

GENERAL INFORMATION

Type	D3EG200L6AB35YY	Efficiency Class	IE3
Pout [kW]	18,5	Vibration Class	A
Speed [rpm]	982	Weight [kg]	
Frame	200L	Degree of Protection	IP55
Current [A]	42,5	Cooling Method	IC 411
cos φ	0,69	Insulation Class	F
Rotation	CW-CCW	Temperature Class	B
Duty	S1	Construction	IM B35
Ambient Temp. [°C]	-20...+40	Altitude above sea [m]	1000

3~MOT		Type		DM 200-6			η%	
					IE3 - 91,7			
S1	IM B35	IP 55	I.C.L.F.					
V	Hz	A	kW	cos φ	1 / min	LOAD	EFF.	
Δ 400	50	42,5	18,5	0,69	982	%75	90,5	
Y 690	50	24,5	18,5	0,69	982			
Δ 460	60	35,4	18,5	0,66	1178	%50	89,4	
Δ 480	60	42,5	22,2	0,68	1175			

ELECTRICAL DATA (RAW MEASUREMENT DATA)

V1	%Load	T [Nm]	I [A]	rpm	P2 [W]	cos φ	Efficiency	Hz
400	100	179,91	42,5	982	18500	0,69	91,7	50
400	75	134,25	36	987	13875	0,61	90,5	50
400	50	89,23	30,7	990	9250	0,49	89,4	50

Locked Rotor Current	Ia [A]	240	Breakdown Torque	Mk [Nm]	478
	Ia / In	5,65		Mk / Mn	2,66
Locked Rotor Torque	Ma [Nm]	463	No Load Current	[A]	26
	Ma / Mn	2,57	No Load Power	[W]	840

MECHANICAL DATA

DE Bearing	6312-ZZ	Sound Pressure - 50 Hz - dB[B]	87
NDE Bearing	6212-ZZ	Sound Pressure - 60 Hz - dB[B]	90
Fixed Bearing	YES	Housing Material	Cast Iron
Lubrication	Optional	DE Shield Material	Cast Iron
Grease Amount	30 gr	Terminal Box Material	Aluminium
Grease Type	POLYREX EM	Cable Entry	M50
Feather Key	16*10*100	Cable Gland Position	4
Balance	G 2,5 Half Key		

MECHANICAL DIMENSIONS

A	AA	AB	AC	AD	B	B'	BA	BB	C	D	d	E	EB	F	GA
318	82	68	388	-	305	-	68	357	133	55	M20	110	100	16	59
GD	H	HA	HC	HD	K	K1	L	LA	LB	M	N	P	S	S1	T
10	200	26	403	487	18,5	18,5	770	20	750	350	300	400	18,5	4	5

