

01	25.10.2018	M5 46181775	MK		KD
REV	DATE	REASON FOR ISSUE	PREPARED	CHECKED	APPROVED
			PLANT		
			AASTA HANSTEEN		
			DOCUMENT TITLE:		
			Data sheet for three-phase squirrel cage motors		
CONTR. NO			DOCUMENT NUMBER		REV.
			C134-ZZ-E-DS-0001		01
SCALE	SIZE	AREA	SYSTEM		



MLFB-Ordering data: **1LE1503-2DA03-4GA4-Z**
F77+H00+H22+L20+Q80+R62+Y82

Motor type: **1CV3280A**

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U	Δ/Y	f	P	P	I	n	M	NOM. EFF at ... load [%]			Power factor at ... load			I _A /I _N	M _A /M _N	M _K /M _N	IE-CL
[V]		[Hz]	[kW]	[hp]	[A]	[1/min]	[Nm]	4/4	3/4	2/4	4/4	3/4	2/4	I _A /I _N	T _f /T _N	T _B /T _N	
400	Δ	50	75.00	- / -	128.00	2975	241.0	94.7	94.8	94.1	0.89	0.87	0.80	6.8	2.4	3.0	IE3
690	Y	50	75.00	- / -	75.00	2975	241.0	94.7	94.8	94.1	0.89	0.87	0.80	6.8	2.4	3.0	IE3
460	Δ	60	84.00	- / -	125.00	3575	224.0	94.5	94.4	93.5	0.89	0.87	0.81	6.8	2.5	3.0	IE2
460	Δ	60	75.00	- / -	112.00	3578	200.0	94.1	93.9	92.7	0.89	0.87	0.79	7.6	2.7	3.2	IE3
IM V1 / IM 3011			FS 280 S		510 kg	IP56		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	66 dB(A) ¹⁾	70 dB(A) ¹⁾	Terminal box position	
Moment of inertia	0.77 kg m²		top	
Bearing DE NDE	6315 C3	6315 C3	Material of terminal box	
Relubrication interval/quantity	25 g 25 g 4000 h		cast iron	
Lubricants	Esso Unirex N3		Type of terminal box	
Regreasing device	Yes (standard)		TB1 N01	
Grease nipple	M10x1 DIN 3404 A		Contact screw thread	
Type of bearing	Locating bearing DE		M10	
Condensate drainage holes	Yes (standard)		Max. cross-sectional area	
External earthing terminal	Yes (standard)		120.0 mm²	
Vibration severity grade	A		Cable diameter from ... to ...	
Insulation	155(F) to 130(B)		34.0 mm - 42.0 mm	
Duty type	S1		Cable entry	
Direction of rotation	clockwise		2xM63x1,5	
Frame material	cast iron		Cable gland	
Data of anti condensation heating	-/-		2 plugs	
Coating (paint finish)	Standard paint finish C2			
Color, paint shade	RAL7030			
Motor protection	(A) without (Standard)			
Method of cooling	IC411 - self ventilated, surface cooled			

Special design (7)	
F77	Low-noise version for 2-pole motors, for clockwise direction of rotation
H00	Canopy
H22	IP 56 degree of protection
L20	Locating bearing, DE
Q80	Extension of the liability for defects by 12 months to a total of 24 months (2 years) from delivery
R62	Cast iron auxiliary terminal box (small)
Y82	Supplementary plate with order data EXTRA RATING PLATE

Environmental conditions	
Ambient temperature	-20 °C - +40 °C
Altitude above sea level	1000 m

Notes	
I _A /I _N = locked rotor current / current nominal	M _K /M _N = break down torque / nominal torque
M _A /M _N = locked rotor torque / torque nominal	1) Value is valid only for DOL operation with motor design IC411