

**BLOWER FAN KITS**



These kits are used for converting 150, 160 and 170 Series Cast Iron TEFC motors to Totally Enclosed Blower Cooled motors. Cooling per MG1.6 (IC46) The kits are designed for inverter and vector drive applications where continuous cooling is required regardless of motor shaft speed. The kit is mounted on the back of the motor after removing the fan guard and fan. Modifying the shaft is not required. Contact factory for installation and specify blue or green paint colour. Other voltages are also available.

For use with 150, 160 & 170 Series Cast Iron TEFC Motors only.

Blower Motor Voltage	Blower Motor Phase	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	CFM	App. Wgt. (lbs.)
115	1	182-4T	<b>175674</b>	\$670	A	260	23
115	1	213-5T	<b>175675</b>	720	A	260	26
115	1	254-6T	<b>175676</b>	780	A	260	28
115	1	284-6T	<b>175677</b>	940	A	500	39
115	1	324-6T	<b>175678</b>	1070	A	500	42
115	1	364-5T	<b>175879</b>	1912	A	500	75
115	1	404-5T	<b>175880</b>	1989	A	500	85
115	1	444-5T	<b>175558</b>	2225	A	500	95

Accessories

For use with Steel Frame TEFC Motors only.

Blower Motor Voltage	Blower Motor Phase	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	CFM	App. Wgt. (lbs.)
115	1	56/140T	<b>AF56/145</b>	\$604	A	250	19
115	1	182-4T	<b>AF180</b>	670	A	260	23



**ENCODER KITS**

These kits include the parts and encoder for field assembly of slim-line, through-shaft encoder designed to slip over the motor's fan end shaft. Blower kit sold separately.

Output is 1024 pulses per revolution, quadrature, 5 to 28 VDC line driver output. Short-

circuit protection is standard. Inputs are over voltage and reverse voltage protected. Electrical noise immunity exceeds international standards. Encoders are isolated from shaft currents using hard anodized sleeves and non metallic anti-rotation hardware. Designed for long-life in industrial environments using an all-metal, shock resistant code disk. The encoder is protected by the motor's fan cover after mounting. Using a blower fan kit is suggested for proper motor cooling.

**FOR CAST IRON 150, 160 & 170 SERIES TEFC MOTORS**

For NEMA Frame	Encoder Kit Catalogue Number	List Price	Disc. Sym.
182-4T	<b>175684</b>	\$1487	A
213-5T	<b>175685</b>	1487	A
254-6T	<b>175686</b>	2039	A
284-6T	<b>175687</b>	2039	A

**FOR ROLLED STEEL MOTORS**

For NEMA Frame	Encoder Kit Catalogue Number	List Price	Disc. Sym.
56/145T	<b>175960</b>	\$750	A
182-4T	<b>175897</b>	1064	A
213-5T	<b>175898</b>	1080	A

**Catalogue numbers in blue are NEW items.**



**WASHGUARD™ MOTORS**  
WASHDOWN SERVICE

## WASHGUARD™ MOTORS NOW AVAILABLE IN THREE STYLES



**WASHGUARD™ SST™  
ALL-STAINLESS**



**SST™ DUCK**

### *Stainless Steel Tough for demanding washdown applications*

- All exterior components of 300 series stainless steel, including motor frame, endshield and conduit box castings
- Moisture resistant sealant between frame and endbells
- Full-fact nameplate is laser-etched on the motor frame
- Built to withstand the demanding washdown environments found in the food processing, chemical processing and beverage industries
- No paint or coatings of any type are used on the exterior of the motor
- Four locations for T-drains provided on each endshield
- IRIS™ insulation system
- Meets IP 55 Enclosure Protection
- Three Phase motors are suitable for use on VFDs, 10:1 ratio for constant or variable torque at 1.0 SF

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**WASHGUARD™  
ALL-STAINLESS**



**STAINLESS  
STEEL DUCK**

### *Maximum service in critically clean or corrosive environments*

- All exterior components of stainless steel
- Endshields o-ring sealed to frame
- IEEE 841 severe-duty features standard
- Meets demanding pharmaceutical requirements, also excellent for chemical-processing applications
- Incorporates all WASHGUARD™ mechanical and electrical features, plus IRIS™ insulation system
- IRIS™ insulation system
- BISSC certified for baking industry
- Meets IP 55 Enclosure Protection
- Three Phase motors are suitable for use on VFDs, 10:1 ratio for constant or variable torque at 1.0 SF

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**WASHGUARD™  
WHITE EPOXY**



**White  
Duck**

### *Enhanced performance in wet, humid areas*

- Our original moisture-shedding “duck” motor
- Durable RUST-OLEUM® white epoxy coating
- Stainless steel shaft, conduit box cover, nameplate, fan guard
- Special gaskets, slingers and seals
- Four endshield drains
- Moisture-resistant interior components
- IRIS™ insulation system
- Single-phase, three-phase and DC SCR models
- Three Phase motors are suitable for use on VFDs, 10:1 ratio for constant or variable torque at 1.0 SF



**PROTECTED  
WITH  
RUST-OLEUM®  
COATINGS**

*Page 25*

# WASHGUARD™ MOTORS ARE BUILT TO HANDLE HIGH-PRESSURE WASHDOWNS!\*

**Stainless-steel fan guard** (48-145T frames) or heavy-duty epoxy-coated fan guard (182T-215T frames).

**Composite fan** is chemically-inert and static-free. Fan is positively positioned on shaft. On TEFC designs only.

**USDA-approved, white epoxy finish** for superior protection and resistance to caustic cleaning solutions.

**Encapsulated starting switch** (single-phase WASHGUARD™ motors) uses a patented, field-proven design that is immune to moisture, shock and vibration. No moving parts or exposed contacts to become corroded or inoperable.

**Stainless-steel, "full-fact" nameplate** includes information on motor efficiency and connections. Readable even after repeated washdowns.

**Moisture-resistant shaft system** includes 303 stainless-steel shaft and lubricated, spring-loaded contact seals in each endshield. Patented V-ring Forsheda seal on shaft end to deflect water (see inset). Double-sealed, oversized bearings lubricated with Exxon POLYREX® EM high temperature, moisture-resistant lubricant. Bearing cavities packed further retard entrance of moisture.



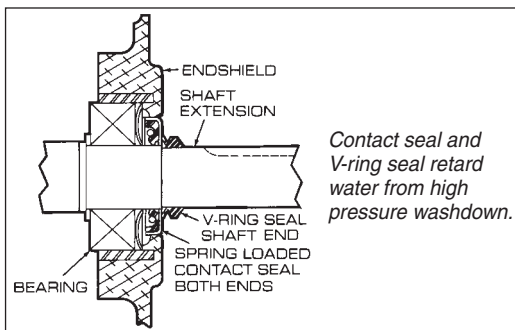
WASHGUARD™ White Epoxy Model Shown

**Cast, oversized conduit box** with tough, high-temperature nitrile gaskets and stainless-steel cover and hardware. Oversized design with threaded entrance. All machined fits are sealed and nylon gaskets are used under bolt heads.

**Interior coatings** protect against moisture and corrosion. Frame, base, endshields, rotor, and interior components are protected by enamel and polyester compounds of outstanding adhesion and resistance to moisture, acids, alkalis, and oils. Efficiencies meet EPACT mandates for covered motors when tested without shaft seals. High temperature, moisture resistant IRIS insulation system assures long life on inverter service. Windings are immersed and cured in polyester insulating compound.



**Four condensate drains** in each endshield (at three, six, nine, and twelve o'clock) purge condensate and water which may enter the motor.



\* **ALSO EXCELLENT FOR APPLICATIONS REQUIRING A MOTOR THAT IS "TROPICALIZED!"**





**THREE PHASE • TENV and TEFC C FACE WITH BASE**

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	FL Amps 230V	% FL Eff.	"C" Dim. (in.)
1/4	1725	56C	112523	\$467	A	21	208-230/460	1.1	67.0	10.69
1/3	1725	56C	112547	481	A	23	208-230/460	1.7	68.0	10.69
1/2	3450	56C	113588●	514	A	26	208-230/460	1.5	76.0	10.56
	1725	56C	113586●	514	A	27	208-230/460	1.8	78.5	10.06
	1725	56C	112429†	514	A	29	208-230/460	2.0	74.0	11.19
3/4	3450	56C	113589●	595	A	24	208-230/460	2.4	75.5	10.06
	1725	56C	113587●	595	A	30	208-230/460	2.5	80.0	10.56
	1725	56C	112430	595	A	28	208-230/460	2.8	77.0	11.19
1	3450	56C	113590●	619	A	37	208-230/460	2.6	78.0	11.56
	1725	56C	112524	619	A	31	208-230/460	3.6	77.0	11.69
	1740	143TC	G120587	730	A	32	208-230/460	3.1	82.5	13.25
1½	3450	56C	113591●	646	A	44	208-230/460	3.8	80.0	12.56
	1725	56C	112643	646	A	36	208-230/460	5.0	78.5	12.19
	1740	145TC	G121540	767	A	32	208-230/460	4.4	84.0	13.25
2	3450	56HC	113592●♣	678	A	48	208-230/460	5.0	78.0	13.06
	1725	56C	112644	678	A	38	208-230/460	6.2	81.5	12.69
	1740	145TC	G120588	793	A	39	208-230/460	6.0	84.0	14.25
3	3450	145TC	G120911	828	A	45	208-230/460	8.0	85.5	13.25
	1740	182TC	G130664	1237	A	66	208-230/460	8.2	87.5	13.96
5	1740	184TC	G131171	1257	A	76	208-230/460	13.0	87.5	14.96

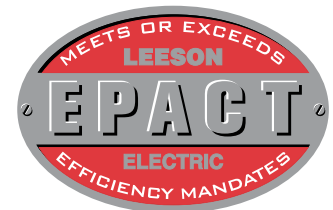


**WATTS AVER® • WASHGUARD™ • 575 VOLTS • THREE PHASE • TEFC • C FACE WITH BASE**

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	FL Amps 575V	% FL Eff.	"C" Dim. (in.)
1	1740	143TC	121073	\$730	A	30	575	1.3	84.0	12.25
1½	1740	143TC	121074	767	A	32	575	1.7	84.0	12.25
2	1740	145TC	121075	793	A	42	575	2.4	84.0	13.75
3	1740	184TC	131260	1237	A	65	575	3.3	87.6	14.38
5	1740	184TC	G131261	1257	A	84	575	5.4	88.0	16.38

**THREE PHASE • 575 VOLTS • TEFC C FACE WITH BASE**

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	FL Amps 575V	% FL Eff.	"C" Dim. (in.)
1/4	1725	56C	112520	\$467	A	23	575	0.44	68.0	10.69
1/3	1725	56C	112521	481	A	22	575	0.68	68.0	10.69
1/2	1725	56C	112483	514	A	28	575	0.8	75.0	11.19
3/4	1725	56C	112484	595	A	24	575	1.12	77.0	11.19
1	1725	56C	112522	619	A	30	575	1.5	77.0	11.69



**PROTECTED WITH RUST-OLEUM® COATINGS**

● These motors are totally enclosed, non ventilated – Others are fan cooled.

Ⓜ Premium efficiency WATTS AVER® Motors.

**All three phase motors, 1HP and above, are inverter rated, refer to page 182 for speed ranges.**

**SEE PAGE 25 FOR DESIGN FEATURES.**

**ADDITIONAL WASHDOWN MOTORS ON NEXT PAGE.**



## WASHGUARD™ MOTORS SST™ ALL-STAINLESS

THREE PHASE • 208-230/460 & 575 VOLTS

**LEESON's FHP WASHGUARD™ SST™ Stainless Steel** motors are designed for long life in severe duty or washdown applications. Washguard™ SST™ motors are **Stainless Steel Tough** to withstand the demanding environments found in the food processing, chemical processing and beverage industries.

- 1/3 thru 3 HP
- 1750 & 3450 RPM ratings available in TEFC and TENV enclosures
- 56C, 143TC & 145TC frame sizes available
- Rigid/C-Face and C-Face less base mountings available
- LEESON's IRIS (Inverter Rated Insulation System) included on all ratings
- Fully-gasketed conduit box and rubber-covered oil seals to exclude water
- All-stainless steel construction prevents corrosion in harsh washdown environments
- No paint or coatings of any type are used on the exterior of the motor
- Nameplate is laser-etched into the motor frame to eliminate nameplate rivet holes and bearing locking screws located inside the motor to reduce entry points for water
- Rugged industrial-duty construction
- See Chemical Resistance Rating Chart on page 30

# WASHGUARD™ SST™

**300-Series stainless steel** exterior components – frame, base, endshields, shaft extension, fan guard, hardware, conduit box and cover – for maximum corrosion resistance.

**Laser-etched** full-fact nameplate on motor frame.

**Anti-corrosion coating** applied to rotor and heavy polyester varnish on stator and to prevent corrosion.

**Double-sealed bearings** with moisture-resistant high-temperature grease.

**Rubber-covered seals** on both shaft extensions of TEFC motors.

**Split conduit box design** with flanged cover and rubber gasket for better sealing.

**Heavy-duty 12 ga. stamped base** used on all ratings.

**Moisture resistant sealant** between frame and endshields excludes water.

**Four condensate drains in each endshield** (at three, six, nine and twelve o'clock) provide locations to purge condensate and water, which may enter the motor.

**T-drains provided for effective drainage** without allowing water to splash inside the motor. T-drain for opposite shaft end is installed at six o'clock position (and can be relocated easily). T-drain for shaft end is shipped loose for customer installation at low point of motor.



# WASHGUARD™ SST™ ALL STAINLESS

## THREE PHASE • 208-230/460 & 575 VOLTS



### 208-230/460V • TENV/TEFC • C FACE WITH BASE

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1/3	3450	56C	191200●	\$433	A	29	208-230/460	1.0	74.0	9.78
	1750	56C	191201●	452	A	30	208-230/460	1.3	78.5	9.78
1/2	3450	56C	191203●	440	A	32	208-230/460	1.5	77.0	9.78
	1750	56C	191204●	466	A	33	208-230/460	1.6	81.5	9.78
3/4	3450	56C	191206●	498	A	33	208-230/460	2.0	78.5	9.78
	1750	56C	191207●	539	A	38	208-230/460	2.3	82.5	9.78
1	3450	56C	191209	541	A	41	208-230/460	2.6	80.0	13.77
	3450	143TC	G191210	541	B	42	208-230/460	2.6	80.0	13.62
	1750	56C	191291●	562	A	49	208-230/460	3.0	81.0	11.00
	1750	56C	191211	562	A	47	208-230/460	3.0	82.5	13.77
	1750	143TC	G191212	604	B	48	208-230/460	3.0	82.5	13.62
1½	3450	56C	191215	587	A	48	208-230/460	3.8	82.5	13.77
	3450	143TC	G191216	587	B	49	208-230/460	3.8	82.5	13.62
	1750	56C	191217	586	A	48	208-230/460	4.8	84.0	13.77
	1750	145TC	G191218	628	B	49	208-230/460	4.8	84.0	13.62
2	3450	56C	191221	650	A	49	208-230/460	5.0	84.0	13.77
	3450	145TC	G191222	650	B	50	208-230/460	5.0	84.0	13.62
	1750	56C	191223	667	A	52	208-230/460	5.8	84.0	13.77
	1750	145TC	G191224	703	B	53	208-230/460	5.8	84.0	13.62
3	3450	145TC	G191293	795	B	62	208-230/460	7.4	85.5	14.12

### 575V • TENV/TEFC • C FACE WITH BASE

NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
56C	191227●	\$433	A	29	575	0.45	74.0	9.78
56C	191228●	452	A	30	575	0.52	78.5	9.78
56C	191230●	440	A	32	575	0.65	77.0	9.78
56C	191231●	466	A	33	575	0.65	81.5	9.78
56C	191233●	498	A	33	575	0.8	78.5	9.78
56C	191234●	539	A	38	575	0.95	82.5	9.78
56C	191236	541	A	41	575	1.2	80.0	13.77
143TC	191237	541	A	42	575	1.2	80.0	13.62
56C	191295●	562	A	47	575	1.2	82.5	11.00
56C	191238	562	A	47	575	1.2	82.5	13.77
143TC	191239	604	A	48	575	1.2	82.5	13.62
56C	191242	587	A	48	575	1.7	82.5	13.77
143TC	191243	587	A	49	575	1.7	82.5	13.62
56C	191244	586	A	48	575	1.9	84.0	13.77
145TC	191245	628	A	49	575	1.9	84.0	13.62
56C	191248	650	A	49	575	2.2	84.0	13.77
143TC	191249	650	A	50	575	2.2	84.0	13.62
56C	191250	667	A	52	575	2.3	84.0	13.77
145TC	191251	703	A	53	575	2.3	84.0	13.62
145TC	191297	795	A	62	575	3.0	85.0	14.12



### 208-230/460V • TENV/TEFC • C FACE LESS BASE

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
1/3	1750	56C	191202●	\$450	A	29	208-230/460	1.3	78.5	9.78
1/2	1750	56C	191205●	462	A	32	208-230/460	1.6	81.5	9.78
3/4	1750	56C	191208●	536	A	38	208-230/460	2.3	82.5	9.78
1	1750	56C	191290●	559	A	48	208-230/460	3.0	81.0	11.00
	1750	56C	191213	559	A	46	208-230/460	3.0	82.5	13.77
	1750	143TC	191214	577	B	47	208-230/460	3.0	82.5	13.62
1½	1750	56C	191219	583	A	47	208-230/460	4.8	84.0	13.77
	1750	145TC	191220	601	B	48	208-230/460	4.8	84.0	13.62
2	1750	56C	191225	665	A	51	208-230/460	5.8	84.0	13.77
	1750	145TC	191226	685	B	52	208-230/460	5.8	84.0	13.62

### 575V • TENV/TEFC • C FACE LESS BASE

NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	F.L. Amps 230V	% F.L. Eff.	"C" Dim. (Inches)
56C	191229●	\$450	A	29	575	0.52	78.5	9.78
56C	191232●	462	A	32	575	0.65	81.5	9.78
56C	191235●	536	A	38	575	0.95	82.5	9.78
...	...	...	...	...	...	...	...	...
56C	191240	559	A	46	575	1.2	82.5	13.77
145TC	191241	577	A	47	575	1.2	82.5	13.62
56C	191246	583	A	47	575	1.9	84.0	13.77
145TC	191247	601	A	48	575	1.9	84.0	13.62
56C	191252	665	A	51	575	2.3	84.0	13.77
145TC	191253	685	A	52	575	2.3	84.0	13.62

● These motors are totally enclosed, non-ventilated – Others are fan cooled.



#### Standards and Approvals

UL component recognized, file number E57948, guide number PRGY2. Energy efficiency ratings are verified by an independent testing laboratory. CSA Energy Efficiency Verification Program, report number EEV 78720-1. Construction is CSA Certified for safety report number LR33543.

All three phase motors, 1HP and above, are inverter rated, refer to page 182 for speed ranges.



# WASHGUARD™ ALL-STAINLESS MOTORS

ALL-STAINLESS • SINGLE PHASE • THREE PHASE

## PREMIUM STAINLESS STEEL DUCK



### General Specifications:

Motors have been tested to and passed the IEC IP-56 test requirements. Designed specifically to meet the demanding sanitation requirements of the pharmaceutical, food processing and beverage industries. These motors are also ideal in clean room and severe chemical-processing applications involving frequent washdown with nitric acid and caustic lye. In fact, WASHGUARD™ All-Stainless Motors include IEEE 841 severe-duty features right out of the box!

### Mechanical Protection Features:

- All exterior components are 300-series stainless steel.
- Nothing on the motor's exterior is painted or coated in any way.
- All sealing components are Viton® for superior chemical resistance.
- Full fact nameplate is laser etched on the motor frame – no separately attached nameplate to trap dirt or contaminants.
- Endshields are O-ring sealed to the frame.
- Double lip shaft seals on both ends of TEFC motors (shaft end only on TENV motors).
- Removable hydrophobic breathers in opposite shaft endbell and conduit box equalize pressure without allowing moisture to enter.
- Exterior fastener use minimized reducing the number of entry points for moisture. There are no holes in the frame for attaching a nameplate. Bearing lock screws are located inside the motor and the conduit box mounted screws have been eliminated.
- Double-sealed bearings are pre-lubricated with moisture-resistant high-temperature grease for long life.
- Interior coatings applied to rotor and stator protect against corrosion.
- New conduit box mounting system provides optimum sealing.
- Ease to clean construction is BISSC Certified for bakery applications..

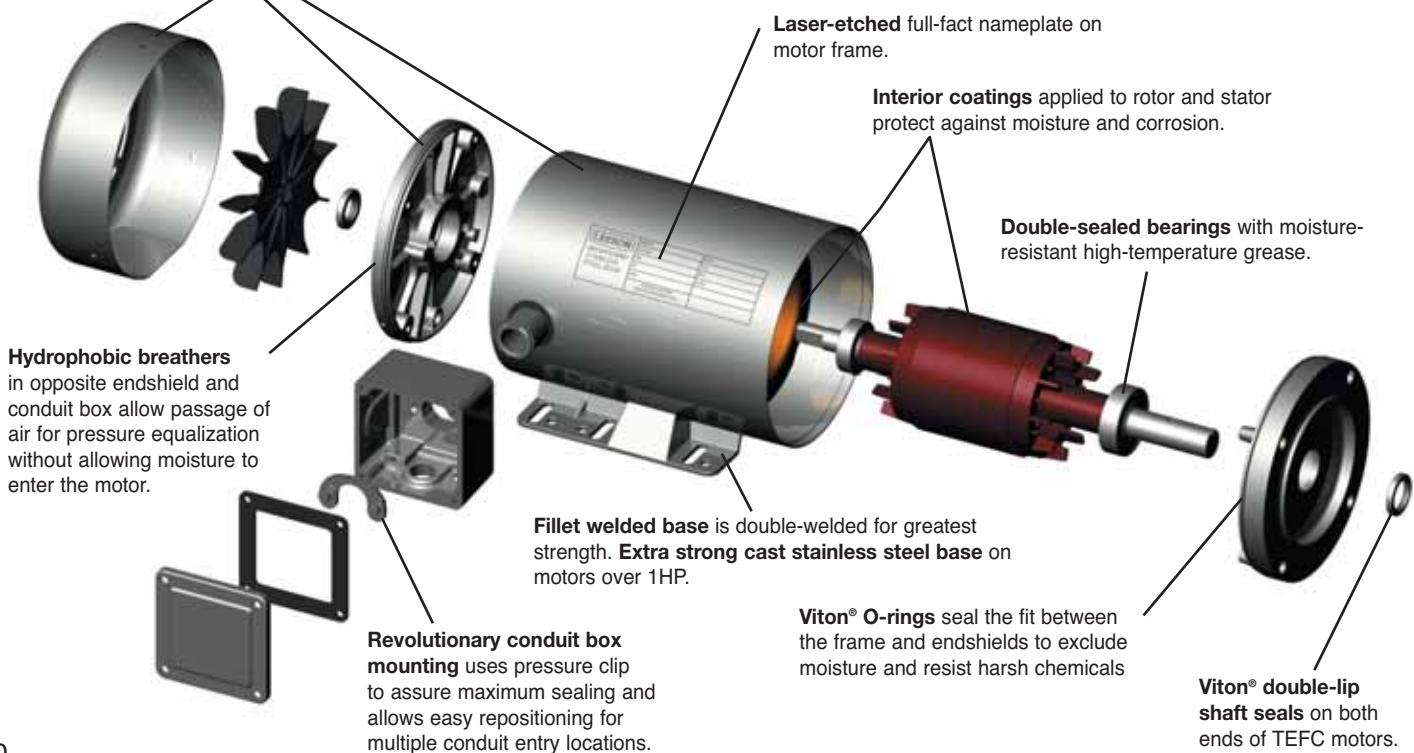
### Electrical Performance and Protection Features

- WASHGUARD™ efficiencies meet EPACT mandates for non-exempt motors when tested without shaft seals.
- Windings are immersed and cured in polyester insulating varnish for extra moisture-resistance.
- LEESON's exclusive IRIS™ Inverter-Rated Insulation System provides extra protection and long life, especially in inverter-driven applications.
- Single-phase motors use Solid State Sinpac® switch – no mechanical switch contacts to corrode and fail.

### Standards and Approvals

- Single and three phase motors are UL component recognized – file number E57948, guide number PRGY2.
- CSA Energy Efficiency Verification Program, report number EEV 78720-1.
- Construction is CSA Certified for safety report number LR33543 and listed under BISSC authorization number 769.

**300-Series stainless steel** exterior components – frame, base, endshields, shaft extension, fan guard, hardware, conduit box and cover – for maximum corrosion resistance.



### CHEMICAL RESISTANCE RATING CHART

CHEMICAL	CONCENTRATION	ALL STAINLESS COMPONENTS
<b>WATER:</b>		
De-ionized Boiling	100%	Excellent
Salt (Immersed)	30%	Excellent
Salt (Spray)	5%	Excellent
Tap - 250°F/120°C @ 10,000 PSI	100%	Excellent
<b>ACIDS:</b>		
Hydrochloric	35%	Poor
Sulfuric	25%	Poor
Nitric	35%	Excellent
Picric	Saturated Solution	Excellent
<b>BASE:</b>		
Caustic	100%	Excellent
Caustic	12.5 pH	Excellent
Caustic - 125°F/50°C	9.5 pH	Excellent
<b>SOLVENTS:</b>		
	–	Excellent





# WASHGUARD™ ALL-STAINLESS MOTORS

## SINGLE & THREE PHASE



### ALL-STAINLESS SINGLE PHASE • TENV/TEFC • C FACE LESS BASE

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
1/3	1750	56C	116349●	\$836	A	25	115/208-230	None	2.7	11.70
1/2	1750	56C	116350●	852	A	29	115/208-230	None	3.3	12.70
3/4	1750	56C	116351●	935	A	31	115/208-230	None	3.8	12.70
1	1750	56C	116352●	950	A	34	115/208-230	None	4.5	13.70
1½	1750	145TC	121624	1274	A	43	115/208-230	None	7.4	14.87
2	1750	145TC	121633	1466	A	60	115/208-230	None	10.0	14.87

● These motors are totally enclosed, non-ventilated – Others are fan cooled.

### ALL-STAINLESS SINGLE PHASE • TENV/TEFC • C FACE WITH BASE

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
1/3	1750	56C	116343●□	\$883	A	28	115/208-230	None	2.7	12.20
1/2	3450	56C	116344●□	760	A	25	115/208-230	None	3.8	12.20
	1750	56C	116345●□	897	A	28	115/208-230	None	3.3	12.70
3/4	1750	56C	116346●□	980	A	30	115/208-230	None	3.8	12.70
	3450	56C	116347●□	798	A	31	115/208-230	None	6.0	13.70
1	1750	56C	116348●□	996	A	33	115/208-230	None	4.5	13.70
	3450	56C	116482□	1319	A	36	115/208-230	None	6.8	13.81
1½	1750	145TC	121622	1374	A	45	115/208-230	None	7.4	14.81
	3450	145TC	121623	1480	A	43	115/208-230	None	8.8	14.81
2	1750	145TC	121632	1541	A	60	115/208-230	None	10.0	14.81

● These motors are totally enclosed, non-ventilated – Others are fan cooled.

□ Combination 56H base motors have mounting holes for NEMA 56 and NEMA 143-5T and a standard NEMA 56 shaft.

### 208-230/460V

#### ALL STAINLESS • TENV/TEFC • C FACE WITH BASE

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
3	1750	182TC	G131900	\$1459	A	70	208-230/460	8.2	87.5	14.77
5	3450	184TC	G131901	1517	A	80	208-230/460	12.0	87.5	14.77
	1750	184TC	G131902	1456	A	80	208-230/460	13.0	87.5	15.27
7½	3450	213TC	G140698	2410	A	150	208-230/460	18.4	88.5	18.69
	1750	213TC	G140675	2321	A	153	208-230/460	20.4	89.5	18.69
10	3450	215TC	G140699	2632	A	165	208-230/460	24.0	89.5	18.69
	1750	215TC	G140676	2545	A	170	208-230/460	26.0	89.5	18.69

### 575V

#### ALL STAINLESS • TENV/TEFC • C FACE WITH BASE

HP	RPM 60 Hz	NEMA Frame	Catalogue Number	List Price	Disc. Sym.	App. Wgt. (lbs.)	Voltage	Over- load Prot.	F.L. Amps 230V	"C" Dim. (Inches)
3	1750	182TC	G132012	\$1459	A	70	575	3.3	87.5	14.77
5	3450	184TC	G132013	1517	A	80	575	4.8	87.5	14.77
	1750	184TC	G132014	1456	A	80	575	5.2	87.5	15.27
7½	3450	213TC	G140748	2410	A	150	575	7.4	88.5	18.69
	1750	213TC	G140749	2321	A	153	575	8.2	89.5	18.69
10	3450	215TC	G140750	2632	A	165	575	9.6	89.5	18.69
	1750	215TC	G140751	2545	A	170	575	10.4	89.5	18.69

All three phase motors, 1HP and above, are inverter rated, refer to page 182 for speed ranges.