

Model No. 6-Pole cage motor 6RD 180L 15kW D400V 50Hz IM1001

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]
400	D	50	15	20	30,3	982	145,9	IE3	91,2	0,80	6,85	2,37	3,00
690	Y				17,5								
460	D	60	15	20	26	1184	121,0	IE3	91,7	0,79	8,00	2,72	3,40

Motor type	6RD180LA6E3
Enclosure	Totally Enclosed Fan Cooling
Frame Material	Cast iron
Frame size	180L
Duty	S1
Voltage	400 V
Frequency	50 Hz
Power output	15 kW
Insulation class	F
Ambient temperature	-20 till 40 °C
Temperature rise	-
Temperature rise surface	
Altitude above sea level	1000 mtr
Hazardous area classification	ExII2G Ex db eb IIC T4 Gb
Te time	0 sec

Degree of protection	IP55
Mounting type	IM1001
Cooling method	IC411
Motor weight - approx.	340 kg
Gross weight - approx.	350 kg
Motor inertia	0,2874 kgm ²
Vibration level	according IEC60034-14

Rotor type	Cage motor
Bearing type	6310-2Z/C3

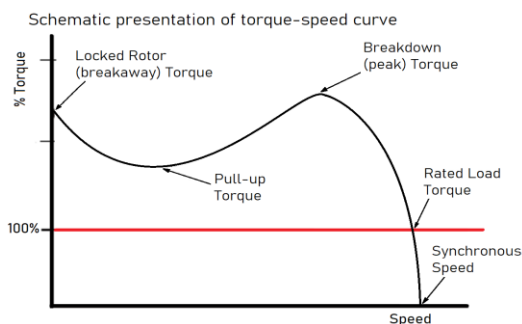
Type of grease	Unirex N3
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Country of origin	IT
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Voltage/Freq	Locked rotor Torque [% nom]	Starting current [% nom]	Pull-up Torque [% nom]	Breakdown Torque [% nom]	No-load Current [A]
@ D 400V 50Hz	237%	683%		300%	16 A
@ D 460V 60Hz	272%	796%		340%	

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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