



# Boston Gear Stainless Steel Motors

Value Engineered for Washdown  
Performance



**Designed to provide maximum corrosion resistance in caustic washdown environments.**



## Exterior Construction

300 Series stainless steel housing, end bells, output shafts and conduit box

## Interior Features

- Conforms to 2007 EISA efficiency standards
- Inverter Duty
- Class F insulation
- Class "B" rise @ 1.15 service factor
- Epoxy-coated windings
- Internally-locked bearings to eliminate unwanted axial movement

The ultimate combination of 700 Series and SS motors for elite washdown performance.





## Stainless Steel Motors

UL / ULc Certified

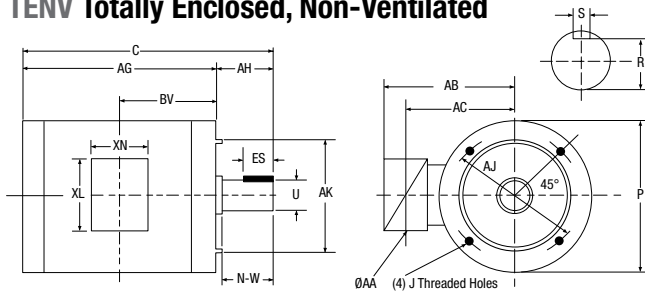
### Performance Data

Part #	HP	Type	RPM	Frame	Voltage AC	Efficiency*	Full Load Amps (230/460)	Weight (lbs.)	Bearings
FUTSS	0.5	TENV	1720	56C	208-230/460-3-60	81.2%	1.62/0.81	28	6205
GUTSS	0.75	TENV	1720	56C	208-230/460-3-60	81.5%	2.44/1.22	31	6205
HUT-5/8SS	1	TENV	1720	56C	208-230/460-3-60	82.5%	3.04/1.52	35	6205
HUTF-5/8SS	1	TEFC	1720	56C	208-230/460-3-60	84.0%	3.10/1.60	35	6205
HUTSS	1	TENV	1720	143TC	208-230/460-3-60	82.5%	3.04/1.52	35	6205
HUTFSS	1	TEFC	1720	143TC	208-230/460-3-60	84.0%	3.10/1.45	35	6205
JUTFSS	1.5	TEFC	1720	145TC	208-230/460-3-60	84%	4.24/2.12	42	6205
KUTFSS	2	TEFC	1720	145TC	208-230/460-3-60	84%	5.44/2.77	49	6205
LUTFSS	3	TEFC	1765	182TC	208-230/460-3-60	87.5%	8.0/4.0	81	6308

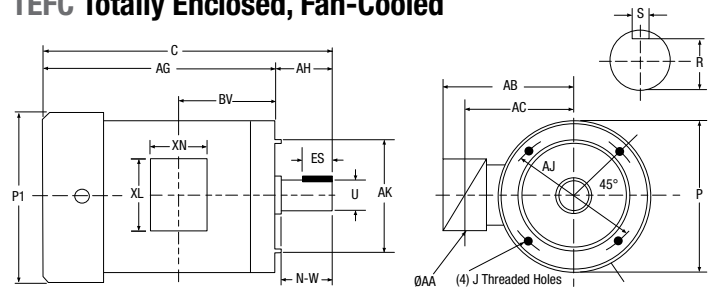
Ratings are for continuous duty at Max Ambient Temperature of 40°C  
 TENV = Totally enclosed, non-ventilated  
 TEFC = Totally enclosed, fan-cooled

All motors are inverter-duty rated at Service Factor of 1.15  
 Motors can be run at 50 Hz with a derating factor applied  
 \*Efficiency meets or exceeds 2007 EISA standards

### TENV Totally Enclosed, Non-Ventilated



### TEFC Totally Enclosed, Fan-Cooled



### Dimensions (in.)

Catalog No.	HP	Frame	Mounting				Conduit Box					
			C	P	P1	AG	AA	AB	AC	BV	XL	XN
FUTSS	1/2	56C	9.64	6.45	—	7.58	0.87	5.43	4.65	5.33	4.40	3.81
GUTSS	3/4	56C	9.64	6.45	—	7.58	0.87	5.43	4.65	6.33	4.40	3.81
HUT-5/8SS	1	56C	10.77	6.45	—	8.64	0.87	5.43	4.65	6.33	4.40	3.81
HUTF-5/8SS	1	56C	11.59	—	7.35	9.53	.87	5.43	4.65	6.33	4.40	3.81
HUTSS	1	143TC	10.77	6.45	—	8.64	0.87	5.43	4.65	6.33	4.40	3.81
HUTFSS	1	143TC	12.63	—	7.35	10.51	.87	5.43	4.65	6.33	4.40	3.81
JUTFSS	1-1/2	145TC	13.50	6.45	7.35	11.38	0.87	5.43	4.65	7.44	4.40	3.81
KUTFSS	2	145TC	13.78	6.45	7.35	11.65	0.87	5.43	4.65	7.44	4.40	3.81
LUTFSS	3	182TC	17.40	6.45	7.35	14.27	0.94	7.60	5.30	8.75	4.45	4.05



www.bostongear.com

701 Carrier Drive  
 Charlotte, NC 28216-USA  
 704-588-5610  
 Fax 704-588-7181

Customer Service:  
 800-825-6544  
 Application Assistance:  
 800-816-5608