



GP7404 Shown  
JK Style

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

**Features:** DCPM motor provides exceptional starting torque, adjustable speed, and predictable operating conditions. Ball bearing on output for smooth torque transmission and increased radial load capacity High strength bronze gearing, hardened and ground worm for quiet operation. High performance low friction, bidirectional motor seals. Factory lubricated with synthetic oil. Internal oil expansion chamber allows for all position mounting without relocating a breather vent.

Input Motor Hp	Output Base Speed	Gear Ratio	Max. Safe Torque In. Lbs.	Catalog Number <sup>(a)</sup>	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Motor Type & Gear Style	Voltage D.C. Armature	Full Load Amperage Armature	Notes <sup>(b)</sup>	Drawing Number
<b>90 VDC</b>												
1/8	30	58:1	120	GP7404	672	DS	14	2424P-JK	90	1.30	20	1
	38	45:1	100	GP7403	672	DS	14	2424P-JK	90	1.30	20	1
	52	33:1	75	GP7402	672	DS	14	2424P-JK	90	1.30	20	1
	75	22.5:1	60	GP7401	672	DS	14	2424P-JK	90	1.30	20	1
1/5	173	11:1	32	GP7400	672	DS	14	2424P-JK	90	1.30	20	1
	50	45:1	120	GP7408	672	DS	14	2428P-JK	90	2.20	20	1
1/4	68	33:1	112	GP7405	672	DS	14	2428P-JK	90	2.40	20	1
	76	45:1	100	GP7407	672	DS	14	2428P-JK	90	2.60	20	1
	104	33:1	75	GP7406	672	DS	14	2428P-JK	90	2.60	20	1
1/3	314	8:1	32	GP7413	672	DS	14	2428P-JK	90	2.60	20	1
	48	50:1	150	GP2507	824	DS	25	2532P-JH	90	3.36	20	2
	62	40:1	137	GP2506	824	DS	25	2532P-JH	90	3.36	20	2
	123	20:1	95	GP2503	824	DS	25	2532P-JH	90	3.36	20	2
1/2	245	10:1	65	GP2501	824	DS	25	2532P-JH	90	3.36	20	2
	50	50:1	234	GP3307	957	DS	35	3327P-JH	90	5.00	20	3
	63	40:1	215	GP3306	957	DS	35	3327P-JH	90	5.00	20	3
	125	20:1	145	GP3303	957	DS	35	3327P-JH	90	5.00	20	3
	250	10:1	100	GP3301	957	DS	35	3327P-JH	90	5.00	20	3
<b>180 VDC</b>												
1/8	30	58:1	120	GP7424	672	DS	14	2420P-JK	180	0.64	20	1
	38	45:1	100	GP7423	672	DS	14	2420P-JK	180	0.64	20	1
	52	33:1	75	GP7422	672	DS	14	2420P-JK	180	0.64	20	1
	78	22.5:1	60	GP7421	672	DS	14	2420P-JK	180	0.64	20	1
1/5	173	11:1	32	GP7420	672	DS	14	2420P-JK	180	0.65	20	1
	50	45:1	120	GP7428	672	DS	14	2428P-JK	180	1.10	20	1
1/4	68	45:1	135	GP7425	672	DS	14	2428P-JK	180	1.30	20	1
	76	45:1	100	GP7427	672	DS	14	2428P-JK	180	1.30	20	1
	104	33:1	75	GP7426	672	DS	14	2428P-JK	180	1.30	20	1
	314	11:1	32	GP7433	672	DS	14	2428P-JK	180	1.30	20	1

(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.

