

TECHNICAL DATA

MOTOR

Improved Efficiency Motors Synchronous Speed 1800 rpm at 60 Hz

Frame Size	P _n		n _a rpm	I _n Amps		I _a /I _n %	T _a lb. in.	T _a /T _n %	T _n /T _n %	cos φ	η %	Code Letter	J _m		T _b lb.in	Z ₀ BGE	Weight		Stator P/N NEMA 230/460V WB 240
	Hp	kW		230V	460V								lb.ft. ² *	lb.ft. ² **			lbs. *	**	
	DT80K4	0.5		0.37	1700								1.76	0.88			534	18.8	
DT80N4	0.75	0.55	1700	2.5	1.25	512	28.0	220	240	0.73	77	H	0.0207	0.0228	67	3300	22	31	5419379
DT90S4	1	0.75	1720	3.2	1.6	581	38.0	270	280	0.77	80	H	0.0594	0.0722	87	4200	33	54.2	5419360
DT90L4	1.5	1.1	1720	4.5	2.25	609	55.3	290	300	0.77	81.5	J	0.0789	0.0936	174	2000	36	57	5419352
DT100LS4	2	1.5	1720	5.5	2.75	589	74.5	250	260	0.83	82.5	H	0.101	0.114	174	2400	45	67	5419344
DT100L4	3	2.2	1730	8.0	4.0	813	107.5	340	350	0.81	85.5	J	0.126	0.139	354	1000	60	81	5419336
DV132S4	5	3.7	1740	14.4	7.2	653	188	250	290	0.74	87.5	H	0.416	0.445	664	1000	105	138	5419328
DV132M4	7.5	5.5	1760	18.6	9.3	699	274	250	250	0.83	89.5	H	0.665	0.769	664	600	152	191	541931X



Date: 02-23-00
Replaces: New

M-020-01

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