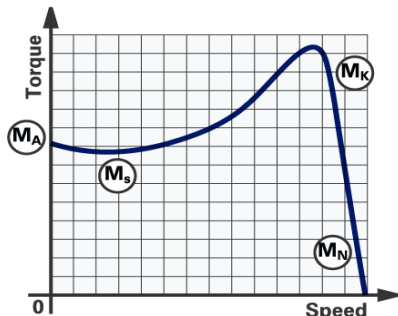


Motor Data Sheet

Supplied To. - - - - -				Frame Ref. PU-DF250MA								
				Output 55.0		kW		Volts 400 / 690				
				Hertz 50				Amps 97.6 / 56.6				
Item No. 250P832401				Rev/min 1480		Poles 4						
Sales order / Line no. -				Duty S1		Cooling Code IC411						
Account No. -												
Load (kW)		55.00	41.20					27.60				
Efficiency (%)		94.6	94.9					94.9				
Power Factor		0.88	0.86	0.79	Efficiency 94.6%		Class IE3					
Amps (Ia) @ 400 V		95.4	73.2	53.4								
Speed (rpm)		1480	1486	1493								
L.R. PF		0.4										
N.L. amps		30.30			Phase 3		Insulation F		cos Ø 0.86		IP 55	
N.L. PF		0.05										
Speed / Torque Curve				Mean SPL @ 1 metre on no-load 73 dB(A)								
				DE bearing & oilseal 6315/C3 75x100x10								
				NDE bearing & oilseal 6314/C3 70x90x10								
				Lubrication grease UNIREX N2								
				Lubrication interval DE 3300 hrs NDE 4100 hrs								
				Radial air gap - mm								
				Rotor inertia 1.0273 kgm/sq								
				Vibration levels less than 2.2 mm/sec								
				Shaft details Ø65 x 140mm LONG EXT'N								
FLT (Mn) 355.0 Nm				T.Box entry 2 x CM63 & 1 x CM16								
LRT (DOL) (Ma/Mn) 2.2 FLT 781.0 Nm				Mounting FOOT, HORIZONTAL (IM1001)(B3)								
LRT (SD) (Ma/Mn Y) 0.69 FLT 245.0 Nm				Motor weight (Approx. net) 504 kg								
LRT (DOL) 80% V 1.4 FLT 497.0 Nm				L.R. Time hot 7.2 secs								
PUT (Ms/Mn) 2.2 FLT 781.0 Nm				L.R. Time cold 18.0 secs								
POT (Mk/Mn) 2.2 FLT 781.0 Nm				A.R.T. 100% Volts 12.2 secs								
Speed / Current Curve				A.R.T. 80% Volts 19.1 secs								
				Winding Connection DELTA STAR								
				Maximum volts drop at start: 20%								
				Max. ambient temp. 40 °C								
				Thermal time constant 1 hrs								
				Direction of rotation CLOCKWISE AT DRIVE END								
				Winding thermistors fitted 160 °C								
				Winding thermostats fitted - °C								
				Anti condensation heaters 220-240 Volts 80 Watts								
				Certifying Authority -								
				Certificate No. -								
LRC (DOL) (Ia/In) 7.4 FLC 706.0 amps				Marking Ex -								
LRC (SD) (Ia/In Y) 2.3 FLC 219.4 amps				-								
LRC (DOL) 80% V 5.9 FLC 563.0 amps				-								
Remarks												
Nameplate also stamped: 63.3 kW @ 460 / 800 / 3 / 60 FLC= 97.6 / 56.6 A FLS= 1775 rpm												
-												
-												

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