

Data sheet for three-phase Squirrel-Cage-Motors

三相异步鼠笼电动机数据表

MLFB-Ordering data: 1TL8005-3AA53-3AA5



Motor type:

Client order no.:

Order no.:

Offer no.:

Remarks:

U	D / Y	f	P	P	I	n	M	NOM. EFF at ... load [%]			Power factor at ... load			IA/IN	MA/MN	MK/MN	IE-CL
[V]		[Hz]	[kW]	[hp]	[A]	[1/min]	[Nm]	4/4	3/4	2/4	4/4	3/4	2/4	II/IN	TI/TN	TB/TN	
380	D	50	160	/	280	2986	512	97	97.1	96.8	0.9	0.89	0.84	8.5	3.8	3	IE5
660	Y	50	160	/	160	2986	512	97	97.1	96.8	0.9	0.89	0.84	8.5	3.8	3	IE5
A = IM B3 / IM 100			FS 315L		1280 kg		IP55	IEC/EN 60034			IEC, DIN, ISO, VDE, EN						

Mechanical data / 机械性能数据			Terminal box / 接线盒	
Sound pressure level 50Hz/60Hz (No load)	77	/	Terminal box position	Right
Moment of inertia	2.44		Material of terminal box	Cast iron
Bearing DE NDE	6316 C3	6316 C3	Type of terminal box	/
Relubrication quantity (DE NDE)	30	30	Cable diameter	37-44
Relubrication interval (DE NDE)	3000		Max. cross-sectional area	/
Lubricants	2# Li Grease		Main terminal thread	6xM12
Regreasing device	Yes		Cable gland	1 plug + 1 gland
Grease nipple	M10x1		Main cable entry	2xM63x1.5
Type of bearing	Fixed bearing on NDE		Special design / 特殊设计	
Condensate drainage holes	No			
External earthing terminal	Yes			
Vibration class	A			
Insulation	155(F) to 130(B)			
Duty type	S1			
Direction of rotation	bidirectional			
Frame material	Cast iron			
Data of anti condensation heating	No			
Coating	Yes			
Color	RAL 7011			
Motor protection	A = Without motor protection			
Method of cooling	IC411 - Self ventilated, surface cooled			
Environmental conditions / 环境条件				
Ambient temperature	-15	40		
Altitude above sea level	1000m			