
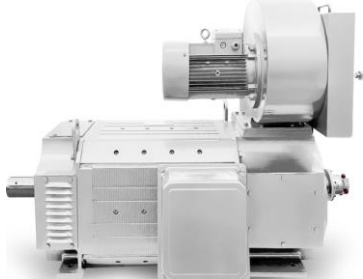
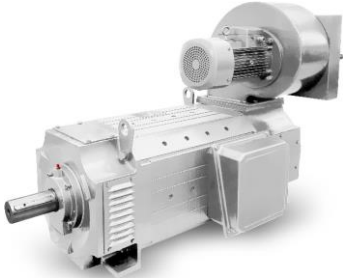


VYBO Electric a.s.								
Data Sheet				No.				
Three Phase Induction Motor				Drawing No.				
Customer								
Client reference								
Type		2GDC-132L-4 7,9kW-52,2kW						
Brand		VYBO Electric						
Identification								
Type:	2GDC-132L-4		Frame:	132		mm		
Power:	7,9-52,2 kW		Poles:	4		P		
Speed range (base speed) at armature voltage	260V	495-1880	rpm	Rated Voltage:	260	- 500	V	
	500 V	1019-3827		Connection:				
Arm. current:	37,9-114 A		Insulation Class:	H				
Torque:	128-151 Nm		Duty:	S1				
Resistance:	0,21-2,14 Ω		Ambient Temperature:	-20~40°C				
Inductance:	3-35 mH		Altitude:	1000 m				
Efficiency:	63,3-89,9 %		Protection Degree:	IP23				
Weight:	177 kg		Cooling:	IC06				
Moment of inertia:	0,14 kg/m ²		Mounting:	IM B (On request)				
			Vibration:	2,8 mm/s				
			Direction of Rotation:	Both				
			Coupling:	Flexible				
			Terminal Box:					
				Bearing Information				
					DE	Commutator End		
				Bearing:	6309-C3	6207-2RS-C3		
				Blower motor data				
				Electric supply	F.L.C. (A)	Output (kW)		
3x380-420 V 50 Hz	0.72	0.26						
Notes / Accessories				Deviation Sheet				
				VYBO Electric		Customer		
Standards								
Specification:	IEC60034-1							
Test:	IEC60034-2							
Noise:	IEC60034-9							
Vibration:	IEC60034-14							
Edition								
Performed		Checked		Date				
Item	Changes			Performed	Checked	Date		

Cont. output	Max. electrical speed	Base speed (min-1) at armature voltage (V)					Rated armature current	Torque	Efficiency	Armature circuit	
		260	400	440	460	500				Inductance	Resistance
(kW)	(min-1)						(A)	(Nm)	(%)	(mH)	(Ohm)
12,0	1460		765				38,5	148	71,8	35	2,14
13,6	1460			860			38,5	148	74,0	35	2,14
14,4	1460				910		38,5	148	75,3	35	2,14
16,4	1460					1019	37,9	145	77,5	35	2,14
7,9	1610	495					43,0	149	63,3	29	1,69
13,9	1610		875				43,0	149	74,5	29	1,69
15,6	1610			980			43,0	149	76,5	29	1,69
16,4	1610				1037		43,0	149	77,7	29	1,69
18,1	1610					1154	42,3	146	79,6	29	1,69
9,2	1830	580					48,0	148	66,6	23	1,35
15,8	1830		1000				48,0	148	76,7	23	1,35
17,7	1830			1125			48,0	148	78,5	23	1,35
18,8	1830				1189		48,0	148	79,6	23	1,35
20,4	1830					1317	47,2	146	81,4	23	1,35
10,9	2080	690					55,0	148	69,8	17	1,05
18,6	2080		1170				55,0	148	78,9	17	1,05
20,7	2080			1310			55,0	148	80,5	17	1,05
21,8	2080				1385		55,0	148	81,2	17	1,05
23,8	2080					1528	54,1	146	83,0	17	1,05
13,3	2470	825					65,0	150	72,5	13	0,8
22,3	2470		1390				65,0	150	80,8	13	0,8
24,9	2470			1550			65,0	150	82,2	13	0,8
26,2	2470				1639		65,0	150	83,1	13	0,8
28,5	2470					1803	63,9	148	84,5	13	0,8
16,5	3000	1045					77,0	148	77,1	9	0,53
27,2	3000		1720				77,0	148	83,8	9	0,53
30,3	3000			1915			77,0	148	84,9	9	0,53
31,8	3000				2016		77,0	148	85,6	9	0,53
34,4	3000					2216	75,7	145	86,7	9	0,53
22,0	3780	1365					98,0	151	81,3	6	0,32
35,6	3780		2215				98,0	151	86,6	6	0,32
39,5	3780			2455			98,0	151	87,5	6	0,32
41,4	3780				2579		98,0	151	88,0	6	0,32
44,6	3780					2827	96,4	148	88,9	6	0,32
26,2	4000	1880					114,0	131	84,1	3	0,21
41,8	4000		3010				114,0	130	88,2	3	0,21
46,3	4000			3330			114,0	130	88,9	3	0,21
48,6	4000				3494		114,0	130	89,2	3	0,21
52,2	4000					3827	112,0	128	89,9	3	0,21

Field loss (hot) = 1030 W

IC06/17/37/86W