



## 1- and 3-Phase Stainless Steel Washdown Motors

- Rotation: CW/CCW
- Thermal protection: none, except Nos. 12V772 to 12V775 are auto
- Insulation: Class F
- Bearings: ball
- Max. ambient temp.: 40°C

1-phase models are built to comply with NEMA MG1-1.26.6. All exterior components are 300 Series stainless steel to provide maximum corrosion resistance in severe-duty and washdown environments. Motors are well-sealed against moisture and condensation to protect internal components, and exteriors are completely paint- and coating-free. Heavy polyester insulating varnish applied to the windings for extra moisture and corrosion resistance. Moisture-resistant sealant between frame and endbells. Double-sealed oversized bearings with rust-inhibitive grease. Shaft-end bearing is locked internally to limit axial endplay. 4 drains in each endshield allow drainage of condensation in any mounting position. For use in the food processing, chemical processing, and beverage industries. UL Recognized, CSA Certified. 3-phase models are also CE Certified.

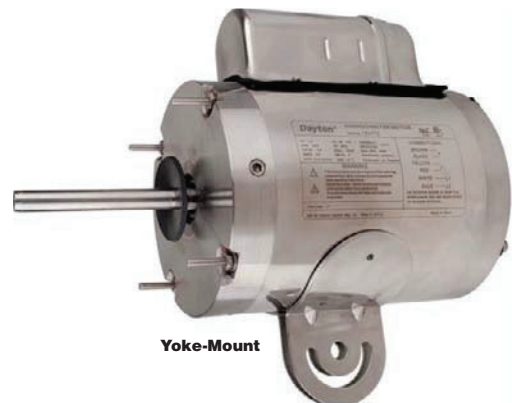
HP	Nameplate RPM	Frame	Voltage	Full Load Amps	Service Factor	Nom. Efficiency	Shaft Dia.	Shaft Length	Overall Length	Item No.
<b>1-Phase</b>										
<b>Totally Enclosed Fan-Cooled, Face-Mount</b>										
3/4	1745	56C	115/208-230	7.6/4.0-3.8	1.15	78.0%	5/8"	1 7/8"	13 1/8"	11G244
1	1745	56C	115/208-230	11.2/5.8-5.6	1.15	66.0%	5/8"	1 7/8"	13 3/8"	11G245
1 1/2	1745	56C	115/208-230	14.8/7.6-7.4	1.15	81.0%	5/8"	1 7/8"	14 3/8"	11G246
2	3450	56C	208-230	8.9-7.4	1.15	83.0%	5/8"	1 7/8"	14 3/8"	11G247
	1745	56C	208-230	9.9-8.5	1.00	80.0%	5/8"	1 7/8"	14 7/8"	11G248
<b>Totally Enclosed Fan-Cooled, Face/Base-Mount</b>										
1/2	1745	56HC	115/208-230	5.0/2.6-2.5	1.15	77.3%	5/8"	1 7/8"	13 1/8"	11G252
3/4	1745	56HC	115/208-230	7.6/4.0-3.8	1.15	78.0%	5/8"	1 7/8"	13 1/8"	11G253
1	1745	56HC	115/208-230	11.2/5.8-5.6	1.15	66.0%	5/8"	1 7/8"	13 3/8"	11G254
1 1/2	1745	56HC	115/208-230	14.8/7.6-7.4	1.15	81.0%	5/8"	1 7/8"	14 3/8"	11G255
	3450	56HC	208-230	8.9-7.9	1.15	83.0%	5/8"	1 7/8"	14 3/8"	11G256
	1745	56HC	208-230	9.9-8.5	1.00	80.0%	5/8"	1 7/8"	14 7/8"	11G257
<b>Totally Enclosed Air-Over, Yoke-Mount</b>										
1/4	1075	48YZ	115	3.5	1.00	55.3%	1/2"	4 1/8"	11 9/16"	12V772
1/2	1075	48YZ	115	5.8	1.00	63.3%	5/8"	4 1/8"	12 9/16"	12V775
<b>3-Phase, Inverter Duty, 10:1 Variable and 6:1 Constant Torque</b>										
<b>Totally Enclosed Nonventilated, Face-Mount</b>										
1/2	1745	56C	208-230/460	1.8-1.6/0.8	1.15	82.5%	5/8"	1 7/8"	9 3/4"	6WY51
	1155	56C	208-230/460	1.9-1.8/0.9	1.15	80.0%	5/8"	1 7/8"	9 3/4"	6WY53
3/4	1745	56C	208-230/460	2.3-2.2/1.1	1.15	82.5%	5/8"	1 7/8"	9 3/4"	6WY55
	1155	56C	208-230/460	3.8-3.7/1.85	1.15	80.0%	5/8"	1 7/8"	11 5/16"	6WY54
1	1740	56C	230/460	3.0/1.5	1.15	85.5%	5/8"	1 7/8"	11 5/16"	6WY57
<b>Totally Enclosed Nonventilated, Face/Base-Mount</b>										
1/4	3500	56C	208-230/460	1.2-1.1/0.55	1.15	74.0%	5/8"	1 7/8"	9 3/4"	6WY29
	1745	56C	208-230/460	1.4-1.2/0.6	1.15	82.5%	5/8"	1 7/8"	9 3/4"	6WY28
	3460	56C	208-230/460	1.6-1.5/0.75	1.15	77.0%	5/8"	1 7/8"	9 3/4"	6WY32
1/2	1745	56C	208-230/460	1.8-1.6/0.8	1.15	82.5%	5/8"	1 7/8"	9 3/4"	6WY31
	1155	56C	208-230/460	1.9-1.8/0.9	1.15	80.0%	5/8"	1 7/8"	9 3/4"	6WY30
	3500	56C	208-230/460	2.3-2.2/1.1	1.15	80.0%	5/8"	1 7/8"	9 3/4"	6WY35
3/4	1745	56C	208-230/460	2.3-2.2/1.1	1.15	82.5%	5/8"	1 7/8"	9 3/4"	6WY34
	1155	56HC	208-230/460	3.8-3.7/1.85	1.15	80.0%	5/8"	1 7/8"	11 1/16"	6WY33
1	1740	56HC	230/460	3.0/1.5	1.15	85.5%	5/8"	1 7/8"	11 1/16"	6WY38
<b>3-Phase, Inverter Duty, 10:1 Variable and 3:1 Constant Torque</b>										
<b>Totally Enclosed Fan-Cooled, Face-Mount</b>										
1	1750	143TC	230/460	2.9/1.45	1.15	85.5%	7/8"	2 1/4"	13 1/4"	6WY58
	1165	56C	230/460	4.0/2.0	1.15	82.5%	5/8"	1 7/8"	13 1/4"	6WY56
1 1/2	1750	145TC	230/460	4.6/2.3	1.15	86.5%	7/8"	2 1/4"	13 1/4"	6WY60
	1750	56C	230/460	4.0/2.0	1.15	86.5%	5/8"	1 7/8"	13 1/4"	6WY59
2	1750	145TC	230/460	6.0/3.0	1.15	86.5%	7/8"	2 1/4"	13 1/4"	6WY61
	1750	56C	230/460	6.0/3.0	1.15	86.5%	5/8"	1 7/8"	13 1/4"	6WY62
<b>Totally Enclosed Fan-Cooled, Face/Base-Mount</b>										
	3470	56HC	230/460	2.8/1.4	1.15	77.0%	5/8"	1 7/8"	11 1/8"	6WY40
1	1750	143TC	230/460	3.0/1.5	1.15	85.5%	7/8"	2 1/4"	13 1/4"	4GPR9
	1165	145TC	230/460	4.0/2.0	1.15	82.5%	7/8"	2 1/4"	12 9/16"	4GPT1
	1165	56HC	230/460	4.0/2.0	1.15	82.5%	5/8"	1 7/8"	13 1/4"	6WY36
	3480	56HC	230/460	4.0/2.0	1.15	84.0%	5/8"	1 7/8"	13 1/4"	6WY44
1 1/2	1750	145TC	230/460	4.0/2.0	1.15	86.5%	7/8"	2 1/4"	12 9/16"	4GPT2
	1750	56HC	230/460	4.0/2.0	1.15	86.5%	5/8"	1 7/8"	13 1/4"	6WY42
	3480	145TC	230/460	4.8/2.4	1.15	85.5%	7/8"	2 1/4"	13 3/4"	4GPT3
2	3480	56HC	230/460	4.8/2.4	1.15	85.5%	5/8"	1 7/8"	13 1/4"	6WY48
	1750	145TC	230/460	6.0/3.0	1.15	86.5%	7/8"	2 1/4"	13 3/4"	4GPT4
	1750	56HC	230/460	6.0/3.0	1.15	86.5%	5/8"	1 7/8"	13 1/4"	6WY46
<b>3-Phase, Inverter Duty, 10:1 Variable and 4:1 Constant Torque</b>										
<b>Totally Enclosed Fan-Cooled, Face/Base-Mount</b>										
3	3510	182TC	230/460	8.1/4.05	1.15	86.5%	1 1/8"	2 3/4"	16 1/16"	2RKY6
	1765	182TC	230/460	8.0/4.0	1.15	89.5%	1 1/8"	2 3/4"	16 1/16"	2RKY5
5	3525	184TC	230/460	12.2/6.1	1.15	88.5%	1 1/8"	2 3/4"	16 1/16"	2RKY8
	1765	184TC	230/460	12.5/6.25	1.15	89.5%	1 1/8"	2 3/4"	16 1/16"	2RKY7
7 1/2	1755	213TC	230/460	18.6/9.3	1.15	91.7%	1 3/8"	3 3/8"	21 1/2"	2RKY9
10	3525	215TC	230/460	24.4/12.2	1.15	90.2%	1 3/8"	3 3/8"	22 9/16"	2RKZ3
	1760	215TC	230/460	24.4/12.2	1.15	91.7%	1 3/8"	3 3/8"	22 9/16"	2RKZ2
15	3540	254TC	230/460	37.0/18.5	1.15	91.0%	1 3/8"	4"	23 3/4"	2RKZ5
20	3540	256TC	230/460	46.0/23.0	1.15	91.0%	1 3/8"	4"	22 9/16"	2RKZ7



Face-Mount



Face/Base-Mount



Yoke-Mount

## 3-Phase Wet Environment/Car Wash Motors marathon Motors

- Enclosure: totally enclosed fan-cooled
- Rotation: CW/CCW
- Thermal protection: auto
- Insulation: Class B
- Mounting: face
- Bearings: double-sealed ball
- Max. ambient temp.: 40°C

Use when frequent high-pressure washdown is required. Motors feature 303 stainless steel shafts with contact lip seal and V-ring slinger. UL Recognized and CSA Certified. Nos. 53DE48 to 53DE50 are also CE Certified.

HP	Nameplate RPM	Frame	Voltage	Full Load Amps	Service Factor	Nom. Efficiency	Item No.
3/4	1725	56C	230/460	3.0/1.5	1.15	77.0%	5XB84
1	1760	56C	230/460	3.2/1.6	1.15	66.5%	53DE48
1 1/2	1750	56C	230/460	4.8/2.4	1.15	72.5%	53DE50
2	1745	56C	230/460	5.8/2.9	1.00	72.5%	53DE49



No. 5XB84