



marathon Motors **Dayton**

1-Phase Jet Pump Motors

- Thermal protection: auto
 - 60 Hz, except No. 2K650 is 60/50 Hz
 - Insulation: Class B
 - Mounting: horizontal or vertical, shaft down
 - Bearings: ball
 - Motor: capacitor-start, unless footnoted
- Shaft slinger (all models) and gasketed conduit box (TEFC models only) protect against moisture and contaminants.

56C frame shaft: 5/8" dia. x 1 1/8" L, 3/16"-wide keyway.

56J frame shaft: stainless steel, 7/16"-20 UNF-2A, RH threaded 1 1/16" from end, 2 7/16" length. Use in jet pump water systems, centrifugal and hydraulic pumps, and other applications requiring NEMA 56C- or 56J-face mounting. UL Recognized and CSA Certified.

Note: Must equal or exceed service factor and HP for proper replacement.

MARATHON

2-compartment design with locked ball bearings on shaft end. Voltage-change plug and enlarged conduit box for easy terminal lead connection. 56C frame has 416 stainless steel shaft.

DAYTON®

Single-compartment design. 56C frame has carbon steel keyed shaft. 1/2-HP and higher motors include drip cover kit for vertical mounting.

HP	Nameplate RPM	Rotation	Voltage	Full Load Amps	Service Factor	Max. Ambient Temp.	Brand	Mfr. Stock No.	Item No.
Open Dripproof, 56C Frame, Face-Mount, Keyed Shaft									
1/3	3450	CCWSE	115	6.2	1.75	50°C	Marathon	H439	2K409 *
	3450	CCWSE	115/230	6.2/3.1	1.75	50°C	Marathon	C1081	2K391
	3450	CCWSE	115/230	6.2/3.1	1.75	40°C	Dayton	5K955	5K955
1/2	3450	CCWSE	115/230	8.2/4.1	1.60	50°C	Marathon	C1082	2K392
	3450	CCWSE	115/230	7.7/3.8	1.60	40°C	Dayton	5K657	5K657
	3450	CW/CCW	115/230	11.2/5.6	1.50	40°C	Marathon	C332	4K110
3/4	3450	CCWSE	115/230	13.0/6.5	1.50	50°C	Marathon	C1083A	35LF85
	3450	CCWSE	115/230	11.6/5.8	1.50	40°C	Dayton	5K658	5K658
	3450	CW/CCW	115/208-230	13.2/6.5-6.6	1.40	40°C	Marathon	C334	4K111
1	3450	CW/CCW	115/208-230	12.8/6.7-6.4	1.40	40°C	Dayton	5K659	5K659
	3450	CCWSE	115/230	14.2/7.1	1.40	50°C	Marathon	C1084	2K394
	3450	CW/CCW	115/208-230	18.4/9.8-9.2	1.30	40°C	Marathon	C336	4K112
1 1/2	3450	CW/CCW	115/208-230	18.2/9.2-9.1	1.30	40°C	Dayton	5K469	5K469
	3450	CCWSE	115/230	15.8/7.9	1.30	50°C	Marathon	C1085	2K395 †
	3450	CW/CCW	115/208-230	21.2/11.5-10.6	1.20	40°C	Marathon	C338	4K113
2	3450	CCWSE	115/208-230	19.6/10.7-9.8	1.20	40°C	Dayton	5K470	5K470
	3450	CCWSE	115/230	19.2/9.6	1.20	50°C	Marathon	C1086	2K396 †
3	3450	CW/CCW	115/230	29.4/14.7	1.15	40°C	Marathon	C340	4K114 †
Totally Enclosed Fan-Cooled, 56C Frame, Face/Base-Mount, Keyed Shaft									
1/2	3450	CW/CCW	115/230	7.4/3.7	1.25	40°C	Marathon	C444	2K379
Open Dripproof, 56J Frame, Face/Base-Mount, Threaded Shaft									
1/3	3450	CCWSE	115	6.2	1.75	50°C	Marathon	H685	5U259 *
	3450	CCWSE	115/230	8.2/4.1	1.60	50°C	Marathon	C1462	5U170
1/2	3450	CCWSE	115/230	9.0/4.5	1.60	40°C	Dayton	6K580	6K580
	3450	CCWSE	115/208-230	11.0/5.4-5.5	1.50	40°C	Dayton	6K581	6K581
3/4	3450	CCWSE	115/230	11.6/5.8	1.50	50°C	Marathon	C1463	5U171
	3450	CCWSE	115/208-230	13.2/6.8-6.6	1.40	40°C	Dayton	6K582	6K582
	3450	CCWSE	115/230	14.2/7.1	1.40	50°C	Marathon	C1464	5U172
1 1/2	3450	CCWSE	115/208-230	18.2/9.2-9.1	1.30	40°C	Dayton	6K516	6K516
	3450	CCWSE	115/230	15.8/7.9	1.30	50°C	Marathon	C1465	5U173 †
2	3450	CCWSE	115/230	19.2/9.6	1.20	50°C	Marathon	C1466	5U174 †
Open Dripproof, 56J Frame, Face-Mount, Threaded Shaft									
1/3	3450	CCWSE	115	6.2	1.75	50°C	Marathon	H440	2K410 *
	3450	CCWSE	115/208-230	6.4/3-3.2	1.75	40°C	Marathon	C329	2K366
1/2	3450	CCWSE	115/230	6.2/3.1	1.75	50°C	Marathon	C1087	2K397
	3450	CCWSE	115/230	6.2/3.1	1.75	40°C	Dayton	5K956	5K956
	1725/1425	CCWSE	115/208-230	6.0/3.2-3.0	1.35	40°C	Marathon	C683	2K650
	3450	CCWSE	115/208-230	7.6/3.7-3.8	1.60	40°C	Marathon	C331	2K367
1/2	3450	CCWSE	115/230	8.2/4.1	1.60	50°C	Marathon	C1088	2K398
	3450	CCWSE	115/230	9.0/4.5	1.65	40°C	Dayton	5K660	5K660
	3450	CCWSE	115/208-230	11.2/5.3-5.6	1.50	40°C	Marathon	C333	2K368
3/4	3450	CCWSE	115/208-230	10.4/5.4-5.2	1.50	40°C	Dayton	5K661	5K661
	3450	CCWSE	115/230	11.6/5.8	1.50	50°C	Marathon	C1089	2K399
	3450	CCWSE	115/208-230	13.2/6.5-6.6	1.40	40°C	Marathon	C335	2K369
1	3450	CCWSE	115/230	14.2/7.1	1.40	50°C	Marathon	C1090	2K400
	3450	CCWSE	115/230	13.4/6.7	1.40	40°C	Dayton	5K662	5K662
	3450	CCWSE	115/208-230	18.2/9.2-9.1	1.30	40°C	Dayton	5K475	5K475
1 1/2	3450	CCWSE	115/230	18.4/9.2	1.30	40°C	Marathon	C337	2K370
	3450	CCWSE	115/230	15.8/7.9	1.30	50°C	Marathon	C1091	2K401 †
	3450	CCWSE	115/208-230	19.6/10.7-9.8	1.20	40°C	Dayton	5K476	5K476
2	3450	CCWSE	115/230	21.2/10.6	1.20	40°C	Marathon	C339	2K371
	3450	CCWSE	115/230	19.2/9.6	1.20	50°C	Marathon	C1092	2K402 †
3	3450	CCWSE	115/230	29.4/14.7	1.15	40°C	Marathon	C341	2K372 †
Totally Enclosed Fan-Cooled, 56J Frame, Face-Mount, Threaded Shaft									
1/2	3450	CW/CCW	115/230	5.6/2.8	1.00	40°C	Marathon	C1336	5T876
	3450	CCWSE	115/230	7.4/3.7	1.15	40°C	Marathon	C465	2K382
1	3450	CCWSE	115/230	13.0/6.5	1.15	40°C	Marathon	C352	2K378
2	3450	CCWSE	115/230	17.8/8.9	1.00	40°C	Marathon	C878	2K390 †

* Split-phase. † Capacitor-start, capacitor-run.



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3-Phase Jet Pump Motors

- 56J frame
- Thermal protection: none
- Bearings: ball
- Max. ambient temp.: 40°C

Shaft: stainless steel, 7/16"-20 UNF-2A RH threaded 1 1/16" from end, 2 7/16" L. Open dripproof models have a shaft slinger and gasketed conduit box to protect against moisture and contamination.

Dayton® motors will operate at 50 Hz on 190/380V at 5/6 of 60 Hz HP and rpm. For use in industrial, commercial, centrifugal, and hydraulic pumps. UL Recognized and CSA Certified.

Note: Must equal or exceed service factor and HP for proper replacement.

HP	Nameplate RPM	Rotation	Voltage	Full Load Amps	Service Factor	Ins. Class	Brand	Mfr. Stock No.	Item No.
Open Dripproof, Face-Mount									
1/3	3450/2850	CW/CCW	208-230/460	1.5-1.8/0.90	1.75	B	Marathon	K748	4N087
	3450	CW/CCW	208-230/460	2.0-2.0/1.0	1.60	B	Marathon	K217	4N062
1/2	1725	CW/CCW	208-230/460	2.3-2.2/1.1	1.25	B	Marathon	K553	4N085
3/4	1725	CW/CCW	208-230/460	3.3-3.0/1.5	1.25	B	Marathon	K555	4N086
1	3450	CW/CCW	208-230/460	3.3-3.2/1.6	1.40	B	Marathon	K221	4N064
	1725	CW/CCW	208-230/460	3.6-3.8/1.9	1.15	B	Marathon	K750	4N089
1 1/2	3450	CW/CCW	208-230/460	5.0-4.8/2.4	1.30	B	Marathon	K223	4N065
	1725	CW/CCW	208-230/460	5.8-5.6/2.8	1.15	B	Marathon	K751	4N090
2	3450	CW/CCW	208-230/460	6.0-6.0/3.0	1.20	B	Marathon	K225	4N066
3	3450	CW/CCW	208-230/460	8.9-8.2/4.1	1.15	B	Marathon	K227	4N067
Open Dripproof, Face/Base-Mount									
3/4	3530/2910	CW/CCW	208-230/460	2.3-2.2/1.1	1.15	B	Dayton	3N088	3N088
	3450	CW/CCW	208-230/460	2.6-2.6/1.3	1.50	B	Marathon	K1483	5U264
1 1/2	3450	CW/CCW	230/460	3.8/1.9	1.30	B	Dayton	522W08	522W08
Totally Enclosed Fan-Cooled, Face-Mount									
1/2	3450	CW/CCW	200-230/460	2.1-2.0/1.0	1.60	A	Marathon	K230	4N070
	1725	CW/CCW	208-230/460	2.3-2.2/1.1	1.00	B	Marathon	K550	4N084
1 1/2	3450	CW/CCW	230/460	4.0/2.0	1.30	B	Marathon	KG236A	53DE73
2	3450	CW/CCW	230/460	5.0/2.5	1.25	F	Marathon	K238A	53DE40
3	3450	CW/CCW	230/460	7.6/3.8	1.00	B	Marathon	K240A	53DE42
Totally Enclosed Fan-Cooled, Face/Base-Mount									
1 1/2	3450	CW/CCW	230/460	4.0/2.0	1.15	B	Marathon	J064A	53DE36
Totally Enclosed Fan-Cooled, Rigid Base-Mount									
1	3450	CW/CCW	230/460	3.0/1.5	1.15	B	Marathon	J063A	53UF61