



White Duck Washguard® 3-phase Motors

Motor Shipping Schedule *

Same or one day * Up to 7 days Up to 10 days

Color indicates shipping lead time in business days. Check stock status online.

* Certain heavy and oversized items can be shipped only via LTL.

Check our website for current shipping method constraints by part number.

Motor Specifications – 3-Phase

Part Number*	Price	HP	Base RPM	Volts	Service Factor	Encl.	NEMA Design	NEMA Frame	Weight (lb)	Drawing Links						
Rigid Base																
112427.00		1/2	1800	208-230/460 VAC	1.15	TEFC	B	56	27	PDF						
112428.00		3/4							30	PDF						
119475.00		1							57	PDF						
121866.00		2						145T	48	PDF						
132196.00		3						182T	78	PDF						
132197.00		5						184T	90	PDF						
140819.00		7 1/2	230/460 VAC		1.25			213T	161	PDF						
140820.00		10						215T	181	PDF						
C-Face with Base																
113586.00		1/2	1800	230/460 VAC	1.15	TENV	B	56C	25	PDF						
112429.00				208-230/460 VAC		TEFC			25	PDF						
112430.00									29	PDF						
119478.00		1200				56HC		43	PDF							
119476.00								1800	38	PDF						
113590.00		3600	230/460 VAC	TENV		56C		37	PDF							
119480.00		1800	208-230/460 VAC	TEFC				66	PDF							
113591.00		3600	230/460 VAC	TENV				56HC	47	PDF						
119483.00		2	1800	208-230/460 VAC		1.15		TEFC	A	56C	38	PDF				
121868.00				230/460 VAC						145TC	48	PDF				
119482.00			208-230/460 VAC	56HC						44	PDF					
122185.00		145TC		34						PDF						
132198.00		3	230/460 VAC	TEFC						B	182TC	79	PDF			
121870.00											3600	145C	48	PDF		
132201.00		1800									184TC	91	PDF			
132200.00		3600										90	PDF			
140822.00		7 1/2	1800								1.25			213TC	157	PDF
140821.00		10												215TC	179	PDF
C-Face without Base																
113649.00		1/4	1800		208-230/460 VAC	1.15	TENV	B	56C		22	PDF				
113473.00		1/2		TEFC			25			PDF						
116644.00							23			PDF						
113019.00		3/4		TENV			31			PDF						
116645.00				TEFC			28			PDF						
119468.00		1		35			PDF									
113023.00		3600	230/460 VAC	TENV	TEFC				38	PDF						
119469.00		1 1/2	208-230/460 VAC	40					PDF							
122182.00		2		145TC					60	PDF						
119471.00				56C					50	PDF						
122184.00		3		145TC					57	PDF						
132440.00		5		184TC					67	PDF						
141266.00		7 1/2		230/460 VAC					213TC	135	PDF					



112427.00
113586.00
113649.00

Features

Enhanced performance in wet, humid areas!

- The original moisture-shedding "duck" motor
- Durable USDA-approved white epoxy finish
- Stainless steel shaft, conduit box cover, nameplate, fan guard
- 208-230/460 Voltage up to 10HP
- 1800 or 3600 RPM models available
- Mounting options include Rigid Base, C-Face with Base, and C-Face without base.
- Drains for all mounting orientations
- CE mark

All Washguard series features:

- Interior Corrosion Protection
- Shaft seals on both ends of TEFC motors
- Sealed Bearings
- Internally locked shaft-end bearing
- Meets IP55 enclosure protection
- UL Recognized, CSA

Applications

Designed to provide greater chemical resistance in harsh chemical processing environments; and handles demanding washdown conditions in the food processing, pharmaceutical, and beverage/brewing industries.



White Duck Washguard® 3-phase Motors

Performance Data - 3-Phase													
Part Number	HP	F.L. RPM	Current @ 230V/460V (Amps)			Torque (lb-ft)			Torque Speed Rating		F.L. Effic. %	F.L. Power Factor	Resistance Main
			No Load 460V	Full Load 230/460V	Locked Rotor	Full Load	Locked Rotor	Break-down	Constant	Variable			
Rigid Base													
<u>112427.00</u>	1/2	1725	0.8	1.9-2.0/1.0	5.1	1.50	3.75	5.41	10:1	10:1	74	63	31.5
<u>112428.00</u>	3/4	1725	1.1	2.8/1.4	8.1	2.25	6.63	8.38	10:1	10:1	77	65	26.24
<u>119475.00</u>	1	1760	1.0	3.2-3.2/1.6	14	3.00	12.00	15.80	10:1	10:1	85.5	68.5	12.96
<u>121866.00</u>	2	1745	1.7	5.8/2.9	26.58	6.00	24.60	28.80	10:1	10:1	86.5	75.6	6
<u>132196.00</u>	3	1760	1.9	7.8/3.9	33.5	8.90	22.50	36.00	10:1	10:1	89.5	80.5	6.08
<u>132197.00</u>	5	1760	2.54	12.6/6.3	49	14.96	30.10	50.20	10:1	10:1	89.5	83	2.68
<u>140819.00</u>	7 1/2	1765	6	22.4-21.6/10.8	73	22.20	50.00	64.20	10:1	10:1	91.7	72	.88
<u>140820.00</u>	10	1765	6.2	26.8/13.4	79	29.75	55.20	90.00	10:1	10:1	91.7	77	.755
C-Face with Base													
<u>113586.00</u>	1/2	1725	0.65	2.0-1.8/0.90	12.2	1.50	4.51	6.11	1000:1	10:1	78.5	67	9.66
<u>112429.00</u>		1725	0.8	1.9-2.0/1.0	5.1	1.50	3.75	5.41	10:1	10:1	74	63	31.5
<u>112430.00</u>	3/4	1725	1.1	2.7-2.8/1.4	8.1	2.25	6.63	8.38	10:1	10:1	77	65	26.24
<u>119478.00</u>	1	1170	1.2	3.8-3.8/1.9	10.7	4.50	13.50	15.80	10:1	10:1	82.5	60	1.63
<u>119476.00</u>		1760	1.0	3.2-3.2/1.6	14	3.00	12.00	15.80	10:1	10:1	85.5	68.5	12.96
<u>113590.00</u>		3450	0.57	2.8-2.6/1.3	12	1.50	4.50	6.00	1000:1	10:1	77	84.8	0
<u>119480.00</u>	1 1/2	1750	1.23	4.6-4.8/2.4	18.5	4.50	17.20	20.40	10:1	10:1	86.5	67.7	9.12
<u>113591.00</u>		3450	0.77	3.8/1.9	17	2.25	8.20	9.50	1000:1	10:1	84	88	8.92
<u>119483.00</u>	2	1745	1.7	6.0-5.8/2.9	26.58	6.00	24.60	28.80	10:1	10:1	86.5	75.6	6
<u>121868.00</u>		1745	1.7	5.8/2.9	26.58	6.00	24.60	28.80	10:1	10:1	86.5	75.6	6
<u>119482.00</u>		3490	0.95	5.2-4.8/2.4	26.00	3.00	10.80	13.00	10:1	10:1	85.5	88	6.4
<u>122185.00</u>		3490	0.95	5.2-4.8/2.4	26.00	3.00	10.80	13.00	10:1	10:1	85.5	88	6.4
<u>132198.00</u>	3	1760	1.9	7.8/3.9	33.5	8.90	22.50	36.00	10:1	10:1	89.5	80.5	6.08
<u>121870.00</u>		3490	1.9	8.0/4.0	41	4.50	17.97	20.83	10:1	10:1	86.5	86	3.83
<u>132201.00</u>	5	1760	2.54	12.6/6.3	49	14.96	30.10	50.20	10:1	10:1	89.5	83.1	2.68
<u>132200.00</u>		3515	1.7	12.0/6.0	47	7.50	16.00	26.00	10:1	10:1	88.5	89	2.32
<u>140822.00</u>	7 1/2	1765	6	22.4-21.6/10.8	73	22.20	50.00	64.20	10:1	10:1	91.7	72	.88
<u>140821.00</u>	10	1765	6.2	26.8/13.4	79	29.75	55.20	90.00	10:1	10:1	91.7	77	.755
C-Face without Base													
<u>113649.00</u>	1/4	1725	0.42	1.1/0.55	6.2	0.75	1.99	3.24	1000:1	10:1	68	57	20.15
<u>113473.00</u>	1/2	1725	0.65	2.0-1.8/0.90	12.2	1.50	4.51	6.11	1000:1	10:1	78.5	67	9.66
<u>116644.00</u>		1725	0.8	2.0/1.0	5.1	1.50	3.75	5.41	10:1	10:1	74	63	31.5
<u>113019.00</u>	3/4	1725	0.81	2.7-2.5/1.3	8.42	1.69	5.00	6.63	1000:1	10:1	80	70	23.28
<u>116645.00</u>		1725	1.1	2.7-2.8/1.4	8.1	2.25	6.63	8.38	10:1	10:1	77	65	26.24
<u>119468.00</u>	1	1760	1.0	3.2-3.2/1.6	14	3.00	12.00	15.80	10:1	10:1	85.5	68.5	12.96
<u>113023.00</u>		3450	0.57	2.6/1.3	12	1.50	4.50	6.00	1000:1	10:1	77	85	0
<u>119469.00</u>	1 1/2	1750	1.23	4.6-4.8/2.4	18.5	4.50	17.20	20.40	10:1	10:1	86.5	67.7	9.12
<u>122182.00</u>	2	1745	1.7	6.0-5.8/2.9	26.58	6.00	24.60	28.80	10:1	10:1	86.5	75.6	6
<u>119471.00</u>		1745	1.7	6.0-5.8/2.9	26.58	6.00	24.60	28.80	10:1	10:1	86.5	75.6	6
<u>122184.00</u>	3	3490	1.9	8.8-8.0/4.0	41	4.50	17.97	20.83	10:1	10:1	86.5	86	3.83
<u>132440.00</u>	5	1760	2.54	12.6/6.3	49	14.96	30.10	50.20	10:1	10:1	89.5	83	2.68
<u>141266.00</u>	7 1/2	1765	5.5	19.6/9.8	67.5	22.20	52.90	75.00	10:1	10:1	91.7	78.3	1.18

* Rotor Inertia Data (lb-ft²) not available from manufacturer

Leeson® Washguard® Motors

Chemical Resistance Comparison

When choosing a Leeson Washguard(Trademark) SST Stainless Steel or White Duck White Epoxy motor, utilize the following chemical comparison chart to determine which may best fit your application.

CHEMICAL RESISTANCE COMPARISON			
CHEMICAL NAME	% CONCENTRATION	WHITE EPOXY	STAINLESS STEEL
<i>Continuous Exposure</i>			
Fresh Water	100	Excellent	Excellent
Salt Water	5	Excellent	Excellent
Salt Brine	Dilute	Fair	Good
Ammonium Hydroxide	Dilute	Good	Excellent
Citric Acid	10	Good	Excellent
Ethylene Glycol	100	Excellent	Excellent
Mineral Spirits	100	Excellent	Excellent
Sodium Hydroxide	5	Fair	Excellent
Sodium Hydroxide	20	Fair	Excellent
Sodium Hydroxide	50	Excellent	Excellent
Toluene	100	Fair	Fair
Animal Fats	NA	Excellent	Excellent
Mineral Oils	NA	Excellent	Excellent
Vegetable Oils	NA	Excellent	Excellent
Cutting Oils	NA	Excellent	Excellent
Detergents	NA	Excellent	Excellent
Gasoline	NA	Fair	Fair
Hydraulic Fluid	NA	Excellent	Excellent
Lubricating Oils	NA	Excellent	Excellent
General Weathering	NA	Fair	Excellent
Mold/Mildew	NA	Excellent	Excellent
Light Abrasion	NA	Excellent	Excellent
Heavy Abrasion	NA	Fair	Excellent
<i>Intermittent Exposure</i>			
Calcium Hydroxide (Lime)	100	Good	Excellent
Hydrochloric Acid	37	Good	Poor
Lactic Acid	Dilute	Excellent	Excellent
Lactic Acid	100	Fair	Fair
Potassium Hydroxide	50	Fair	Fair
Sodium Hypochlorite (Bleach)	15	Excellent	Excellent
Sulfuric Acid	10	Fair	Fair



Or...



Regal AC Motor Selection - Washdown & General Purpose 3-Phase Motors

Regal 3-phase General Purpose & Washdown Motor Selection						
Manuf / Application	Leeson® Washdown		Marathon® General Purpose			
Series	SST Duck	White Duck	Jet Pump	NEMA Premium® XRI®	4-in-1 XRI	Globetrotter
Electrical Characteristics						
HP range	1/3 - 2	1/4 - 10	1/3 - 2	1 - 10	1/3 - 3/4	3-200
Base speed (# poles)	1800 (4) and 3600 (2)		3600 (2)	1200(6), 1800(4), 3600(2)	1800 (4) and 3600 (2)	1800 (4)
Standard voltage	208-230/460	208-230/460 & 230/460V	208-230/460 (J063A/65A is 230/460 only)	208-230/460	208-230 / 460 and 575	208-230/460 & 230/460V ***
Ph/Base frequency (Hz)	3 / 60					
Service factor	1.15	1.15 & 1.25 ***	1.75-1.15 Line 1.0 Drive	1.15 (line) ; 1.0 (drive)	1.15	1.15
Design code (NEMA)	A & B	B	B	A (E2001A) B (all others)	B	A or B***
Insulation class	F	F	B	F	F3	F
Insulation system	IRIS	IRIS	Max Guard	CR200 magnet wire		
Duty cycle	Continuous					
Thermal protection	None	Some Models	None			
Mechanical Characteristics						
Frame size (mounting)	56C(HC)-143TC- 145TC	56(C,HC), 145T(TC), 182T(TC), 184T(TC), 213T(TC); 215T(TC)	56J(HJ)	56C - 215TC	56C	182T - 447T
Enclosure	TENV and TEFC		TEFC and DP	TEFC	TENV and TEFC	Drip Proof and TEFC
Frame material	Stainless Steel	Rolled Steel			Rolled Steel	Rolled Steel or Cast-iron***
End bracket material	Stainless Steel	Steel	Cast Aluminum, Steel	Aluminum	Cast Aluminum	Steel
Conduit box material	Stainless Steel	Steel			Steel	Steel
Fan guard material	Stainless Steel	Propolyene	Steel	Plastic	Polypropylene	Rolled Steel or Cast-iron***
Fan material	Polypropylene	Composite	Plastic	Polypropylene	Polypropylene	Polypropylene
Lead termination	Conduit Box				Conduit box except Terminal block (<1/2 hp)	Conduit box
Standard mounting	C-Face with and w/o Base ***		C-Face with Rigid Base		C-Face with Removable Base	
Drive end shaft slinger	-	-	No	Yes	No	-
Paint	N/A	White Epoxy	N/A	Blue enamel	Gray powder	Black powder- coat; Black enamel
Bearings	Ball			Ball (C3 fit)	Ball	Ball
Grease	Exxon Polyrex EM					
Standard conduit box assy. position	F1 only & F1/F2 capable***		F1	F3	F1 & NPO	F1, F2 reversible***
Performance Characteristics						
Constant torque speed range	10:1 TEFC 1000:1 TENV		10:1	10:1	10:1 (TEFC) 1000:1 (TENV)	10:1
Variable torque speed range	10:1		10:1	10:1	—	10:1
Constant HP speed range	2.1	2.1	2:1	2:1	2:1	2:1
Temperature rise	F	F	B	F	F	F
Encoder provisions	No	No	No	No	No	No
Other Characteristics						
Warranty *	12 months from installation, 18 months from purchase. (through Rexnord Regal)			3 years	3 years	3 years
Agency listings **	UL Recognized. CSA Certified. CE Mark++					

* See Terms and Conditions for motor warranty explanation. Marathon warranty service can be arranged through Rexnord Regal service centers. See list of service centers on our website at www.automationdirect.com.

** To obtain the most current agency approval information, see the Agency Approval Checklist on the specific part number's web page.

***Varies by Model