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



- 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.
1-Pha		0	. F M- ·							
<u>Fotall</u> ¾		an-Coole 560	d, Face-Mount	7.6/4.0.0.0	1 15	78.0%	5/8"	17/8"	131/8"	11G24
1	1745 1745	56C	115/208-230 115/208-230	7.6/4.0-3.8 11.2 /5.8-5.6	1.15 1.15	66.0%	9/8 5/8"	17/8"	13%	11G24
11/2	1745	56C	115/208-230	14.8/7.6-7.4	1.15	81.0%	5/8"	17/8"	143/8"	11G24
	3450	56C	208-230	8.9-7.4	1.15	83.0%	5/8"	17/8"	143/8"	11G24
2 -	1745	56C	208-230	9.9-8.5	1.00	80.0%	5/8"	17/8"	147/8"	11G24
ntall			d, Face/Base-N		1.00	00.076	70	1 /0	14/0	11024
1/2	1745	56HC	115/208-230	5.0/2.6-2.5	1.15	77.3%	5/8"	17/8"	131/8"	11G25
3/4	1745	56HC	115/208-230	7.6/4.0-3.8	1.15	78.0%	5/8"	17/8"	131/8"	11G25
1	1745	56HC	115/208-230	11.2 /5.8-5.6	1.15	66.0%	5/8"	17/8"	135/8"	11G25
11/2	1745	56HC	115/208-230	14.8/7.6-7.4	1.15	81.0%	5/8"	17/8"	143/8"	11G25
	3450	56HC	208-230	8.9-7.9	1.15	83.0%	5/8"	17/8"	143/8"	11G25
2 -	1745	56HC	208-230	9.9-8.5	1.00	80.0%	5/8"	17/8"	147/8"	11G25
ntall	y Enclosed A			0.0 0.0	1.00	00.070	,,,	170	1170	
1/4	1075	48YZ	115	3.5	1.00	55.3%	1/2"	41/16"	119/16"	12V77
1/2	1075	48YZ	115	5.8	1.00	63.3%	5/8"	41/16"	129/16"	12V77
			1 Variable and (			00.070	-,-	17.0	12715	
			ated, Face-Mou		. 4.0					
	1745	56C	208-230/460	1.8-1.6/0.8	1.15	82.5%	5/8"	17/8"	93/4"	6WY5
1/2 -	1155	56C	208-230/460	1.9-1.8/0.9	1.15	80.0%	5/8"	17/8"	93/4"	6WY5
2/	1745	56C	208-230/460	2.3-2.2/1.1	1.15	82.5%	5/8"	17/8"	93/4"	6WY5
3/4 -	1155	56C	208-230/460	3.8-3.7/1.85	1.15	80.0%	5/8"	17/8"	115/16"	6WY5
1	1740	56C	230/460	3.0/1.5	1.15	85.5%	5/8"	17/8"	115/16"	6WY5
otall			ated, Face/Base							
	3500	56C	208-230/460	1.2-1.1/0.55	1.15	74.0%	5/8"	17/8"	93/8"	6WY2
1/3 -	1745	56C	208-230/460	1.4-1.2/0.6	1.15	82.5%	5/8"	17/8"	97/8"	6WY2
	3460	56C	208-230/460	1.6-1.5/0.75	1.15	77.0%	5/8"	17/8"	93/8"	6WY3
1/2 -	1745	56C	208-230/460	1.8-1.6/0.8	1.15	82.5%	5/8"	17/8"	97/8"	6WY3
-	1155	56C	208-230/460	1.9-1.8/0.9	1.15	80.0%	5/8"	17/8"	97/8"	6WY3
	3500	56C	208-230/460	2.3-2.2/1.1	1.15	80.0%	5/8"	17/8"	93/8"	6WY3
3/4	1745	56C	208-230/460	2.3-2.2/1.1	1.15	82.5%	5/8"	17/8"	97/8"	6WY3
-	1155	56HC	208-230/460	3.8-3.7/1.85	1.15	80.0%	5/8"	17/8"	117/16"	6WY3
1	1740	56HC	230/460	3.0/1.5	1.15	85.5%	5/8"	17/8"	117/16"	6WY3
-Pha	se. Inverter	Dutv. 10:	1 Variable and 3	3:1 Constant To	raue					
			d, Face-Mount		•					
1 -	1750	143TC	230/460	2.9/1.45	1.15	85.5%	7/8"	21/4"	131/4"	6WY5
1 -	1165	56C	230/460	4.0/2.0	1.15	82.5%	5/8"	17/8"	131/4"	6WY5
1/2 -	1750	145TC	230/460	4.6/2.3	1.15	86.5%	7/8"	21/4"	131/4"	6WY6
72 -	1750	56C	230/460	4.0/2.0	1.15	86.5%	5/8"	17/8"	131/4"	6WY5
2 -	1750	145TC	230/460	6.0/3.0	1.15	86.5%	7/8"	21/4"	131/4"	6WY6
2 -	1750	56C	230/460	6.0/3.0	1.15	86.5%	5/8"	17/8"	131/4"	6WY6
otall			d, Face/Base-N							
	3470	56HC	230/460	2.8/1.4	1.15	77.0%	5/8"	17/8"	115/8"	6WY4
1 -	1750	143TC	230/460	3.0/1.5	1.15	85.5%	7/8"	21/4"	1313/16"	4GPR
	1165	145TC	230/460	4.0/2.0	1.15	82.5%	7/8"	21/4"	129/16"	4GPT
	1165	56HC	230/460	4.0/2.0	1.15	82.5%	5/8"	17/8"	131/4"	6WY3
			000/400			84.0%	5/8"	17/8"	131/4"	6WY4
	3480	56HC	230/460	4.0/2.0	1.15					
1/2	1750	145TC	230/460	4.0/2.0	1.15	86.5%	7/8"	21/4"	129/16"	
1/2	1750 1750	145TC 56HC	230/460 230/460	4.0/2.0 4.0/2.0	1.15 1.15	86.5% 86.5%	7/8" 5/8"	17/8"	131/4"	6WY4
1/2	1750 1750 3480	145TC 56HC 145TC	230/460 230/460 230/460	4.0/2.0 4.0/2.0 4.8/2.4	1.15 1.15 1.15	86.5% 86.5% 85.5%	7/8" 5/8" 7/8"	17/8" 21/4"	13½" 13⅓16"	6WY4 4GPT
-	1750 1750 3480 3480	145TC 56HC 145TC 56HC	230/460 230/460 230/460 230/460	4.0/2.0 4.0/2.0 4.8/2.4 4.8/2.4	1.15 1.15 1.15 1.15	86.5% 86.5% 85.5% 85.5%	7/8" 5/8" 7/8" 5/8"	17/8" 21/4" 17/8"	13½" 13½" 13½"	6WY4 4GPT 6WY4
-	1750 1750 3480 3480 1750	145TC 56HC 145TC 56HC 145TC	230/460 230/460 230/460 230/460 230/460	4.0/2.0 4.0/2.0 4.8/2.4 4.8/2.4 6.0/3.0	1.15 1.15 1.15 1.15 1.15	86.5% 86.5% 85.5% 85.5% 86.5%	7/8" 5/8" 7/8" 5/8" 7/8"	17/8" 21/4" 17/8" 21/4"	13½" 13½16" 13½4" 13½6"	6WY4 4GPT 6WY4 4GPT
2 -	1750 1750 3480 3480 1750 1750	145TC 56HC 145TC 56HC 145TC 56HC	230/460 230/460 230/460 230/460 230/460 230/460	4.0/2.0 4.0/2.0 4.8/2.4 4.8/2.4 6.0/3.0 6.0/3.0	1.15 1.15 1.15 1.15 1.15 1.15	86.5% 86.5% 85.5% 85.5%	7/8" 5/8" 7/8" 5/8"	17/8" 21/4" 17/8"	13½" 13½" 13½"	6WY4 4GPT 6WY4 4GPT
2 - -Pha	1750 1750 3480 3480 1750 1750 ase, Inverter	145TC 56HC 145TC 56HC 145TC 56HC <b>Duty, 10:</b>	230/460 230/460 230/460 230/460 230/460 230/460 <b>1 Variable and</b>	4.0/2.0 4.0/2.0 4.8/2.4 4.8/2.4 6.0/3.0 6.0/3.0 1:1 Constant To	1.15 1.15 1.15 1.15 1.15 1.15	86.5% 86.5% 85.5% 85.5% 86.5%	7/8" 5/8" 7/8" 5/8" 7/8"	17/8" 21/4" 17/8" 21/4"	13½" 13½16" 13½4" 13½6"	6WY4 4GPT 6WY4 4GPT
2 - -Pha	1750 1750 3480 3480 1750 1750 18e, Inverter by Enclosed F	145TC 56HC 145TC 56HC 145TC 56HC <b>Duty, 10:</b> an-Coole	230/460 230/460 230/460 230/460 230/460 230/460 <b>1 Variable and 4</b> d, Face/Base-N	4.0/2.0 4.0/2.0 4.8/2.4 4.8/2.4 6.0/3.0 6.0/3.0 8:1 Constant To	1.15 1.15 1.15 1.15 1.15 1.15 1.15	86.5% 86.5% 85.5% 85.5% 86.5% 86.5%	7/8" 5/8" 7/8" 5/8" 7/8" 5/8"	17/8" 21/4" 17/8" 21/4" 17/8"	13½" 13½6" 13½" 13½" 13½4" 13½4"	6WY4 4GPT 6WY4 4GPT 6WY4
2 - -Pha otall	1750 1750 3480 3480 1750 1750 18e, Inverter by Enclosed F 3510	145TC 56HC 145TC 56HC 145TC 56HC <b>Duty, 10:</b> an-Coole 182TC	230/460 230/460 230/460 230/460 230/460 1 Variable and 4 d, Face/Base-N 230/460	4.0/2.0 4.0/2.0 4.8/2.4 4.8/2.4 6.0/3.0 6.0/3.0 1:1 Constant To lount 8.1/4.05	1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15	86.5% 86.5% 85.5% 85.5% 86.5% 86.5%	7/8" 5/8" 7/8" 5/8" 7/8" 5/8"	17/8" 21/4" 17/8" 21/4" 17/8"	13¼° 13¹¾6° 13¼° 13¹¾6° 13¼° 13¼°	6WY4 4GPT 6WY4 4GPT 6WY4
2 - -Pha otall	1750 1750 3480 3480 1750 1750 18 <b>e, Inverter</b> <b>y Enclosed F</b> 3510 1765	145TC 56HC 145TC 56HC 145TC 56HC <b>Duty, 10:</b> <b>an-Coole</b> 182TC 182TC	230/460 230/460 230/460 230/460 230/460 230/460 1 Variable and 4 d, Face/Base-N 230/460 230/460	4.0/2.0 4.0/2.0 4.8/2.4 4.8/2.4 6.0/3.0 6.0/3.0 1:1 Constant To lount 8.1/4.05 8.0/4.0	1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15	86.5% 86.5% 85.5% 85.5% 86.5% 86.5% 86.5%	7/8" 5/8" 7/8" 5/8" 7/8" 5/8" 11/8"	17/8" 21/4" 17/8" 21/4" 17/8" 23/4" 23/4"	13¼° 13¹¾6° 13¼° 13¹¾6° 13¹¾6° 13¼° 16¹5⁄16°	6WY4 4GPT 6WY4 4GPT 6WY4
2 - -Pha otall	1750 1750 3480 3480 1750 1750 18e, Inverter by Enclosed F 3510	145TC 56HC 145TC 56HC 145TC 56HC <b>Duty, 10:</b> an-Coole 182TC	230/460 230/460 230/460 230/460 230/460 1 Variable and 4 d, Face/Base-N 230/460	4.0/2.0 4.0/2.0 4.8/2.4 4.8/2.4 6.0/3.0 6.0/3.0 1:1 Constant To lount 8.1/4.05	1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15	86.5% 86.5% 85.5% 85.5% 86.5% 86.5%	7/8" 5/8" 7/8" 5/8" 7/8" 5/8"	17/8" 21/4" 17/8" 21/4" 17/8"	13¼° 13¹¾6° 13¼° 13¹¾6° 13¼° 13¼°	6WY4 4GPT 6WY4 4GPT 6WY4
2Pha otall 3 5	1750 1750 3480 3480 1750 1750 18e, Inverter y Enclosed F 3510 1765 3525 1765	145TC 56HC 145TC 56HC 145TC 56HC <b>Duty, 10:</b> <b>an-Coole</b> 182TC 182TC 184TC	230/460 230/460 230/460 230/460 230/460 230/460 1 Variable and 4 d, Face/Base-N 230/460 230/460 230/460 230/460	4.0/2.0 4.0/2.0 4.8/2.4 4.8/2.4 6.0/3.0 6.0/3.0 1:1 Constant To lount 8.1/4.05 8.0/4.0 12.2/6.1 12.5/6.25	1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15	86.5% 86.5% 85.5% 85.5% 86.5% 86.5% 86.5% 89.5% 89.5%	7/8" 5/8" 7/8" 5/8" 5/8" 1/8" 11/8" 11/8" 11/8"	17/8" 21/4" 17/8" 21/4" 17/8"  23/4" 23/4" 23/4" 23/4"	13½" 13½" 13½" 13½" 13½" 13½" 16½6" 16½6" 16½6" 16½6"	6WY4 4GPT 6WY4 4GPT 6WY4 2RKY 2RKY
2Pha otall 3 5	1750 1750 3480 3480 1750 1750 ise, Inverter y Enclosed F 3510 1765 3525	145TC 56HC 145TC 56HC 145TC 56HC <b>Duty, 10:</b> an-Coole 182TC 182TC 184TC 213TC	230/460 230/460 230/460 230/460 230/460 230/460 <b>1 Variable and 4</b> <b>d, Face/Base-W</b> 230/460 230/460	4.0/2.0 4.0/2.0 4.8/2.4 4.8/2.4 6.0/3.0 6.0/3.0 <b>i:1 Constant To</b> <b>lount</b> 8.1/4.05 8.0/4.0 12.2/6.1	1.15 1.15 1.15 1.15 1.15 1.15 1.15 orque	86.5% 86.5% 85.5% 85.5% 86.5% 86.5% 86.5% 89.5% 89.5% 91.7%	7/8" 5/8" 7/8" 5/8" 7/8" 5/8" 5/8" 11/8" 11/8" 11/8" 11/8" 11/8"	17/8" 21/4" 17/8" 21/4" 17/8" 23/4" 23/4" 23/4"	13¼° 13¼° 13¼° 13¼° 13¼° 1615⁄6° 1615⁄6° 1615⁄6° 1615⁄6° 21½°	6WY4 4GPT 6WY4 4GPT 6WY4 2RKY 2RKY 2RKY
2Pha otali 3 - 5 -	1750 1750 3480 3480 1750 1750 18e, Inverter y Enclosed F 3510 1765 3525 1765	145TC 56HC 145TC 56HC 145TC 56HC <b>Duty, 10:</b> <b>an-Coole</b> 182TC 184TC 184TC 213TC 215TC	230/460 230/460 230/460 230/460 230/460 230/460 1 Variable and 4 d, Face/Base-N 230/460 230/460 230/460 230/460	4.0/2.0 4.0/2.0 4.8/2.4 4.8/2.4 6.0/3.0 6.0/3.0 1:1 Constant To lount 8.1/4.05 8.0/4.0 12.2/6.1 12.5/6.25	1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15	86.5% 86.5% 85.5% 85.5% 86.5% 86.5% 86.5% 89.5% 89.5%	7/8" 5/8" 7/8" 5/8" 5/8" 1/8" 11/8" 11/8" 11/8"	17/8" 21/4" 17/8" 21/4" 17/8" 23/4" 23/4" 23/4" 23/4"	13¼° 13¹¾° 13¹¾° 13¹¾° 13¹¾° 13¼° 16¹5⁄6° 16¹5⁄6° 16¹5⁄6° 21½° 22⁵∕6°	6WY4 4GPT 6WY4 4GPT 6WY4 2RKY 2RKY 2RKY 2RKY 2RKY 2RKY
2Pha otall 3 - 5 - 7½ 10 -	1750 1750 3480 3480 1750 1750 ise, Inverter ly Enclosed F 3510 1765 3525 1765	145TC 56HC 145TC 56HC 145TC 56HC <b>Duty, 10:</b> an-Coole 182TC 182TC 184TC 213TC 215TC 215TC	230/460 230/460 230/460 230/460 230/460 230/460 230/460 230/460 230/460 230/460 230/460 230/460	4.0/2.0 4.0/2.0 4.8/2.4 4.8/2.4 6.0/3.0 6.0/3.0 1:1 Constant To lount 8.1/4.05 8.0/4.0 12.2/6.1 12.5/6.25 18.6/9.3	1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15	86.5% 86.5% 85.5% 85.5% 86.5% 86.5% 86.5% 89.5% 89.5% 91.7%	7/8" 5/8" 7/6" 5/6" 7/6" 5/8" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/8" 11/8" 11/8"	17/8" 21/4" 17/8" 21/4" 17/8" 23/4" 23/4" 23/4" 23/4" 23/4" 23/4"	13¼" 13¹¾6" 13¼" 13¹¾6" 13¼" 16¹¼6" 16¹¼6" 16¹¼6" 21½° 22¼6" 22¾6"	6WY4 4GPT 6WY4 4GPT 6WY4 2RKY 2RKY 2RKY 2RKY 2RKY 2RKY
-Pha otall	1750 1750 3480 3480 1750 1750 ise, Inverter ly Enclosed F 3510 1765 3525 1765 1755 3525	145TC 56HC 145TC 56HC 145TC 56HC <b>Duty, 10:</b> <b>an-Coole</b> 182TC 184TC 184TC 213TC 215TC	230/460 230/460 230/460 230/460 230/460 230/460 1 Variable and 4 d, Face/Base-W 230/460 230/460 230/460 230/460 230/460 230/460	4.0/2.0 4.0/2.0 4.8/2.4 4.8/2.4 6.0/3.0 6.0/3.0 8.1 Constant To lount 8.1/4.05 8.0/4.0 12.2/6.1 12.5/6.25 18.6/9.3 24.4/12.2	1.15 1.15 1.15 1.15 1.15 1.15 1.15 1.15	86.5% 86.5% 85.5% 86.5% 86.5% 86.5% 86.5% 89.5% 89.5% 89.5% 90.2%	7/6" 5/6" 7/6" 5/6" 7/6" 5/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6" 11/6"	17/6" 21/4" 17/6" 21/4" 17/6" 23/4" 23/4" 23/4" 23/4" 33/6" 33/6"	13¼° 13¹¾° 13¹¾° 13¹¾° 13¹¾° 13¼° 16¹5⁄6° 16¹5⁄6° 16¹5⁄6° 21½° 22⁵∕6°	4GPT: 6WY4 4GPT: 6WY4 4GPT: 6WY4 2RKY: 2RKY: 2RKY: 2RKY: 2RKZ: 2RKZ: 2RKZ:







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

- Enclosure: totally enclosed fan-cooled
- Rotation: CW/CCW
- Thermal protection: auto
- Insulation: Class B
- Mounting: face
- Bearings: doublesealed 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.

НР	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
11/2	1750	56C	230/460	4.8/2.4	1.15	72.5%	53DE50
2	1745	560	230/460	5 8/2 9	1.00	72.5%	53DF49

