

Technical Data Sheet
Electric Motor Three phase in Cast Iron IE3



L (standard motor)

1040

L (motor w/brake)

1250

L (motor w/forced ventilation)

1195

L (motor without ventilation)

920

Feet					Shaft						Carcass				Flange				
H	A	B	C	K	D	E	F	G	GA	X	AB	BB	AC	HD	M	N	P	S	T
280	457	368	190	14	75m6	140	20	67.5	79.5	M20x42	550	485	547	680	-	-	-	-	-

Electrical Data

Type	PE30/UM3C* 280S-6	
Poles	6/1000	Poles
Power	45.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	980	rpm
Nominal current	81.60	A
Power factor	0.85	
Efficiency 100%	93.7	%
Efficiency 75%	93.8	%
Efficiency 50%	92.9	%
Torque	438.5	N.m
Ta/Tn	2	
Ia/In	7.3	
Tm/Tn	2	

Mechanical Data

Shaft height	280
Construction form	B3
Mechanical protection	55
Heating class	B
Insulation class	F
Service	S1
Ambient temp.	-10°C-40°C
Altitude	1000
Noise	78 dB(A)
Weight	522 kg
Bearing DE	6317 C3
Bearing NDE	6317 C3

Extra Data

Applicable brakes

DC brake	K10D	Brake torque	1000/1500 N.m
AC brake	NA	Brake torque	NA N.m

Applicable forced ventilations

Single-phase forced ventilation	Power	NA W
Three-phase forced ventilation	Power	270 W

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