

Washdown Motor Selection Guide



Feature	White Duck	Washguard® II Stainless Duck	SST Duck	Premium Stainless Duck	Extreme Duck
Sealed Bearings	■	■	■	■	■
Potted Lead Entrance					■
Complete Motor Encapsulation					■
Nameplate Etched in Frame	■	■	■	■	■
Interior Corrosion Protected	■	■	■	■	
Motor Breathe Plugs/Drain Plugs	■	■	■	■	Not Needed for total encapsulation
Internally Locked Shaft-End Bearing	■	■	■	■	■
Shaft Seals on Both Ends of TEFC Motors	■	■	■	■	■
Viton® Seals Between Endbells and Frame				■	■
UL, CSA Listed	■	■	■	■	■
60Hz and 50Hz Data on Nameplate	■	■	■	■	■
CE Mark on Nameplate	■	■	■	■	■
O-Ring Sealed Openings				■	■
Standard Motors Include Inverter-Rated Insulation System and Marked on Nameplate—1HP and Higher	■	■	■	■	■
Local Inventory Support	■	■	■	■	
Rotor Cartridge Change-Out				■ ①	■
BISSC Approved		■			■
3-Year Warranty	■ ②	■ ②	■ ②	■ ②	■
Screw On Conduit Box Cover				■ ①	■
Pump Motor Designs	■			■	
Breakmotor Designs	■			■	
DC Motors Available	■			■	
Metric Designs Available				■	

① 56/143/145T Frame Ratings ② Premium Efficient Motors

Chemical Resistance Comparison

Chemical Name	% Concentration	Exposure	White Epoxy	Stainless Steel
Fresh Water	100	Continuous	Excellent	Excellent
Salt Water	5	Continuous	Excellent	Excellent
Salt Brine	Dilute	Continuous	Fair	Good
Ammonium Hydroxide	Dilute	Continuous	Good	Excellent
Calcium Hydroxide (Lime)	100	Intermittent	Good	Excellent
Citric Acid	10	Continuous	Good	Excellent
Ethylene Glycol	100	Continuous	Excellent	Excellent
Hydrochloric Acid	37	Intermittent	Good	Poor
Lactic Acid	Dilute	Intermittent	Excellent	Excellent
Lactic Acid	100	Intermittent	Fair	Fair
Mineral Spirits	100	Continuous	Excellent	Excellent
Potassium Hydroxide	50	Intermittent	Fair	Fair
Sodium Hydroxide	5	Continuous	Fair	Excellent
Sodium Hydroxide	20	Continuous	Fair	Excellent
Sodium Hydroxide	50	Continuous	Excellent	Excellent
Sodium Hypochlorite (Bleach)	15	Intermittent	Excellent	Excellent
Sulfuric Acid	10	Intermittent	Fair	Fair
Toluene	100	Continuous	Fair	Fair
Animal Fats	NA	Continuous	Excellent	Excellent
Mineral Oils	NA	Continuous	Excellent	Excellent
Vegetable Oils	NA	Continuous	Excellent	Excellent
Cutting Oils	NA	Continuous	Excellent	Excellent
Detergents	NA	Continuous	Excellent	Excellent
Gasoline	NA	Continuous	Fair	Fair
Hydraulic Fluid	NA	Continuous	Excellent	Excellent
Lubricating Oils	NA	Continuous	Excellent	Excellent
General Weathering	NA	Continuous	Fair	Excellent
Mold/Mildew	NA	Continuous	Excellent	Excellent
Light Abrasion	NA	Continuous	Excellent	Excellent
Heavy Abrasion	NA	Continuous	Fair	Excellent