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WPII Enclosure / IC01 / IP24 - Siemens Type CGIIV & CGIHS



These vertical, flange-mounted motors are specifically designed for outdoor applications where the motor is not likely to be protected by other structures.

Feature	Standard	Available Option
<b>Power Range</b>	200 - 4,000 HP	
<b>Poles</b>	4 - 16	
<b>Frame Sizes</b>	500, 580, 680, 800 & 1120	
<b>Voltage</b>	2300 - 13,200V	
<b>Service Factor</b>	1.0	1.15
<b>Frame</b>	Cast iron	N/A
<b>Bearing Housings</b>	Cast iron	N/A
<b>Main Terminal Box</b>	Cast iron for 500-800 frames, fabricated steel for 1120 frame	Fabricated steel for 500-800 frames
<b>Auxiliary Boxes</b>	Cast iron	NEMA 4X
<b>Shaft</b>	Solid	Hollow for 500-580 frames
<b>Shaft Material</b>	AISI 1045	AISI 4140
<b>Rotor</b>	Die cast aluminum for 500 & most 580 frames, fabricated copper for 680-1120 frames	Fabricated copper for 500-580 frames
<b>Lamination Material</b>	C5 core plate	N/A
<b>Top Cover</b>	Not applicable for 500 frames, fabricated steel for 580-1120 frames	N/A
<b>Upper Thrust Bearing</b>	Angular contact for 500 & 580 frames, spherical roller for 680-1120 frames	Spherical roller for 500 & 580 frames, shoe-type for 680-1120 frames
<b>Lower Guide Bearing</b>	Ball	N/A
<b>Insulation</b>	Class F-VPI MiClad™	N/A
<b>Hardware</b>	300 series stainless steel	N/A
<b>Paint</b>	Two-part epoxy	Special paint system
<b>Paint Color</b>	Siemens Motor Blue	Other colors
<b>Vibration</b>	0.12 IPS or as defined by NEMA	Special balance
<b>Warranty</b>	12 months operational not to exceed 18 months from shipment	Deferred and/or Extended

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