

PERFORMANCE DATA

Catalog No.	HP	RPM	Frame Size	EFFICIENCY %			POWER FACTOR %			CURRENT (AMPS) @ 230V		TORQUE				Rotor WR ² LB FT ²	NEMA kVA Letter	Approx. Weight (lbs)
				Full Load	3/4 Load	1/2 Load	Full Load	3/4 Load	1/2 Load	Full Load	Locked Rotor	Full Load	Locked Rotor	Pull Up	Break Down			
				LB FT	%FLT	%FLT	LB FT	%FLT	%FLT	LB FT	%FLT	LB FT	%FLT	%FLT	%FLT			
DS0/32	1/3	3600	A56	68.0	64.0	55.0	73.8	65.5	54.5	1.24	8	0.507	300	255	340	0.023	L	20
DS0/34	1/3	1800	A56	75.5	75.5	70.0	73.0	64.5	51.5	1.13	8	1.012	220	190	285	0.044	L	21
DS0/36	1/3	1200	A56	75.5	74.0	70.0	67.2	58.2	45.8	1.23	8	1.529	180	170	250	0.051	L	21
DS0/52	1/2	3600	A56	72.0	70.0	62.0	73.8	65.5	53.5	1.76	12	0.768	290	310	340	0.023	L	21
DS0/54	1/2	1800	A56	77.0	75.5	70.0	68.8	59.5	47.0	1.77	12	1.522	245	230	310	0.044	L	22
DS0/56	1/2	1200	A56	75.5	74.0	70.0	65.5	56.2	44.0	1.89	10	2.293	180	175	255	0.058	J	23
DS0/72	3/4	3600	A56	75.5	74.0	68.0	74.2	65.5	52.8	2.51	18	1.143	265	295	355	0.028	L	22
DS0/74	3/4	1800	A56	75.5	74.0	68.0	70.0	60.8	48.0	2.66	18	2.289	255	240	325	0.051	L	23
DS0/76	3/4	1200	A56	75.5	75.5	70.0	63.2	54.2	42.0	2.94	15	3.454	190	190	265	0.069	J	25
DS0012	1	3600	A56	74.0	72.0	66.0	74.0	65.5	53.0	3.42	20	1.531	330	300	345	0.032	J	24
DS0014	1	1800	A56	77.0	75.5	72.0	75.8	67.5	55.0	3.21	20	3.070	215	200	285	0.058	J	24
DT0014	1	1800	143T	82.5	82.0	80.5	78.5	70.8	58.2	2.89	25	3.026	275	240	345	0.088	L	30
DS0016	1	1200	A56	77.0	75.5	74.0	70.8	61.2	49.2	3.43	20	4.606	215	195	255	0.095	J	30
DT0016	1	1200	145T	80.0	80.0	78.8	72.5	64.8	52.8	3.23	20	4.606	180	170	265	0.12	J	35
DS1/52	1.5	3600	A56	77.0	77.0	72.0	79.2	71.2	58.2	4.61	30	2.296	285	320	365	0.037	J	25
DT1/52	1.5	3600	143T	82.5	82.5	79.2	82.8	75.0	63.5	4.11	35	2.273	480	375	430	0.051	L	29
DS1/54	1.5	1800	A56	80.0	81.5	78.5	80.0	75.5	63.0	4.39	28	4.606	215	200	275	0.088	J	29
DT1/54	1.5	1800	145T	84.0	84.0	82.2	84.0	79.2	68.5	3.98	35	4.539	245	205	315	0.132	L	38
DT1/56	1.5	1200	182T	84.0	81.0	76.0	68.5	61.0	49.0	4.88	40	6.760	190	185	300	0.293	M	78
DS0022	2	3600	A56	80.0	80.0	77.0	80.5	72.8	59.8	5.82	40	3.062	260	285	365	0.046	J	27
DT0022	2	3600	145T	84.0	84.0	81.5	83.5	76.8	65.2	5.34	45	3.022	320	375	440	0.065	K	34
DS0024	2	1800	B56	81.5	81.5	80.0	82.0	75.5	63.0	5.60	38	6.140	225	210	285	0.105	J	33
DT0024	2	1800	145T	84.0	84.0	82.5	81.0	74.0	62.0	5.50	50	6.050	310	230	360	0.146	L	40
DT0026	2	1200	184T	85.5	84.0	80.0	62.0	53.5	41.5	7.07	50	8.975	215	195	330	0.311	L	78
DS0032	3	3600	B56	82.5	82.5	81.5	85.0	78.5	67.2	8.01	55	4.592	355	280	350	0.065	J	34
DT0032	3	3600	145T	84.0	84.0	83.8	87.0	81.2	69.8	7.69	65	4.552	320	320	400	0.088	K	41
DS0034	3	1800	C56HZ	85.5	85.5	82.5	82.5	77.5	65.0	7.95	65	9.079	265	275	390	0.19	K	52
DT0034	3	1800	182T	86.5	87.0	85.5	78.0	71.0	58.0	8.33	64	9.001	255	210	340	0.276	K	78
DT0036	3	1200	213T	86.5	86.0	83.5	71.0	63.0	50.0	9.15	64	13.460	215	200	315	0.573	K	132
DT0052	5	3600	182T	85.5	87.5	87.0	90.0	87.0	79.5	12.2	92	7.654	285	270	305	0.165	J	78
DT0054	5	1800	184T	87.5	88.0	87.5	81.5	76.0	65.0	13.1	92	15.090	200	165	280	0.345	J	78
DT0056	5	1200	215T	87.5	87.0	85.0	72.0	64.0	51.0	14.9	92	22.440	210	195	310	0.775	J	132
DT7/52	7.5	3600	184T	87.5	88.5	88.5	91.0	89.0	82.0	17.6	127	11.380	265	250	300	0.247	H	78
DT7/54	7.5	1800	213T	88.5	89.0	89.0	85.0	80.0	69.0	18.7	127	22.570	230	180	280	0.609	H	132
DT7/56	7.5	1200	254T	88.5	88.5	87.5	81.0	76.5	66.0	19.6	127	33.800	230	185	240	2.033	H	230
DT0102	10	3600	213T	88.5	89.0	88.5	88.0	85.5	79.5	24.0	162	15.040	225	180	270	0.372	H	132
DT0104	10	1800	215T	89.5	90.5	90.5	86.5	82.0	72.5	24.2	162	30.180	215	175	290	0.783	H	132
DT0106	10	1200	256T	90.2	91.0	90.5	81.0	76.5	65.5	25.6	162	44.880	260	210	250	2.859	H	230
DT0152	15	3600	215T	89.5	90.0	89.5	87.5	85.5	79.0	35.9	232	22.530	210	180	250	0.507	G	132
DT0154	15	1800	254T	91.0	91.5	91.5	88.0	85.5	78.0	35.1	232	44.750	210	160	245	1.862	G	230
DT0156	15	1200	284T	90.2	91.0	90.5	83.0	79.0	70.0	37.5	232	67.030	225	185	235	5.854	G	276
DT0202	20	3600	254T	90.2	90.5	90.0	91.0	90.0	85.0	45.6	290	29.960	190	140	230	0.872	G	230
DT0204	20	1800	256T	91.0	92.0	92.0	88.0	86.0	79.0	46.8	290	59.830	220	155	245	2.174	G	230
DT0206	20	1200	286T	91.0	91.5	91.0	84.0	91.0	73.0	49.0	290	89.750	205	170	225	7.289	G	235
DT0252	25	3600	256T	91.0	92.0	91.0	91.0	91.0	86.0	56.5	365	37.400	215	150	230	1.213	G	230
DT0254	25	1800	284T	91.7	92.0	91.5	86.0	83.5	77.0	59.4	365	74.790	205	165	230	3.372	G	276
DT0302	30	3600	284TS	91.0	91.0	90.5	89.0	87.5	82.0	69.4	435	44.620	185	140	235	1.333	G	276
DT0304	30	1800	286T	92.4	92.5	92.0	86.5	84.0	77.0	70.3	435	89.500	220	175	230	4.169	G	235
DT0402	40	3600	286TS	91.7	92.0	92.0	88.0	87.0	80	92.8	580	59.500	180	135	245	1.588	G	235

- Note:
1. The above are typical values based on test according to ANSI/IEEE standard 112 method B.
 2. Breakdown & locked rotor torques are shown as average expected values.
 3. Tolerance According to NEMA MG1-12 & IEC 34-1.
 4. Data subject to change without notice.