

Drive Selection Chart

Model	Mount Code	Encl. Note	Speed Range RPM	Max. rated torque NMn/In-oz	Nominal Watts/ HP	Power Source	Hz	Appr.	Connection	Weight (max)	
										Kg	Lb
DC - I-Drive® (Brushless)											
I-Drive IEG	J	3	500-5500	15 oz-in (106 mNm)	70W	20-30 Volts	N/a	CE, LVD, EMC	Wire leads	0.96	2.1
I-Drive IMS	M	3	500-6000	8 oz-in (56 mNm)	40W	20-30 Volts	N/a	CE, LVD, EMC	Wire leads	0.72	1.6

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DC - Brushless											
380	A	3	500-4600	106/15	42/0.056	24V	N/a	UL/CE	Wire leads	0.95	2.09
380	B	3	500-4600	106/15	42/0.056	24V	N/a	UL/CE	Wire leads	0.95	2.09

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DC - Brush Type Permanent Magnet											
305	A	3	500-4000	190/27	90/0.12	12V	N/a		Wire leads	1.14	2.51
306	A	3	500-4000	212/30	112/0.16	24V	N/a		Wire leads	1.14	2.51
331A	C	3	500-6000	25/3.5	11/0.15	12V	N/a		Spade terminals	0.23	0.50
332A	C	3	500-6000	25/3.5	11/0.15	24V	N/a		Spade terminals	0.23	0.50
335	C	3	100-600	42/6	4/0.005	24V	N/a		Wire leads	0.04	0.08
336	C	3	500-8000	12/1.75	46/0.061	24V	N/a		Spade terminals	0.27	0.60
337	C	3	500-4000	25/3.5	8/0.011	18V	N/a		Wire leads	0.32	0.70
346	B	3	500-8800	25/3.5	143/0.192	24V	N/a		Spade terminals	0.36	0.80
348	A	3	200-2000	148/21	42/0.056	30V	N/a		Wire leads	1.00	2.20
361	C	3	100-500	127/18	34/0.045	24V	N/a		Spade Terminals	0.23	0.50

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AC - Variable Speed, Electronic Control											
810	6	3	500-4500	3.5/495	550/0.73	220/240V	50/60	CE	Terminal box	10.2	22.49

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AC - Shaded Pole											
604	A	5	3450	127/18	38/0.05	115/230V	50/60	UL/CSA	Wire leads	2.72	5.98

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AC - Permanent Split Capacitor											
641	D	5	3450	315/45	93/0.13	115/230V	50/60	UL/CSA	Wire leads	3.41	7.50

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AC - IEC, Single Phase

671	A	5	2680	450/63	75/0.10	220/ 240V	50/ 60	CE	Terminal box	3.20	7.04
691	A	5	1340	630/88	75/0.10	220/ 240V	50/ 60	CE	Terminal box	3.20	7.04

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AC - IEC, Three Phase

672	A	3	2880	310/44	90/.12	230/400V 255/440V	50/ 60	CE	Terminal box	5.70	12.54
692	A	3	1380	650/92	90/.12	230/400V 255/440V	50/ 60	CE	Terminal box	5.70	12.54

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AC - Explosion Proof

519	A	4	3450	529/75	127/0.17	115/ 230V	50/ 60	UL	Wire leads	9.03	19.87
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AC - Universal, Brush Type

405A	A	2	9000	92/13	66/0.089	115V	N/a		Cord & plug	4.20	9.24
415A	A	2	500-9000	92/13	66/0.089	115V	N/a		Cord & plug	5.50	12.10

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Air Driven Vane Type

951	B	6	500-8000	355/50	250/0.33	5-100 psig	N/a		1/8 NPT ports	1.04	2.29
955	A	6	500-8000	355/50	250/0.33	5-100 psig	N/a		1/8 NPT ports	1.04	2.29

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Programmable Drives

MCP-Z Process	B		60-6000	200/28	150/0.20	85/264	47/60	IP65	Cord & Plug	6.9	16
MCP-Z Standard	B		60-6000	150/21	150/0.20	115/ 230V	50/60	IP30	Cord & Plug	6.4	14
BVP-Z	B		60-6000	200/28	150/0.20	115/ 230V	50/60	IP30	Cord & Plug	5.7	13
Reglo-Z	B		50-6000	43/6	50/0.07	115/ 230V	50/60	IP30	Cord & Plug	2.2	5
Reglo-ZS	B		50-6000	43/6	50/0.07	115/ 230V	50/60	IP30	Cord & Plug	1.6	4

Motor Enclosure Description Notes:

1. I-Drive — electromagnetic drive/Open drip proof, for dry, clean indoor environments, requires good ventilation EG/HG requires 0-5 V signal to change speed, HG has switch for 4-20ma and manual pot speed control. Note: weights listed for I-Drive motors (EG, HG, HGA) include pumphead
2. Open drip proof, suitable for dry clean indoor environments, requires good ventilation
3. IP55/Totally enclosed non-ventilated, suitable for humid, dusty atmospheres, requires good ventilation
4. Totally enclosed non-ventilated. Explosion proof. Class 1/Groups C & D/Div. 1, NEMA 42 frame
5. Totally enclosed fan cooled. Suitable for fairly clean damp environment
6. Suitable for Explosion Proof and harsh environments, but not resistant to corrosive chemicals
7. Ventilated