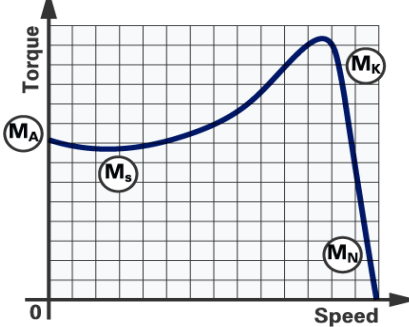


Motor Data Sheet

Supplied To.					Frame Ref. WP-280MN IE3							
					Output 110.00			kW		Volts 400 / 690		
					Hertz 50					Amps 191 / 111		
					Rev/min 1485					Poles 4		
					Duty S1					Cooling Code IC411		
					Efficiency 95.4					Class IE3		
Item No. 280W514110												
Sales order / Line no. .												
Account No. .												
Load (kW)		110.4	82.9	54.5								
Efficiency		95.8	95.8	95.3								
Power Factor		0.86	0.83	0.75								
Amps (Ia)		193.6	150.8	110.5								
Speed (rpm)		1485	1489	1493								
L.R. PF		0.35										
N.L. amps		67.0										
N.L. PF		0.1										
Speed / Torque Curve												
												
					Noise pressure level at 1m on no load 71 dB(A)							
					DE bearing & oilseal 6319 C3 90x120x12							
					NDE bearing & oilseal 6319 C3 90x120x12							
					Lubrication grease Esso Unirex N3							
					Lubrication DE 21300 hrs 45 gms							
					Interval NDE 21300 hrs 45 gms							
					Radial air gap 1.10 mm							
					Rotor inertia 3.200 kgm/sq							
					Vibration levels less than 2.8 mm/sec							
					Shaft details Ø 80 x 170mm LONG EXT'N							
FLT (Mn) 710 Nm					T.Box entry -							
LRT (DOL) (Ma/Mn) 2.4 FLT 1704 Nm					Mounting FOOT,HORIZONTAL (IM1001) (B3)							
LRT (SD) (Ma/Mn Y) 0.8 FLT 532 Nm					Motor weight (Approx. net) 800 kg							
LRT (DOL) 80% V 1.5 FLT 1091 Nm					L.R. Time hot 6.0 secs							
PUT (Ms/Mn) 2.0 FLT 1420 Nm					L.R. Time cold 14.0 secs							
POT (Mk/Mn) 2.6 FLT 1846 Nm					A.R.T. 100% Volts 10.2 secs							
					A.R.T. 80% Volts 15.9 secs							
					Winding Connection DELTA STAR							
					Maximum volts drop at start: 20%							
					Max. ambient temp. 40 °C							
					Thermal time constant 0.83							
					Direction of rotation CLOCKWISE AT DRIVE END							
					Winding thermistors fitted 160°C °C							
					Winding thermostats fitted - °C							
					Anti condensation heaters Volts Watts							
					Certifying Authority -							
					Certificate No. -							
LRC (DOL) (Ia/In) 7.7 FLC 1491 amps					Marking Ex -							
LRC (SD) (Ia/In Y) 2.4 FLC 466 amps					-							
LRC (DOL) 80% V 6.2 FLC 1193 amps					-							
Remarks												
N/PLATE ALSO STAMPED: 460/3/60 @ 126kW FLS: 1785rpm. FLC: 190amps												
. . .												