



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 366 and 401.

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	482	DS	8	2308P-PSSH	90	0.30	20	1
	13	135:1	4	100	GPP230139	482	DS	8	2308P-PSSH	90	0.30	20	1
1/45	9	180:1	4	100	GPP231108	473	DS	8	2308P-PSSH	90	0.29	20	1
1/21	19	90:1	4	118	GPP232110	473	DS	7	2314P-PSSH	90	0.57	20	1
1/50	29	60:1	3	40	GPP231109	449	DS	8	2308P-PSSH	90	0.35	20	2
1/20	25	75:1	3	100	GPP230072	531	DS	8	2318P-PSSH	90	0.70	20	1
	30	60:1	3	100	GPP233112	490	DS	8	2318P-PSSH	90	0.70	20	2
	49	37.95:1	3	55	GPP230037	499	DS	8	2318P-PSSH	90	0.70	20	1
	71	25:1	2	40	GPP230025	499	DS	8	2318P-PSSH	90	0.70	20	2
	95	20:1	2	30	GPP230019	469	DS	8	2318P-PSSH	90	0.70	20	2
	139	12.65:1	2	20	GPP230013	469	DS	8	2318P-PSSH	90	0.70	20	2
	185	10:1	2	15	GPP230010	469	DS	8	2318P-PSSH	90	0.70	20	2
	269	6.55:1	2	11	GPP230007	469	DS	8	2318P-PSSH	90	0.70	20	2
359	5:1	2	8	GPP230005	469	DS	8	2318P-PSSH	90	0.70	20	2	
1/17	60	30:1	3	50	GPP233111	490	DS	8	2318P-PSSH	90	0.65	20	2
1/35	120	20:1	2	9.5	GPP231110	449	DS	8	2308P-PSSH	90	0.36	20	2
1/12	43	60:1	3	112	GPP12505	544	DS	11	2412P-PSSH	90	1.00	20	3
	58	44:1	3	83	GPP12504	544	DS	11	2412P-PSSH	90	1.00	20	3
	125	20:1	2	38.5	GPP12502	518	DS	11	2412P-PSSH	90	1.00	20	3
	115	22:1	2	43	GPP12503	518	DS	11	2412P-PSSH	90	1.00	20	3
	250	10:1	2	19.7	GPP12501	518	DS	11	2412P-PSSH	90	1.00	20	3
1/22	19	90:1	4	118	GPP233120	490	DS	8	2314P-PSSH	180	0.30	20	1
1/12	43	40:1	3	112	GPP12525	524	DS	11	2420P-PSSH	180	0.45	20	3
1/20	60	30:1	3	50	GPP233121	490	DS	8	2318P-PSSH	180	0.35	20	2
1/12	250	10:1	2	19.7	GPP12521	524	DS	11	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.

