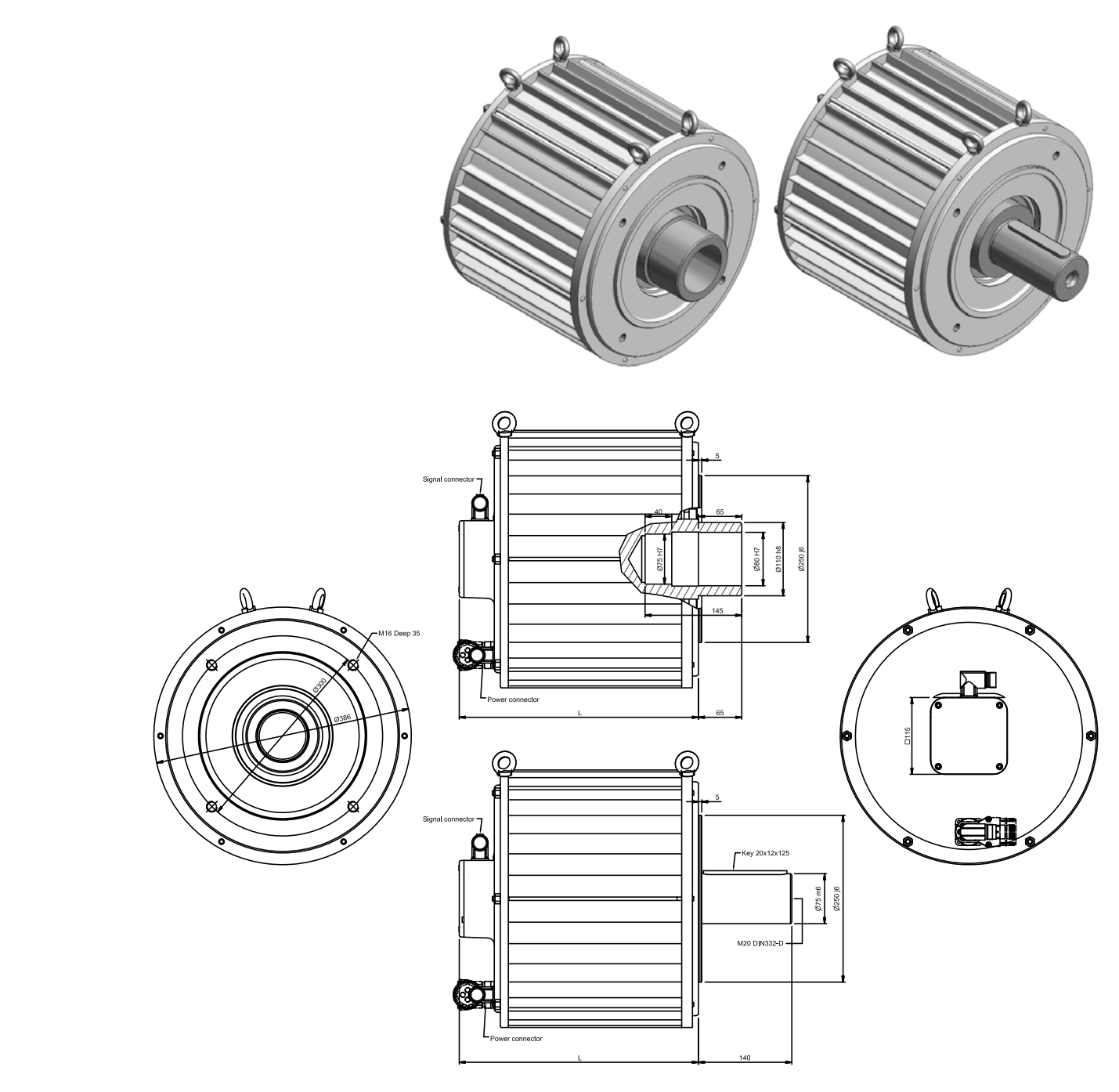


**FOR MAINS VOLTAGE
400 V**



MECHANICAL DATA

Type	Torque Nm	Length (L) mm	Weight Kg
B18.CBP	115	259	63
B18.BCP	225	309	89
B18.325P	325	359	115
B18.420P	420	409	141
B18.510P	510	459	167

FOR MAINS VOLTAGE
400 V

Type	Stall torque ($\Delta t=105^{\circ}\text{C}$)	Rated speed	Rated power	Rated torque ($\Delta t=105^{\circ}\text{C}$)	Peak torque	Maximum speed	Moment of inertia	Peak torque acceleration	Thermal time constant	Thermal protection threshold	Voltage constant	Torque constant	Resistance phase to phase (20°C)	Inductance phase to phase	B.E.M.F. at rated speed	Stall current	Rated current
	M_O Nm	n 1/min	P_n kW	M_n Nm	M_{pk} Nm	n_{max} rpm	J 10^{-4} Kg m^2	a_{pk} rad/sec ²	T_{th} min	ϑ_{max} $^{\circ}\text{C}$	k_e Vs	k_t Nm/A	R_w Ω	L_w mH	E_n Vrms	I_o Arms	I_n Arms
300 min ⁻¹																	
B18.CBP	115	300	3.1	100	345	700	1600	2156	68	140	9.4	16.3	1.90	33.1	295	7	6
B18.BCP	225	300	6.2	196	703	700	3000	2343	95	140	9.4	16.3	0.91	17.9	295	14	12
B18.325P	325	300	8.9	283	1054	700	4400	2395	122	140	9.4	16.3	0.53	11.4	295	20	17
B18.420P	420	300	11.5	365	1405	700	5800	2422	150	140	9.4	16.3	0.38	8.7	295	26	22
B18.510P	510	300	13.9	444	1750	700	7200	2431	177	140	9.4	16.3	0.33	7.1	295	31	27

* The value of inertia is approximate, because it is deeply depending on the type of coupling chosen by the customer.

** The value of stall and rated torque are approximate and depending on the type of coupling system chosen for the application.