

3-Phase Wet Environment/Car Wash Motor

- Enclosure: totally enclosed fan-cooled
- Rotation: CW/CCW
- Insulation: Class F
- Mounting: face
- Bearings: ball

- Max. ambient temp.: 40°C

Use when frequent high-pressure washdown is required. Motor features 303 stainless steel shaft with contact lip seal and V-ring slinger.

marathon
Motors



HP	Nameplate RPM	Frame	Motor Thermal Protection	Voltage	Full Load Amps	Service Factor	Nom. Efficiency	Shaft Dia.	Shaft Length	Overall Length	Item No.
1	1,760	56C	None	230/460V AC	3.2/1.60	1.15	85.5 %	½ in	2 ½ in	12 ½ in	53DE48

Dayton



marathon
Motors

1-Phase Painted Washdown Motors

- Rotation: CW/CCW
- Thermal protection: auto on PSC motors; none on capacitor-start
- Insulation: Class F
- Bearings: ball
- Max. ambient temp.: 40°C
- Duty: continuous

Built to comply with NEMA standard MG1-1.26.6 for washdown motors. 303 stainless steel shaft. V-ring rotating seal. Double-sealed, oversize bearings and spring-loaded contact seals in each endshield are lubricated with moisture-resistant grease. Conduit boxes have drains to shed excess moisture. White epoxy finish for superior resistance to caustic cleaning solutions. For high humidity/wet environments and areas where motor is occasionally exposed to high-pressure washdowns. USDA Approved paint finish.



HP	Nameplate RPM	Frame	Enclosure	Voltage	Full Load Amps	Service Factor	Nom. Efficiency	Shaft Dia.	Shaft Length	Length Less Shaft	Brand	Item No.
Permanent Split Capacitor, Yoke-Mount												
¼	1,700	56YZ	TEAO	115/230V AC	3.5/1.70	1	57.6 %	½ in	3 in	7 ½ in	Dayton	5M063
½	1,700	56YZ	TEAO	115/230V AC	4.9/2.5	1	60.8 %	½ in	3 in	7 ½ in	Dayton	5M062
¾	1,700	56YZ	TEAO	115/230V AC	5.9/2.9	1	68.7 %	¾ in	3 in	7 ½ in	Dayton	5M061
Capacitor-Start, Face-Mount												
½	1,725	56C	TEFC	115/208-230V AC	8.8/4.1-4.4	1.15	66 %	¾ in	1 ½ in	9 ¼ in	Marathon	1TUR5
1	1,725	56C	TEFC	115/208-230V AC	12.8/6.6-6.4	1.15	75 %	¾ in	1 ½ in	10 ¼ in	Marathon	1TUR6
Capacitor-Start, Face/Base-Mount												
½	1,725	56C	TENV	115/208-230V AC	7.3/3.9-3.7	1.15	77.6 %	¾ in	2 ½ in	9 ¼ in	U.S. Motors	55ML69
¾	1,725	56C	TEFC	115/208-230V AC	8.8/4.4	1.15	66 %	¾ in	1 ½ in	9 ¼ in	Marathon	1TUP4
1	1,725	56C	TEFC	115/208-230V AC	10.8/5.4	1.15	70 %	¾ in	1 ½ in	9 ¼ in	Marathon	1TUP5
1 ½	1,725	56HC	TEFC	115/208-230V AC	12.8/6.4	1.15	75 %	¾ in	1 ½ in	10 ¼ in	Marathon	1TUP6
Capacitor-Start/Run, Face/Base-Mount												
1 ½	1,740	56HC	TEFC	115/208-230V AC	14.8/7.8-7.4	1.15	80 %	¾ in	1 ½ in	11 ¼ in	Marathon	1TUP7
2	1,740	56HC	TEFC	115/208-230V AC	20.0/10.2-10.0	1.15	80 %	¾ in	1 ½ in	11 ¼ in	Marathon	1TUP8

3-Phase Painted Washdown Brake Motors

- Rotation: CW/CCW
- Service factor: 1.15
- Insulation: Class F
- Bearings: ball
- Max ambient temp.: 40°C
- Duty: continuous

Built to comply with NEMA standard MG1-1.26.6 for washdown motors. Features 303 stainless steel shaft and V-ring rotating seal. Double sealed, oversized bearings and spring-loaded contact seals in each endshield are lubricated with moisture-resistant grease. Conduit boxes have drains to shed excess moisture. White epoxy finish resists caustic cleaning solutions. For use in high humidity, wet environments or where motor is occasionally exposed to high-pressure washdowns. Brake motors are suitable for use in drives for conveyors, food packaging and processing equipment. USDA Approved paint finish.



Face-Mount



Face/Base-Mount

HP	Nameplate RPM	Frame	Enclosure	Voltage	Full Load Amps	Nom. Efficiency	Shaft Dia.	Shaft Length	Length Less Shaft	Includes	Item No.
Face-Mount											
½	1,725	56C	TENV	208-230/460V AC	1.80	78.5 %	¾ in	1 ½ in	12 ½ in	3 ft.-lb. Brake	48ZF17
1	1,750	56C	TENV	208-230/460V AC	3.0-2.8/1.40	85.5 %	¾ in	1 ½ in	15 ½ in	6 ft.-lb. Brake	48ZF20
1 ½	1,750	145TC	TEFC	208-230/460V AC	2.4	86.5 %	¾ in	2 ½ in	16 ½ in	10 ft.-lb. Brake	48ZF21
2	1,745	145TC	TEFC	208-230/460V AC	2.00	86.5 %	¾ in	2 in	17 in	10 ft.-lb. Brake	48ZF22
Face/Base-Mount											
½	1,725	56C	TENV	208-230/460V AC	0.65	72 %	¾ in	1 ½ in	12 ½ in	3 ft.-lb. Brake	48ZF09
¾	1,725	56C	TENV	208-230/460V AC	1.20	80 %	¾ in	1 ½ in	13 ½ in	6 ft.-lb. Brake	48ZF11
1	1,750	143TC	TENV	208-230/460V AC	1.30	85.5 %	¾ in	2 ½ in	15 in	6 ft.-lb. Brake	48ZF12
1 ½	1,750	56HC	TENV	208-230/460V AC	3.0-2.8/1.40	85.5 %	¾ in	1 ½ in	15 ½ in	6 ft.-lb. Brake	48ZF13
1 ½	1,750	145TC	TEFC	208-230/460V AC	2.4	86.5 %	¾ in	2 ½ in	16 ½ in	10 ft.-lb. Brake	48ZF14
2	1,745	145TC	TEFC	208-230/460V AC	2.00	86.5 %	¾ in	2 in	17 in	10 ft.-lb. Brake	48ZF15

IMPORTANT MOTOR INFORMATION

Refer to pages 3-7 for selection guidelines, standardized dimensions, thermal protection information, UL 507 Standard location information, NEMA & IEC guidelines, energy legislation information, and terminology.