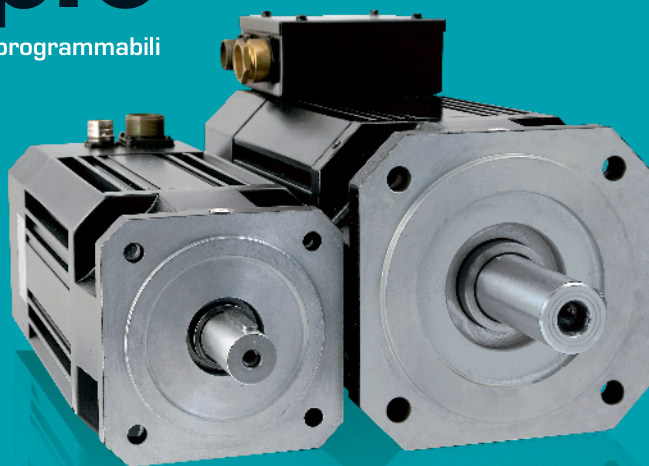


sipro

sistemi programmabili

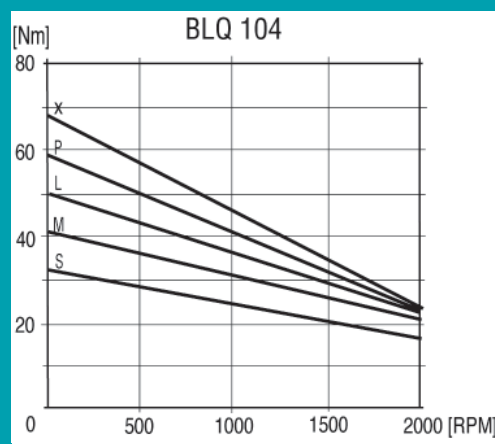
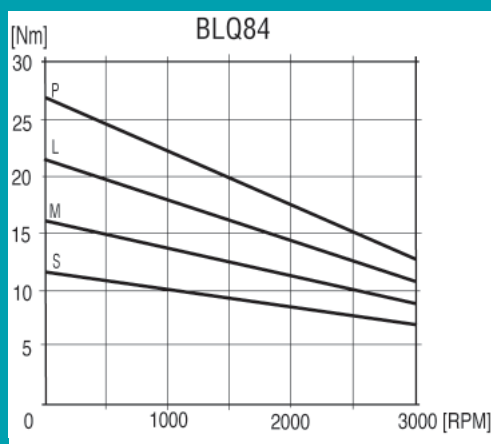


Brushless Servomotors

BLQ84 BLQ104

TIPO TYPE	SIMBOLI SYMBOLS	UNITÀ UNITS	BLQ 84S	BLQ 84M	BLQ 84L	BLQ 84P	BLQ 104S	BLQ 104M	BLQ 104L	BLQ 104P	BLQ 104X
- Tensione alimentazione max - Max supply voltage	V_{RMS}	V	345	345	345	345	345	345	345	345	345
- Velocità nominale - Rated speed	n	RPM	3000	3000	3000	3000	3000	2800	2800	2600	2000
- Coppia rotore bloccato - Continuos stall torque	C_n	Nm	11,5	16	21,5	27	32	41	50	59	68
- Corrente rotore bloccato - Continuos stall current	I_n	A	8,21	12,09	14,92	20,65	25,8	28,9	39,2	38,7	39,8
- Picco di coppia - Peak stall torque	C_p	Nm	35	48	65	81	96	123	150	177	204
- Corrente al picco di coppia - Peak current	I_p	A	28,3	41,7	51,5	71,2	71,1	80,1	135,2	133,5	137,3
F_{cem} B_{emf}	E_{ff}	V/kRPM	89,3	89,3	95,9	86,8	87	98	89	107	125
- Resistenza ai terminali - Terminals resistance	R_{ff}	Ohm	1,2	0,7	0,5	0,3	0,22	0,19	0,12	0,14	0,15
- Induttanza ai terminali - Terminals inductance	L_{ff}	mH	25,1	16,5	13,4	8,5	9,1	8,1	4,9	5,7	6,4
- Momento di inerzia - Moment of inertia	J	Kgcm ²	26	38	50	62	120	160	200	240	280
- Coppia freno di stazionamento - Torque emergency brake	-	Nm	20	20	20	20	40	40	40	40	40
- Peso - Weight	W	Kg	20	25	30	35	52	60	68	76	84

- Tolleranza $\pm 8\%$
- Tolerance $\pm 8\%$

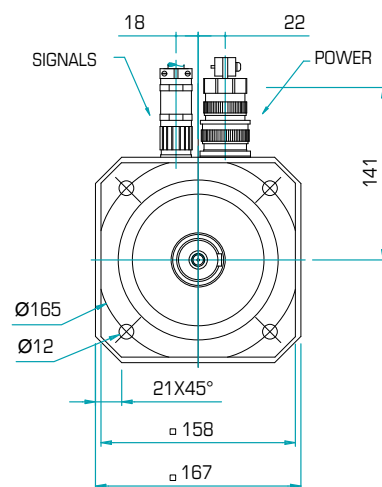
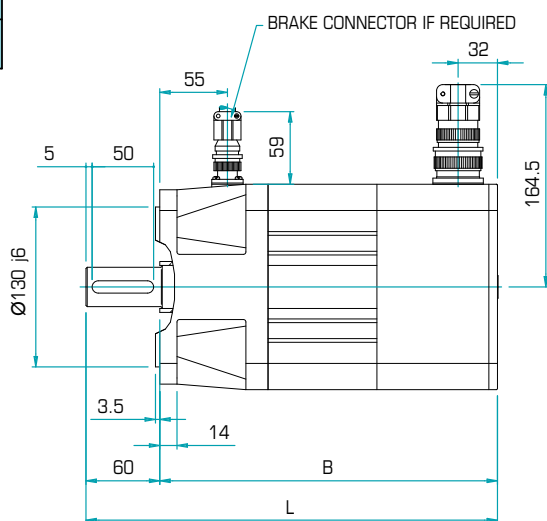
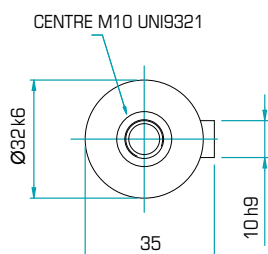


Highlights

- Statore trifase a stella
- rotore 6 poli con magneti NeFeB.
- Grado di protezione IP54 - isolamento classe F.
- Esecuzione non ventilata IC400
- protezione termica con termoprotettore a contatto NC.
- Retroazione da resolver - Optional encoder assoluto.
- Three-phase star stator
- 6 poles rotor with NeFeB magnets.
- Degree of protection IP54 - F class insulation.
- TENV execution IC400
- normally-closed contact foreseen for thermal protection.
- Feedback from resolver – Optional absolute encoder.

BLQ84

QUOTAS			
		B	L
LENGHT	S	275	335
	M	314	374
	L	353	413
	P	391	451
QUOTAS B-L INCREASES 45 mm IN BRAKE VERSION			



BLQ104

QUOTAS			
		B	L
LENGHT	S	374	456
	M	419	501
	L	464	546
	P	509	591
	X	554	636
QUOTAS B-L INCREASES 45 mm IN BRAKE VERSION			

