

Technical Data Sheet  
 Electric Motor Three phase in Cast Iron IE4



L (standard motor)

1040

L (motor w/brake)

NA

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	65m6	140	18	58	69	M20x42	550	485	547	680	-	-	-	-	-

**Electrical Data**

Type	UM4C 280S-2	
Poles	2/3000	Poles
Power	75.00	Kw
Voltage	400	V
Frequency	50	Hz
Speed	2980	rpm
Nominal current	127.23	A
Power factor	0.89	
Efficiency 100%	95.6	%
Efficiency 75%	95.4	%
Efficiency 50%	94.5	%
Torque	240.3	N.m
Ta/Tn	1.8	
Ia/In	8.5	
Tm/Tn	2.3	

**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	91	dB(A)
Weight	548	kg
Bearing DE	6314 C3	
Bearing NDE	6314 C3	

**Extra Data**

**Applicable brakes**

DC brake	NA	Brake torque	NA	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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