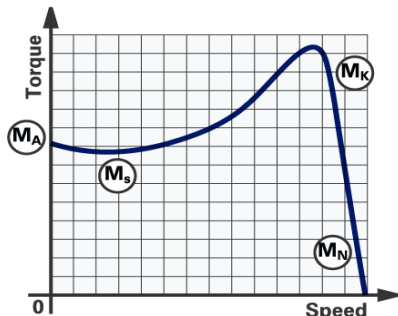
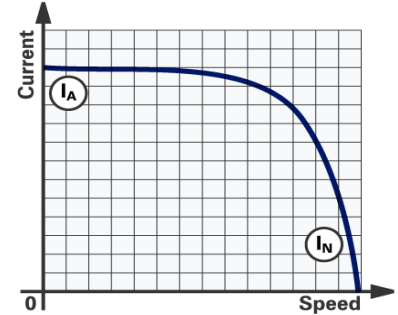


Motor Data Sheet

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	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				Efficiency 94.6%								
				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		
				T.Box entry		2 x CM63 & 1 x CM16						
Mounting		FOOT, HORIZONTAL (IM1001)(B3)										
Motor weight (Approx. net)		504				kg						
L.R. Time hot		7.2				secs						
L.R. Time cold		18.0				secs						
A.R.T. 100% Volts		12.2				secs						
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.		-										
Marking		Ex				-						
LRC (DOL) (Ia/In)		7.4	FLC	706.0	amps	-						
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												
-												
-												
-												

04/060917/1

04/060917/1