

ODP General Purpose

TEFC General Purpose

Explosion Proof

IEC

Definite Purpose

LV Mods. (Stock & Prod.)

MV General Purpose Open

MV Gen. Purp. Enclosed

MV Modifications

Totally Enclosed Fan Cooled

EQP Global® SD Top Mount

NEMA Premium® Efficiency



The EQP Global® Top Mount motor series is designed for severe duty applications. The EQP Global® Top Mount features multiple new design enhancements, including a top-mounted conduit box for a reduced installation profile, that make it one of the lowest cost-of ownership products in the industry.



Product Scope:

- Horsepower:** 1 to 200 HP

- Speed (60 Hz):** 3600, 1800, or 1200 RPM
(50 Hz): 3000, 1500, or 1000 RPM

- Volt (60 Hz):** 230/460 or 575 V
(50 Hz): 190/380 V

- Enclosure:** Totally Enclosed Fan Cooled

- Frame Size*:** 143T through S447T

- Construction:** Cast Iron Frame, Bearing Brackets, & Conduit Box

- Insulation:** Class F Inverter Duty, Exceeds NEMA MG1 Part 31
(Voltage Withstand Capability of 2000 V in 0.1 μs)

* Production modifications not applicable to EQP Global Motors® 140 through 360 Frames.



3 THREE YEAR WARRANTY

HP	Speed (RPM)	Volts	Frame	Weight (lbs.)	Model Number	FL Amps	Nominal FL EFF	Notes	Discount Symbol
1	1800	230/460	143T	57	0014SDSR41A-P3	3.4/1.7	85.5	1, 9, 18	MTPFCP
1	1800	575	143T	57	0014SDSC41A-P3	1.2	85.5	1, 18	MTPFCP
1	1200	230/460	145T	56	0016SDSR41A-P3	3.6/1.8	82.5	1, 9, 18	MTPFCP
1	1200	575	145T	56	0016SDSC41A-P3	1.5	82.5	1, 18	MTPFCP
1.5	3600	230/460	143T	57	Y152SDSR41A-P3	4.0/2.0	84.0	1, 9, 18	MTPFCP
1.5	3600	575	143T	57	Y152SDSC41A-P3	1.6	84.0	1, 18	MTPFCP
1.5	1800	230/460	145T	59	Y154SDSR41A-P3	4.8/2.4	86.5	1, 9, 18	MTPFCP
1.5	1800	575	145T	59	Y154SDSC41A-P3	1.9	86.5	1, 18	MTPFCP
1.5	1200	230/460	182T	79	Y156SDSR41A-P3	5.0/2.5	87.5	1, 9, 18	MTPFCP
1.5	1200	575	182T	79	Y156SDSC41A-P3	2.0	87.5	1, 18	MTPFCP
2	3600	230/460	145T	59	0022SDSR41A-P3	5.2/2.6	85.5	1, 9, 18	MTPFCP
2	3600	575	145T	59	0022SDSC41A-P3	2.1	85.5	1, 18	MTPFCP
2	1800	230/460	145T	62	0024SDSR41A-P3	6.0/3.0	86.5	1, 9, 18	MTPFCP
2	1800	575	145T	62	0024SDSC41A-P3	2.4	86.5	1, 18	MTPFCP
2	1200	230/460	184T	93	0026SDSR41A-P3	6.8/3.4	88.5	1, 9, 18	MTPFCP
2	1200	575	184T	93	0026SDSC41A-P3	2.7	88.5	1, 18	MTPFCP
3	3600	230/460	182T	95	0032SDSR41A-P3	7.4/3.7	86.5	1, 9, 18	MTPFCP
3	3600	575	182T	95	0032SDSC41A-P3	3.0	86.5	1, 18	MTPFCP

Totally Enclosed Fan Cooled

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HP	Speed (RPM)	Volts	Frame	Weight (lbs.)	Model Number	FL Amps	Nominal FL EFF	Notes	Discount Symbol
3	1800	230/460	182T	108	0034SDSR41A-P3	8.0/4.0	89.5	1, 9, 18	MTPFCP
3	1800	575	182T	108	0034SDSC41A-P3	3.2	89.5	1, 18	MTPFCP
3	1200	230/460	213T	147	0036SDSR41A-P3	8.8/4.4	89.5	1, 9, 18	MTPFCP
3	1200	575	213T	147	0036SDSC41A-P3	3.5	89.5	1, 18	MTPFCP
5	3600	230/460	184T	108	0052SDSR41A-P3	11.6/5.8	88.5	1, 9, 18	MTPFCP
5	3600	575	184T	108	0052SDSC41A-P3	4.6	88.5	1, 18	MTPFCP
5	1800	230/460	184T	110	0054SDSR41A-P3	13.8/6.9	89.5	1, 9, 18	MTPFCP
5	1800	575	184T	110	0054SDSC41A-P3	5.1	89.5	1, 18	MTPFCP
5	1200	230/460	215T	165	0056SDSR41A-P3	13.8/6.9	89.5	1, 9, 18	MTPFCP
5	1200	575	215T	165	0056SDSC41A-P3	5.5	89.5	1, 18	MTPFCP
7.5	3600	230/460	213T	178	Y752SDSR41A-P3	18.0/9.0	89.5	1, 9, 18	MTPFCP
7.5	3600	575	213T	178	Y752SDSC41A-P3	7.2	89.5	1, 18	MTPFCP
7.5	1800	230/460	213T	198	Y754SDSR41A-P3	19.6/9.8	91.7	1, 9, 18	MTPFCP
7.5	1800	575	213T	198	Y754SDSC41A-P3	7.7	91.7	1, 18	MTPFCP
7.5	1200	230/460	254T	252	Y756SDSR41A-P3	20.4/10.2	91.0	1, 9, 18	MTPFCP
7.5	1200	575	254T	252	Y756SDSC41A-P3	8.2	91.0	1, 18	MTPFCP
10	3600	230/460	215T	198	0102SDSR41A-P3	23.6/11.8	90.2	1, 9, 18	MTPFCP
10	3600	575	215T	198	0102SDSC41A-P3	9.4	90.2	1, 18	MTPFCP
10	1800	230/460	215T	209	0104SDSR41A-P3	26/13	91.7	1, 9, 18	MTPFCP
10	1800	575	215T	209	0104SDSC41A-P3	10.1	91.7	1, 18	MTPFCP
10	1200	230/460	256T	274	0106SDSR41A-P3	26.8/13.4	91.0	1, 9, 18	MTPFCP
10	1200	575	256T	274	0106SDSC41A-P3	10.8	91.0	1, 18	MTPFCP
15	3600	230/460	254T	325	0152SDSR41A-P3	36/18	91.0	1, 9, 18	MTPFCP
15	3600	575	254T	326	0152SDSC41A-P3	14.4	91.0	1, 18	MTPFCP
15	1800	230/460	254T	343	0154SDSR41A-P3	38/19	92.4	1, 9, 18	MTPFCP
15	1800	575	254T	316	0154SDSC41A-P3	15.2	92.4	1, 18	MTPFCP
15	1200	230/460	284T	364	0156SDSR41A-P3	40/20	91.7	1, 9, 18	MTPFCP
15	1200	575	284T	364	0156SDSC41A-P3	15.8	91.7	1, 18	MTPFCP
20	3600	230/460	256T	310	0202SDSR41A-P3	48/24	91.0	1, 9, 18	MTPFCP
20	3600	575	256T	310	0202SDSC41A-P3	19.2	91.0	1, 18	MTPFCP
20	1800	230/460	256T	380	0204SDSR41A-P3	50/25	93.0	1, 9, 18	MTPFCP
20	1800	575	256T	381	0204SDSC41A-P3	20	93.0	1, 18	MTPFCP
20	1200	230/460	286T	411	0206SDSR41A-P3	50/25	91.7	1, 9, 18	MTPFCP
20	1200	575	286T	411	0206SDSC41A-P3	20	91.7	1, 18	MTPFCP
25	3600	230/460	284TS	466	0252SDSR41B-P3	58/29	91.7	1, 9, 18	MTPFCP
25	3600	575	284TS	466	0252SDSC41B-P3	23	91.7	1, 18	MTPFCP
25	1800	230/460	284T	499	0254SDSR41A-P3	62/31	93.6	1, 9, 18	MTPFCP
25	1800	575	284T	499	0254SDSC41A-P3	24	93.6	1, 18	MTPFCP
25	1200	230/460	324T	545	0256SDSR41A-P3	62/31	93.0	1, 9, 18	MTPFCP
25	1200	575	324T	545	0256SDSC41A-P3	25	93.0	1, 18	MTPFCP
30	3600	230/460	286TS	495	0302SDSR41B-P3	70/35	91.7	1, 9, 18	MTPFCP
30	3600	575	286TS	495	0302SDSC41B-P3	28	91.7	1, 18	MTPFCP
30	1800	230/460	286T	504	0304SDSR41A-P3	72/36	93.6	1, 9, 18	MTPFCP
30	1800	575	286T	517	0304SDSC41A-P3	29	93.6	1, 18	MTPFCP
30	1200	230/460	326T	571	0306SDSR41A-P3	74/37	93.0	1, 9, 18	MTPFCP
30	1200	575	326T	571	0306SDSC41A-P3	30	93.0	1, 18	MTPFCP
40	3600	230/460	324TS	623	0402SDSR41B-P3	94/47	92.4	1, 9, 18	MTPFCP
40	3600	575	324TS	623	0402SDSC41B-P3	38	92.4	1, 18	MTPFCP

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HP	Speed (RPM)	Volts	Frame	Weight (lbs.)	Model Number	FL Amps	Nominal FL EFF	Notes	Discount Symbol
40	1800	230/460	324T	656	0404SDSR41A-P3	96/48	94.1	1, 9, 18	MTPFCP
40	1800	575	324T	656	0404SDSC41A-P3	38	94.1	1, 18	MTPFCP
40	1200	230/460	364T	708	0406SDSR41A-P3	96/48	94.1	1, 9, 18	MTPFCP
40	1200	575	364T	708	0406SDSC41A-P3	38	94.1	1, 18	MTPFCP
50	3600	230/460	326TS	653	0502SDSR41B-P3	116/58	93.0	1, 9, 18	MTPFCP
50	3600	575	326TS	653	0502SDSC41B-P3	46	93.0	1, 18	MTPFCP
50	1800	230/460	326T	711	0504SDSR41A-P3	120/60	94.5	1, 9, 18	MTPFCP
50	1800	575	326T	711	0504SDSC41A-P3	48	94.5	1, 18	MTPFCP
50	1200	230/460	365T	757	0506SDSR41A-P3	120/60	94.1	1, 9, 18	MTPFCP
50	1200	575	365T	757	0506SDSC41A-P3	48	94.1	1, 18	MTPFCP
60	3600	230/460	364TS	854	0602SDSR41B-P3	138/69	93.6	1, 9, 18	MTPFCP
60	3600	575	364TS	854	0602SDSC41B-P3	55	93.6	1, 18	MTPFCP
60	1800	230/460	364T	875	0604SDSR41A-P3	138/69	95.0	1, 9, 18	MTPFCP
60	1800	575	364T	876	0604SDSC41A-P3	55	95.0	1, 18	MTPFCP
60	1200	230/460	404T	1259	0606SDSR41A-PR3	152/76	94.5	1, 2, 9, 18	MTPFCP
60	1200	575	404T	1241	0606SDSC41A-PR3	61	94.5	1, 2, 18	MTPFCP
75	3600	230/460	365TS	887	0752SDSR41B-P3	172/86	93.6	1, 9, 18	MTPFCP
75	3600	575	365TS	887	0752SDSC41B-P3	69	93.6	1, 18	MTPFCP
75	1800	230/460	365T	964	0754SDSR41A-P3	170/85	95.4	1, 9, 18	MTPFCP
75	1800	575	365T	964	0754SDSC41A-P3	69	95.4	1, 18	MTPFCP
75	1200	230/460	405T	1374	0756SDSR41A-PR3	188/94	94.5	1, 2, 9, 18	MTPFCP
75	1200	575	405T	1319	0756SDSC41A-PR3	75	94.5	1, 2, 18	MTPFCP
100	3600	230/460	405TS	1305	1002SDSR41B-P3	226/113	94.1	1, 9, 18	MTPFCP
100	3600	575	405TS	1305	1002SDSC41B-P3	73	94.1	1, 18	MTPFCP
100	1800	230/460	405T	1367	1004SDSR41A-P3	232/116	95.4	1, 9, 18	MTPFCP
100	1800	230/460	405T	1367	1004SDSR41A-PR3	232/116	95.4	1, 2, 9, 18	MTPFCP
100	1800	575	405T	1367	1004SDSC41A-P3	93	95.4	1, 18	MTPFCP
100	1800	575	405T	1367	1004SDSC41A-PR3	93	95.4	1, 2, 18	MTPFCP
125	3600	230/460	S444TS	1988	1252SDSA41B-P3	265/137.5	95.0	1, 9, 18	MTPFCP
125	3600	575	S444TS	1940	1252SDSC41A-P3	110	95.0	1, 18	MTPFCP
125	1800	230/460	S444T	2500	1254SDSA41A-P3	284/142	95.4	1, 9, 18	MTPFCP
125	1800	575	S444T	2500	1254SDSC41A-P3	115	95.4	1, 18	MTPFCP
125	1800	230/460	S444T	2500	1254SDSA41A-PR3	284/142	95.4	1, 2, 9, 18	MTPFCP
125	1800	575	S444T	2500	1254SDSC41A-PR3	115	95.4	1, 2, 18	MTPFCP
150	3600	230/460	S445TS	2500	1502SDSA41B-P3	326/163	95.0	1, 9, 18	MTPFCP
150	3600	575	S445TS	2500	1502SDSC41B-P3	131	95.0	1, 18	MTPFCP
150	1800	230/460	S445T	2500	1504SDSA41A-P3	336/168	95.8	1, 9, 18	MTPFCP
150	1800	575	S445T	2500	1504SDSC41A-P3	135	95.8	1, 18	MTPFCP
150	1800	230/460	S445T	2500	1504SDSA41A-PR3	336/168	95.8	1, 2, 9, 18	MTPFCP
150	1800	575	S445T	2500	1504SDSC41A-PR3	135	95.8	1, 2, 18	MTPFCP
200	3600	460	S447TS	3820	2002SDSB41B-P3	221	95.4	1, 18	MTPFCP
200	3600	575	S447TS	3820	2002SDSC41B-P3	177	95.4	1, 18	MTPFCP
200	1800	460	S447T	2500	2004SDSB41A-P3	229	96.2	1, 18	MTPFCP
200	1800	575	S447T	2500	2004SDSC41A-P3	184	96.2	1, 18	MTPFCP
200	1800	460	S447T	2500	2004SDSB41A-PR3	229	96.2	1, 2, 18	MTPFCP
200	1800	575	S447T	2500	2004SDSC41A-PR3	184	96.2	1, 2, 18	MTPFCP

FL Amps and FL EFF are average expected design values and not guaranteed.

The weights listed above are estimated.

Please contact Toshiba for information on product availability.

"CF" = Consult Factory