

Model No. 4-Pole cage motor 6RN 180M 22kW D440V 60Hz IM1041

U (V)	Δ / Y Conn	f [Hz]	P [kW]	P [hp]	I [A]	n [RPM]	T [Nm]	IE Class	% EFF at __ load FL 3/4FL 1/2FL	PF at __ load FL 3/4FL 1/2FL	I _A /I _N [pu]	T _A /T _N [pu]	T _K /T _N [pu]
440	D	60	22	30	37	1770	118,7	IE2	93,0	0,84	6,48	1,85	2,82

Motor type	6RN180M04E32	Degree of protection	IP55
Enclosure	Totally Enclosed Fan Cooling	Mounting type	IM1041
Frame Material	Cast iron	Cooling method	IC411
Frame size	180M	Motor weight - approx.	169 kg
Duty	S1	Gross weight - approx.	174 kg
Voltage	440 V	Motor inertia	0,1300 kgm ²
Frequency	60 Hz	Vibration level	according IEC60034-14
Power output	22 kW	Noise level (pressure) acc 60034-9	60 dB(A)
Insulation class	F		
Ambient temperature	-20 till 40 °C		
Temperature rise	temp.rise acc. B		
Temperature rise winding	60 K		
Temperature rise surface	25 K		
Altitude above sea level	1000 mtr		
Hazardous area classification	Safe area		
Te time	0 sec		

Rotor type	Cage motor
Bearing type	6310-2Z/C3WT

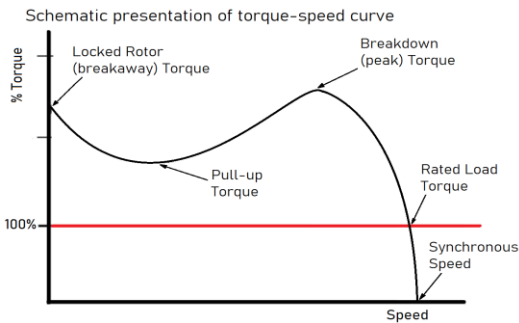
Type of grease	Unirex N3
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Country of origin	CZ
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	Locked rotor Torque [% nom]	Starting current [% nom]	Pull-up Torque [% nom]	Breakdown Torque [% nom]	No-load Current [A]
@ D 440V 60Hz	185%	648%	160%	282%	12,7 A

NOTE
All performance values at rated voltage and frequency.
All performance parameters are subjected to standard tolerance as per IEC 60034-1
Voltage, Frequency are as per IEC60034-1
Technical data are subject to change. There may be discrepancies between calculated and name plate values.

Efficiency	Europe	Global IEC
Standards	EN-IEC: 60034-30	IEC: 60034-30



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