

CENTRIFUGAL VENTILATION FANS AND SPARES

Sr#	Description	Qty								
1	<u>Belt Driven Centrifugal Ventilation Fan (without motor)</u> ➤ Model: FQI121 N 12S or equivalent ➤ Make: Ferrari, Italy or equivalent ➤ Flow: 62,000 m³/hr (17.22 m³/s) ➤ Static pressure; 419mmWG (419 kgf/m²) ➤ Fan speed: 1660 rpm ➤ Orientation: LG45 ➤ Impeller: SS-304 ➤ Fan case: SS-304 ➤ Base Frame Belt drive ➤ Fan pulley size: 355 6 SPB bush 3535 hole Φ 75 mm ➤ Motor pulley size: 400 6 SPB bush 3535 hole Φ 80 mm ➤ Belt drive ratio: 1:1.12 ➤ Belt: SPB 3870 Motor (Data provided for reference only) ➤ Motor type: 315S/4 ➤ Motor power: 110 kW ➤ Speed: 1480 rpm ➤ Tension: 380 V ➤ Frequency: 50 Hz	One								
2	<u>SPARES</u> <table><tr><td>i. Impeller/Turbine</td><td>4</td></tr><tr><td>ii. Fan Pulley (Drive pulley for fan end)</td><td>3</td></tr><tr><td>iii. Motor Pulley (Drive pulley for motor end)</td><td>3</td></tr><tr><td>iv. Shaft with bearing and housing</td><td>3</td></tr></table>	i. Impeller/Turbine	4	ii. Fan Pulley (Drive pulley for fan end)	3	iii. Motor Pulley (Drive pulley for motor end)	3	iv. Shaft with bearing and housing	3	
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<u>Notes:</u> a. Technical literature of the offered fan must be submitted with the quotation. b. Make and country of origin should be clearly mentioned in quotation.										