

PSGSG-210	Product Specifications For Reversible Motors		Drg. No.	
			Date	08.04.17
			Product	GSM245
1.0	Application : Isolator Drive			
2.0	Output Power : >or = to 90 W			
3.0	Type : Reversible			
4.0	Input Voltage : 230 V			
5.0	Frequency : 50 Hz			
6.0	Technical Specifications:			
6.1	The synchronous speed of the motor shall be in the order of 1200 rev/min. The actual speed shall be within 2 % less than the displayed under no-load conditions.			
6.2	Motor shall be rated for minimum of 30 minutes.			
6.3	Motor shall have provision for a built-in thermal protector. The thermal protector shall stop the motor during overheating conditions. Temperature rise of the motor shall be indicated for the operation of thermal protector.			
6.4	The supply shall include a capacitor to reverse the direction of motor rotation. Suitable wiring diagrams pertaining to motor and capacitor shall be supplied with the offer. Capacitor cap shall be provided with Capacitor. Preferably, the capacitor and motor wiring can be housed in a separate box for ease in taking connections.			
6.5	The following Gear Heads are required as part of the supply: Gear head with Gear Ratio of 1: 50 The Gear head shall have solid shaft preferably. The gear heads shall be matched to the motor irrespective of the Gear Ratio. The rated torque of the Motor / Gear head shall be at least 30 N-m for the gear ratio of 1: 50.			
1/2	PSGSG_210.doc		Signature	

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6.6	Supplier shall provide schematic drawings of Motor and gear head for making suitable provision at our end.		
6.7	Qualifying Requirements: The supplier shall be of repute with proven record and should have supplied similar motors for electrical applications for at least for last three years. The supplier must submit along with the quotation a few references to whom the supplier has supplied a similar material.		
6.8	Manufacturer's Test Certificate The supplier shall submit copy of Manufacturer's test certificate		
6.9	Warranty Certificate: All supplied items to be provided with warranty for 12 months from date of receipt and acceptance		
7.0	Packing: The Motors shall be packed in high density cardboard boxes, with a primary wrapped in polyethylene and packed individually in dust free boxes. The component shall be guaranteed against all manufacturing defects. In case of doubts in specifications, the supplier shall contact BHEL for clarifications.		
2/2	PSGSG_210.doc		Signature