

Washdown, DC Permanent Magnet SCR Rated, Totally Enclosed C-Face with Removable Base

Applications: Used in applications requiring regular washdown, such as in food processing plants, or in otherwise wet or humid environments in a variety of commercial and industrial applications such as conveyors, door openers, feeders and pumps.



- Features:**
- Class F insulation
 - NEMA C-Face with removable rigid base
 - Oversized brushes for extra long life
 - Doubled sealed, oversized ball bearings
 - Corrosion resistant 303 stainless steel shaft
 - "V" ring Forsheda seals
 - High temperature, moisture resistant lubricant
 - Exterior and interior components protected with enamel & polyester compounds
 - Aluminum conduit box, threaded and gasketed
 - Drains at 3:00, 6:00, 9:00 and 12:00 locations
 - Sealed machine fits
 - Stainless steel nameplate
 - USDA approved white epoxy paint
 - UL Recognized and CSA Certified

HP	RPM	DC VOLTS	FRAME	ENCL.	CAT. NO.	MODEL NO.	LIST PRICE	MULT. SYMB.	C.T. SPEED RANGE	F.L. AMPS	PWM HP RATING	APPROX. WGT. LBS.	"C" DIM.	FOOT NOTES
1/4	1750	90	56C	TENV	Z630★	56E17V2001	\$594	D1	20:1	2.7	0.30	23	10.69	
1/3	1750	90	56C	TENV	Z631★	56E17V2002	\$629	D1	20:1	3.5	0.56	30	11.69	
1/2	1750	90	56C	TENV	Z634★	56E17V2003	\$704	D1	20:1	4.9	0.75	38	13.69	
	1750	180	56C	TENV	Z635★	56E17V2004	\$704	D1	20:1	2.4	0.70	39	13.69	
3/4	1750	90	56C	TENV	Z636★	56E17V2005	\$854	D1	20:1	7.0	1.25	50	15.69	
	1750	180	56C	TENV	Z637★	56E17V2006	\$854	D1	20:1	3.5	1.25	35	15.69	
1	1750	90	56C	TEFC	Z638★	56E17W2001	\$1,042	D1	2:1	10.0	1.25	45	15.81	
	1750	180	56C	TEFC	Z639★	56E17W2002	\$1,042	D1	2:1	5.0	1.25	42	14.81	
1-1/2	1750	180	56C	TEFC	Z641★	56E17W2003	\$1,330	D1	2:1	7.6	1.75	50	16.81	

★ Stock Model

SCR PMDC motors on PWM power supplies

Pulse width modulated DC controls have a voltage output similar to pure direct current which has a form factor of 1.05. SCR thyristor drives have a form factor of 1.40. Marathon Electric's non-Explosion Proof PMDC, SCR-rated motors can also be used with PWM controls, and due to the lower form factor and the resultant lower heating in the motor, their rating can be increased as indicated above. Operation on PWM controls will also result in quieter operation and longer brush life.