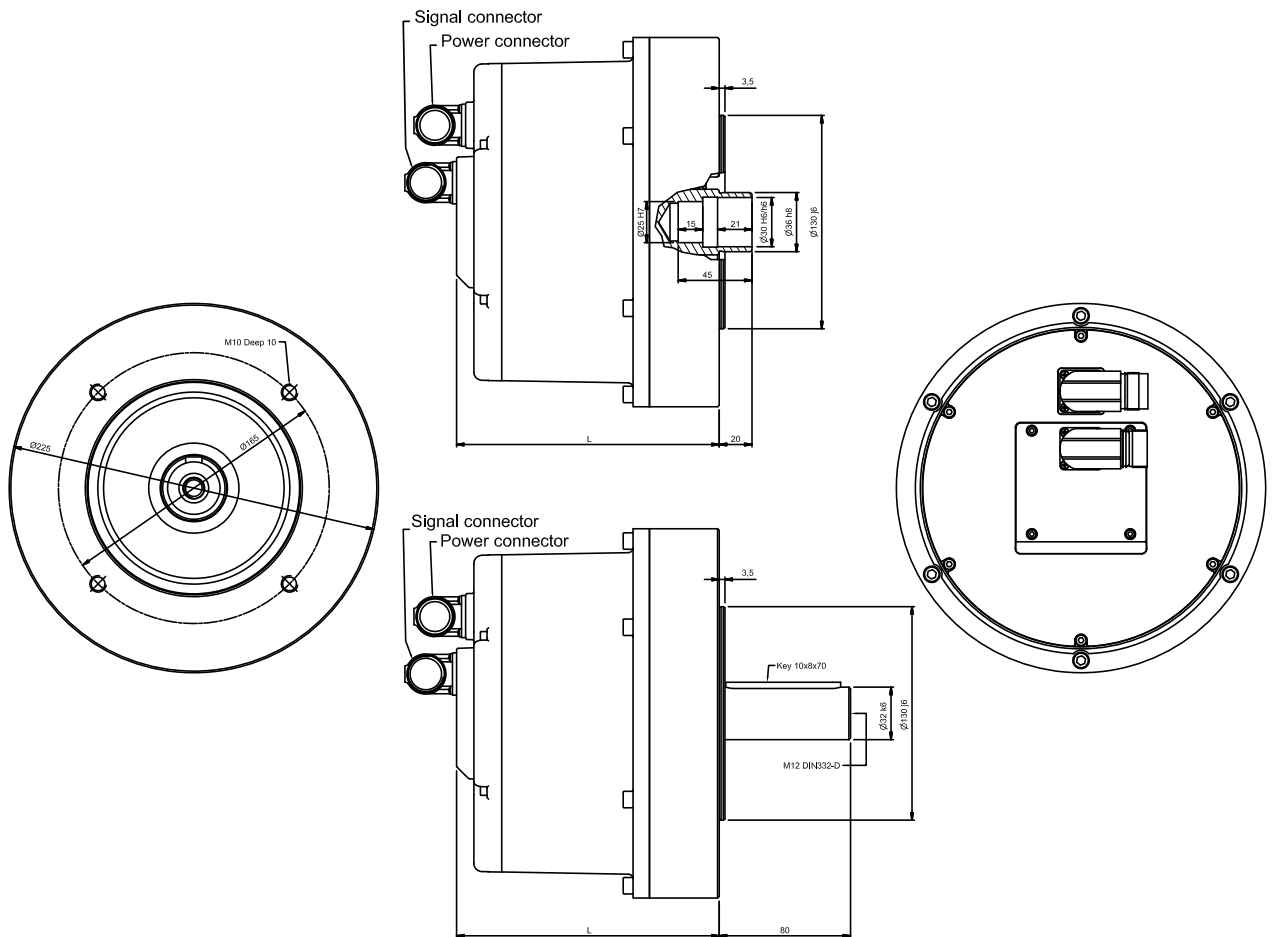
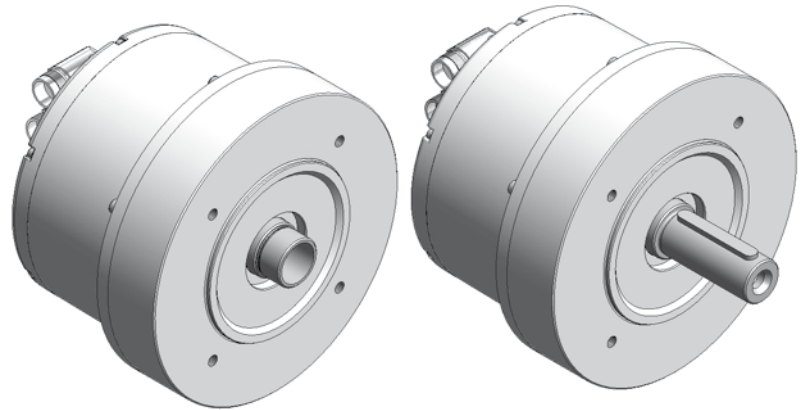


FOR MAINS VOLTAGE
400 V



MECHANICAL DATA

Type	Torque Nm	With RESOLVER (L)		With ENCODER (L)	
		Length mm	Weight kg	Length mm	Weight kg
B10.10P	10	160	15.0	190	15.0
B10.20P	20	160	17.5	190	17.5

TYPE B10P - 12 POLES

FOR MAINS VOLTAGE 400 V

Type	Stall torque ($\Delta t=105^{\circ}\text{C}$) M_o Nm	Rated speed n 1/min	Rated power P_n kW	Rated torque ($\Delta t=105^{\circ}\text{C}$) M_n Nm	Peak torque M_{pk} Nm	Maximum speed n_{max} rpm	Moment of inertia J 10^{-4} Kg m^2	Peak torque acceleration a_{pk} rad/sec 2	Thermal time constant T_{th} min	Thermal protection threshold ϑ_{max} $^{\circ}\text{C}$	Voltage constant k_e Vs	Torque constant k_t Nm/A	Resistance phase to phase (20°C) R_w Ω	Inductance phase to phase L_w mH	B.E.M.F. at rated speed E_n Vrms	Stall current I_o Arms	Rated current I_n Arms
500 min$^{-1}$																	
B10.10P	10	500	0.5	9.6	45	1500	40	11250	40	140	5.60	9.67	45.1	165.4	293	1.03	0.99
B10.20P	20	500	1.0	19.0	90	1500	80	11250	40	140	5.60	9.67	14.4	82.7	293	2.06	1.96
1000 min$^{-1}$																	
B10.10P	10	1000	0.8	8.0	45	1500	40	11250	40	140	2.80	4.85	11.3	41.4	293	2.06	1.65
B10.20P	20	1000	1.6	15.8	90	1500	80	11250	40	140	2.80	4.85	3.6	20.7	293	4.12	3.26

* 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.

