



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.



112427.00
113586.00
113649.00

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
140819.00		7 1/2							213T	161	PDF
140820.00		10							215T	181	PDF
				230/460 VAC	1.25						
C-Face with Base											
113586.00		1/2	1800	230/460 VAC	1.15	TENV	B	56C	25	PDF	
112429.00				3/4		208-230/460 VAC			TEFC	25	PDF
112430.00		1	1800	208-230/460 VAC	1.15	TEFC	B	56HC	29	PDF	
119478.00									1200	43	PDF
119476.00		1 1/2	1800	208-230/460 VAC	1.15	TEFC	B	56C	38	PDF	
113590.00									3600	37	PDF
119480.00		1 1/2	1800	208-230/460 VAC	1.15	TEFC	B	56C	66	PDF	
113591.00									3600	47	PDF
119483.00		2	1800	208-230/460 VAC	1.25	TEFC	A	56C	38	PDF	
121868.00				230/460 VAC					145TC	48	PDF
119482.00		3	3600	208-230/460 VAC	1.25	TEFC	B	56HC	44	PDF	
122185.00									3600	145TC	34
121870.00		5	3600	230/460 VAC	1.25	TEFC	B	145C	48	PDF	
132200.00									7 1/2	184TC	90
140822.00		10	1800	230/460 VAC	1.25	TEFC	B	213TC	157	PDF	
140821.00									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		3/4				TENV			23	PDF	
113019.00						TEFC			31	PDF	
116645.00		1				TEFC			28	PDF	
119468.00						3600			TENV	35	PDF
113023.00		1 1/2	1800	208-230/460 VAC	1.15	TEFC	B	56C	38	PDF	
119469.00									2	40	PDF
122182.00		3	1800	230/460 VAC	1.25	TEFC	B	145TC	60	PDF	
119471.00									5	56C	50
122184.00		7 1/2	1800	230/460 VAC	1.25	TEFC	B	145TC	57	PDF	
132440.00									5	184TC	67
141266.00		10	213TC	135	PDF						

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													
112427.00	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
112428.00	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
119475.00	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
121866.00	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
140819.00	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
140820.00	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													
113586.00	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
112429.00		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
112430.00	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
119478.00	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
119476.00		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
113590.00		3450	0.57	2.8-2.6/1.3	12	1.50	4.50	6.00	1000:1	10:1	77	84.8	0
119480.00	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
113591.00		3450	0.77	3.8/1.9	17	2.25	8.20	9.50	1000:1	10:1	84	88	8.92
119483.00	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
121868.00		1745	1.7	5.8/2.9	26.58	6.00	24.60	28.80	10:1	10:1	86.5	75.6	6
119482.00		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
122185.00		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
121870.00	3	3490	1.9	8.0/4.0	41	4.50	17.97	20.83	10:1	10:1	86.5	86	3.83
132200.00	5	3515	1.7	12.0/6.0	47	7.50	16.00	26.00	10:1	10:1	88.5	89	2.32
140822.00	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
140821.00	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													
113649.00	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
113473.00	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
116644.00		1725	0.8	2.0/1.0	5.1	1.50	3.75	5.41	10:1	10:1	74	63	31.5
113019.00	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
116645.00		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
119468.00	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
113023.00		3450	0.57	2.6/1.3	12	1.50	4.50	6.00	1000:1	10:1	77	85	0
119469.00	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
122182.00	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
119471.00		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
122184.00	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
132440.00	5	1760	2.54	12.6/6.3	49	14.96	30.10	50.20	10:1	10:1	89.5	83	2.68
141266.00	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...

