

VYBO Electric a.s. Data Sheet No. Direct Current Electric Motor Drawing No.																																																																																																																																																																																		
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Cont. output	Max. electrical speed	Base speed (min-1) at armature voltage (V)						Rated armature current	Torque	Efficiency	Armature circuit	
		400	440	470	520	550	620				Inductance	Resistance
(kW)	(min-1)							(A)	(Nm)	(%)	(mH)	(Ohm)
147,9	745	156	176	190	214	229	262	484	8848	72,4	3,60	0,154
166,3	765							483	8830	74,8		
180,5	765							482	8910	76,3		
205,0	770							480	8966	78,4		
219,3	770							479	8947	79,5		
250,9	775							476	8980	81,7		
204,0	810	203	228	246	276	294	336	633	9408	77,2	2,25	0,096
229,5	810							630	9405	79,1		
247,9	815							629	9423	80,4		
278,5	815							626	9437	82,1		
296,8	820							625	9450	83,0		
338,6	825							620	9431	84,8		
261,1	760	257	287	308	346	367	419	778	9526	80,8	1,46	0,065
290,7	760							775	9499	82,4		
314,2	765							772	9556	83,4		
351,9	765							767	9510	84,9		
372,3	770							765	9510	85,6		
423,3	780							758	9448	87,0		
329,5	1605	349	388	416	465	494	562	931	8830	85,1	0,90	0,039
363,1	1615							925	8771	86,3		
389,6	1625							919	8765	87,0		
432,5	1630							910	8700	88,1		
455,9	1630							905	8647	88,6		
512,0	1630							891	8527	89,7		
436,6	1630	445	493	529	589	626	711	1205	9188	87,4	0,56	0,024
480,4	1630							1194	9122	88,4		
513,1	1630							1185	9076	89,1		
565,1	1630							1168	8977	89,9		
594,7	1630							1158	8890	90,4		
661,0	1630							1133	8706	91,2		
539,6	1630	553	612	657	731	775	880	1465	9136	89,1	0,38	0,016
590,6	1630							1445	9036	90,0		
627,3	1630							1430	8946	90,5		
686,5	1630							1403	8789	91,2		
719,1	1630							1385	8682	91,6		
790,5	1630							1341	8406	92,3		
649,7	1485	676	747	801	892	946	1071	1740	9002	90,6	0,23	0,011
705,8	1515							1705	8845	91,2		
744,6	1540							1678	8703	91,7		
804,8	1585							1630	8448	92,2		
837,4	1620							1598	8287	92,5		
902,7	1630							1520	7887	93,1		
785,4	1380	782	864	927	1030	1093	1237	2085	9403	91,4	0,19	0,008
848,6	1415							2036	9194	92,0		
892,5	1445							1996	9010	92,3		
955,7	1495							1925	8690	92,8		
989,4	1535							1880	8475	93,1		
1051,6	1620							1764	7959	93,5		
808,9	1630	888	982	1051	1168	1238		2125	8525	92,3	0,13	0,006
861,9	1630							2052	8222	92,8		
897,6	1630							1993	7996	93,1		
942,5	1630							1885	7552	93,4		
960,8	1630							1815	7265	93,5		

Field loss (hot) = 8189 W

IC06/17/37/86W