



<http://www2.sea.siemens.com> | Horizontal-ODP/WPI | 2008-03-26

ODP/WPI Enclosure / IC01 / IP23 - Siemens Type CG



These horizontal, foot-mounted motors are best suited for indoor applications and non-exposure to extreme ambient conditions.

Feature	Standard	Available Option
Power Range	200 - 10,000 HP	
Poles	2 - 16	
Frame Sizes	500, 580, 680, 800 & 1120	
Voltage	460 - 13,200V (460-690V to 800 HP only)	
Service Factor	1.0	1.15
Frame	Cast iron yoke for 500-800 frames, fabricated steel for 1120 frame	N/A
Bearing Housings	Cast iron for 500-800 frames, fabricated steel for 1120 frame	N/A
Main Terminal Box	Cast iron for 500-800 frames, fabricated steel for 1120 frame	Fabricated steel for 500-800 frames
Auxiliary Boxes	Cast iron	NEMA 4X
Shaft	AISI 1045	AISI 4140
Rotor	Die cast aluminum for 500 & most 580 frames, fabricated copper for 680 - 1120 frames	Fabricated copper for 500-580 frames
Lamination Material	C5 core plate	N/A
Top Cover	Not applicable for 500 frames, fabricated steel for 580-1120 frames	N/A
Insulation	<600V is Class F random wound, >600V is 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 500-580 frames, sleeve bearing for 680-1120 frames	Sleeve bearing for 500-580 frames
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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