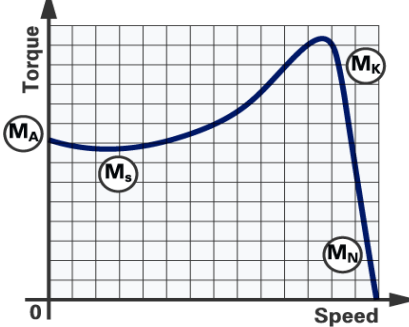
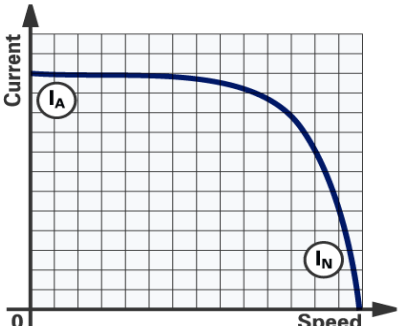


Motor Data Sheet

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				
Item No. 280W514110					Class IE3									
Sales order / Line no. .					Efficiency 95.4									
Account No. .					Phase 3									
Load (kW)		110.4	82.9	54.5	Insulation F		cos Ø 0.87		IP 55					
Efficiency		95.8	95.8	95.3	Noise pressure level at 1m on no load 71 dB(A)									
Power Factor		0.86	0.83	0.75	DE bearing & oilseal 6319 C3 90x120x12									
Amps (Ia)		193.6	150.8	110.5	NDE bearing & oilseal 6319 C3 90x120x12									
Speed (rpm)		1485	1489	1493	Lubrication grease Esso Unirex N3									
L.R. PF 0.35					Lubrication DE 21300 hrs		45 gms							
N.L. amps 67.0					Interval NDE 21300 hrs		45 gms							
N.L. PF 0.1					Radial air gap		1.10 mm							
Speed / Torque Curve 					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				
					Speed / Current Curve 					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 . .														