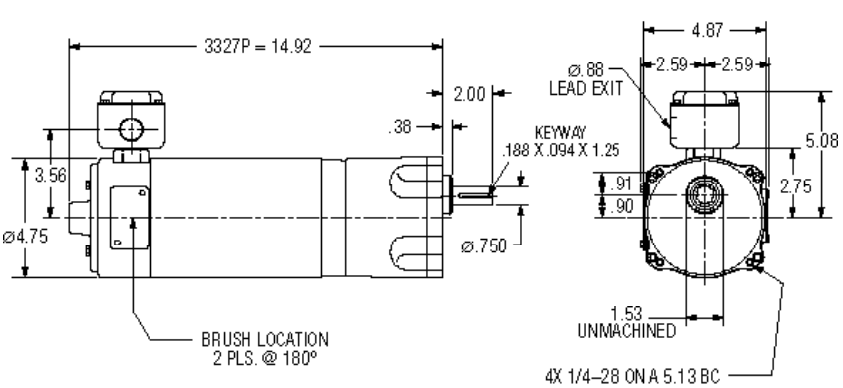
2 24 - PSL
2 STAGES



3 25 - PSLH
3 & 2 STAGES



4 33 - PSLH
2 & 3 STAGES



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