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TEWAC Enclosure / ICW81 / IP54 - Siemens Type CGG



These horizontal, foot-mounted motors are designed for indoor and outdoor applications where internal parts must be protected from adverse ambient conditions. Utilizes water-to-air, tube-type heat exchangers with the added benefit of lower a noise level than TEAAC.

Feature	Standard	Available Option
Power Range	200 - 10,000 HP	
Poles	2 - 16	
Frame Sizes	580, 680, 800 & 1120	
Voltage	2300 - 13,200V	
Service Factor	1.0	1.15
Frame	Cast iron yoke for 580, 680, & 800 frames, fabricated steel for 1120 frame	N/A
Bearing Housings	Cast iron for 580, 680, & 800 frames, fabricated steel for 1120 frame	N/A
Main Terminal Box	Cast iron for 580, 680, & 800 frames, fabricated steel for 1120 frame	Fabricated steel for 580, 680, & 800 frames
Auxiliary Boxes	Cast iron	NEMA 4X
Shaft	AISI 1045	AISI 4140
Rotor	Die cast aluminum for most 580 frames, fabricated copper for 580, 680, & 800 frames	Fabricated copper for 580 frame where aluminum is standard
Lamination Material	C5 core plate	N/A
Top Cover	Fabricated steel	N/A
Heat Exchanger	Single tube copper-nickel	Double tube copper-nickel Single tube stainless steel Double tube stainless steel
Insulation	Class F-VPI MiClad™	N/A
Hardware	300 series stainless steel	N/A
Paint	Two-part epoxy	Special paint system
Paint Color	Siemens Motor Blue	Other colors
Bearing Type	Ball bearing for 580 frame, sleeve bearing for 680-1120 frames	Sleeve bearing for 580 frame
Vibration	0.12 IPS or as defined by NEMA	Special balance
Warranty	12 months operational not to exceed 18 months from shipment	Deferred and/or Extended

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