DATI ELETTRICI E PRESTAZIONI — *ELECTRICAL DATA AND PERFORMANCES*

Grado di protezione / *Degree of protection* **IP23**
Tipo di raffreddamento / *Type of cooling*[3] **IC06**

n_n rpm	Motore *Motor*	P_n kW	V_n V	I_n A	F_n Hz	M_n Nm	η %	n_1 [1] rpm	n_2 [1) 2)] rpm	n_3 [1] rpm	M_{max} Nm	J Kgm^2	W kg
500	BQAr355S	263	400	485	25	5016	92.0	1000	1250	2200	10000	24.5	2300
	BQAr355M	305		562		5820	92.1				11500	28.5	2700
	BQAr355L	351		646		6695	92.2				13000	32.5	3100
	BQAr355P	394		725		7534	92.3				14500	36.5	3500
	BQAr355S	253	690	284	25	4834	92.0	1000	1250	2200	10000	24.5	2300
	BQAr355M	291		326		5562	92.1				11500	28.5	2700
	BQAr355L	340		380		6497	92.2				13000	32.5	3100
	BQAr355P	382		408		7302	92.3				14500	36.5	3500

n_n rpm	Motore *Motor*	P_n kW	V_n V	I_n A	F_n Hz	M_n Nm	η %	n_1 [1] rpm	n_2 [1) 2)] rpm	n_3 [1] rpm	M_{max} Nm	J Kgm^2	W kg
500	BQAr400S	412	690	431	25	7716	93.0	1000	1250	2200	15000	48	3700
	BQAr400M	464		485		8686	93.1				17000	54	4200
	BQAr400L	515		538		9646	93.2				18000	60	4700
	BQAr450S	566	690	589	25	10605	93.5	1000	1250	2200	20000	67	5000
	BQAr450M	644		670		12070	93.6				24000	76	5630
	BQAr450L	772		802		14463	93.7				28000	88	6560
	BQAr500S	901	690	933	25	16882	94.0	1000	1250	2000	32000	119	7350
	BQAr500M	1030		1065		19291	94.1				38000	138	8500
	BQAr500L	1159		1197		21705	94.2				42000	157	9650

n_n rpm	Motore *Motor*	P_n kW	V_n V	I_n A	F_n Hz	M_n Nm	η %	n_1 [1] rpm	n_2 [1) 2)] rpm	n_3 [1] rpm	M_{max} Nm	J Kgm^2	W kg
750	BQAr355S	386	400	701	37,5	4919	93.7	1500	1800	2200	10000	24.5	2300
	BQAr355M	448		813		5707	93.7				11500	28.5	2700
	BQAr355L	516		934		6565	93.9				13000	32.5	3100
	BQAr355P	580		1074		7388	94,0				14500	36.5	3500
	BQAr355S	373	690	392	37,5	4749	93.7	1500	1800	2200	10000	24.5	2300
	BQAr355M	428		451		5454	93.7				11500	28.5	2700
	BQAr355L	500		525		6363	93.9				13000	32.5	3100
	BQAr355P	562		590		7161	94.0				14500	36.5	3500

n_n rpm	Motore *Motor*	P_n kW	V_n V	I_n A	F_n Hz	M_n Nm	η %	n_1 [1] rpm	n_2 [1) 2)] rpm	n_3 [1] rpm	M_{max} Nm	J Kgm^2	W kg
750	BQAr400S	606	690	617	37.5	7716	94.5	1500	1800	2200	15000	48	3700
	BQAr400M	682		694		8686	94.6				17000	54	4200
	BQAr400L	758		769		9646	94.7				18000	60	4700
	BQAr450S	833	690	843	37.5	10605	95.1	1500	1800	2200	20000	67	5000
	BQAr450M	948		959		12070	95.2				24000	76	5630
	BQAr450L	1136		1148		14463	95.3				28000	88	6560
	BQAr500S	1326	690	1335	37.5	16882	95.5	1500	1800	2000	32000	119	7350
	BQAr500M	1515		1524		19291	95.6				38000	138	8500
	BQAr500L	1705		1713		21705	95.7				42000	157	9650

Note: 1) valore massimo continuativo con cuscinetti standard tra (parentesi); per altri cuscinetti il limite si estende o si riduce (vedere capitolo B).
2) per utilizzo fino a n_2 il motore deve avere avvolgimento *ad hoc* e la corrente nominale sarà circa +20%
3) Per metodi di raffreddamento diversi fare riferimento alla sezione B11

Notes: 1) maximum continuous with standard bearings between (brackets); with different type of bearings, this limit is either extended or reduced (please refer to section B).
2) to use the motor up to n_2 a specific winding might be required and the rated current is +20%, roughly
3) For different cooling systems refer to B11

Attenzione:
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DATI ELETTRICI E PRESTAZIONI — *ELECTRICAL DATA AND PERFORMANCES*

Grado di protezione / *Degree of protection* **IP23**
Tipo di raffreddamento / *Type of cooling*[3] **IC06**

n_n rpm	Motore *Motor*	P_n kW	V_n V	I_n A	F_n Hz	M_n Nm	η %	n_1 [1] rpm	n_2 [1) 2)] rpm	n_3 [1] rpm	M_{max} Nm	J Kgm^2	W kg
1000	BQAr355S	510	400	897	50	4870	96.6	2000	2200	2200	10000	24.5	2300
	BQAr355M	592		1041		5650	96.6				11500	28.5	2700
	BQAr355L	681		1195		6500	96.8				13000	32.5	3100
	BQAr355P	766		1344		7314	96.8				14500	36.5	3500
	BQAr355S	492	690	502	50	4700	96.6	2000	2200	2200	10000	24.5	2300
	BQAr355M	565		577		5400	96.6				11500	28.5	2700
	BQAr355L	660		672		6300	96.8				13000	32.5	3100
	BQAr355P	742		756		7090	96.8				14500	36.5	3500

n_n rpm	Motore *Motor*	P_n kW	V_n V	I_n A	F_n Hz	M_n Nm	η %	n_1 [1] rpm	n_2 [1) 2)] rpm	n_3 [1] rpm	M_{max} Nm	J Kgm^2	W kg
1000	BQAr400S	800	690	775	50	7640	97.0	2000	2200	2200	15000	48	3700
	BQAr400M	900		872		8600	97.1				17000	54	4200
	BQAr400L	1000		967		9550	97.2				18000	60	4700
	BQAr450S	1100	690	1061	50	10500	97.4	2000	2200	2200	20000	67	5000
	BQAr450M	1250		1207		11950	97.5				24000	76	5630
	BQAr450L	1500		1446		14320	97.5				28000	88	6560
	BQAr500S	1750	690	1688	50	16715	97.5	2000	2000	2000	32000	119	7350
	BQAr500M	2000		1927		19100	97.6				38000	138	8500
	BQAr500L	2250		2168		21490	97.6				42000	157	9650

n_n rpm	Motore *Motor*	P_n kW	V_n V	I_n A	F_n Hz	M_n Nm	η %	n_1 [1] rpm	n_2 [1) 2)] rpm	n_3 [1] rpm	M_{max} Nm	J Kgm^2	W kg
1250	BQAr355S	625	400	1099	62,5	4773	96.6	2200		2200	10000	24.5	2300
	BQAr355M	725		1275		5537	96.6				11500	28.5	2700
	BQAr355L	834		1464		6370	96.8				13000	32.5	3100
	BQAr355P	938		1647		7168	96.8				14500	36.5	3500
	BQAr355S	603	690	615	62,5	4606	96.6	2200		2200	10000	24.5	2300
	BQAr355M	693		707		5292	96.6				11500	28.5	2700
	BQAr355L	808		823		6174	96.8				13000	32.5	3100
	BQAr355P	909		926		6948	96.8				14500	36.5	3500

n_n rpm	Motore *Motor*	P_n kW	V_n V	I_n A	F_n Hz	M_n Nm	η %	n_1 [1] rpm	n_2 [1) 2)] rpm	n_3 [1] rpm	M_{max} Nm	J Kgm^2	W kg
1250	BQAr400S	980	690	944	62.5	7487	97.5	2200		2200	15000	48	3700
	BQAr400M	1103		1063		8428	97.5				17000	54	4200
	BQAr400L	1225		1180		9359	97.5				18000	60	4700
	BQAr450S	1347	690	1297	62.5	10290	97.5	2200		2200	20000	67	5000
	BQAr450M	1533		1477		11711	97.5				24000	76	5630
	BQAr450L	1837		1770		14034	97.5				28000	88	6560
	BQAr500S	2144	690	2065	62.5	16381	97.5	2000		2000	32000	119	7350
	BQAr500M	2450		2360		18718	97.5				38000	138	8500
	BQAr500L	2757		2656		21060	97.5				42000	157	9650

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Grado di protezione / *Degree of protection* **IP23**
Tipo di raffreddamento / *Type of cooling*[3] **IC06**

n_n rpm	Motore *Motor*	P_n kW	V_n V	I_n A	F_n Hz	M_n Nm	η %	n_1 [1] rpm	n_2 [1) 2)] rpm	n_3 [1] rpm	M_{max} Nm	J Kgm^2	W kg
1500	BQAr355S	727	400	1278	75	4627	96.7	2200		2200	10000	24.5	2300
	BQAr355M	843		1482		5368	96.7				11500	28.5	2700
	BQAr355L	970		1705		6175	96.7				13000	32.5	3100
	BQAr355P	1088		1918		6931	96.7				14500	36.5	3500
	BQAr355S	701	690	715	75	4465	96.7	2200		2200	10000	24.5	2300
	BQAr355M	806		821		5130	96.7				11500	28.5	2700
	BQAr355L	940		958		5985	96.7				13000	32.5	3100
	BQAr355P	1055		1077		6717	96.7				14500	36.5	3500

n_n rpm	Motore *Motor*	P_n kW	V_n V	I_n A	F_n Hz	M_n Nm	η %	n_1 [1] rpm	n_2 [1) 2)] rpm	n_3 [1] rpm	M_{max} Nm	J Kgm^2	W kg
1500	BQAr400S	1137	690	1095	75	7239	97.6	2200		2200	15000	48	3700
	BQAr400M	1280		1233		8149	97.6				17000	54	4200
	BQAr400L	1421		1369		9050	97.6				18000	60	4700
	BQAr450S	1563	690	1505	75	9950	97.6	2200		2200	20000	67	5000
	BQAr450M	1779		1713		11323	97.6				24000	76	5630
	BQAr450L	2131		2053		13568	97.6				28000	88	6560
	BQAr500S	2488	690	2396	75	15837	97.6	2000		2000	32000	119	7350
	BQAr500M	2843		2738		18097	97.6				38000	138	8500
	BQAr500L	3198		3081		20362	97.6				42000	157	9650

n_n rpm	Motore *Motor*	P_n kW	V_n V	I_n A	F_n Hz	M_n Nm	η %	n_1 [1] rpm	n_2 [1) 2)] rpm	n_3 [1] rpm	M_{max} Nm	J Kgm^2	W kg
1800	BQAr355S	835	400	1469	90	4432	96.7	2200		2200	10000	24.5	2300
	BQAr355M	969		1704		5142	96.7				11500	28.5	2700
	BQAr355L	1115		1960		5915	96.7				13000	32.5	3100
	BQAr355P	1243		2205		6598	96.7				14500	36.5	3500
	BQAr355S	806	690	822	90	4277	96.7	2200		2200	10000	24.5	2300
	BQAr355M	926		944		4914	96.7				11500	28.5	2700
	BQAr355L	1081		1101		5733	96.7				13000	32.5	3100
	BQAr355P	1205		1238		6395	96.7				14500	36.5	3500

n_n rpm	Motore *Motor*	P_n kW	V_n V	I_n A	F_n Hz	M_n Nm	η %	n_1 [1] rpm	n_2 [1) 2)] rpm	n_3 [1] rpm	M_{max} Nm	J Kgm^2	W kg
1800	BQAr400S	1298	690	1260	90	6891	97.6	2200		2200	15000	48	3700
	BQAr400M	1462		1405		7757	97.6				17000	54	4200
	BQAr400L	1624		1564		8614	97.6				18000	60	4700
	BQAr450S	1785	690	1720	90	9471	97.6	2200		2200	20000	67	5000
	BQAr450M	2032		1957		10779	97.6				24000	76	5630
	BQAr450L	2435		2345		12917	97.6				28000	88	6560
	BQAr500S	2842	690	2738	90	15077	97.6	2000		2000	32000	119	7350
	BQAr500M	3247		3128		17228	97.6				38000	138	8500
	BQAr500L	3654		3520		19384	97.6				42000	157	9650

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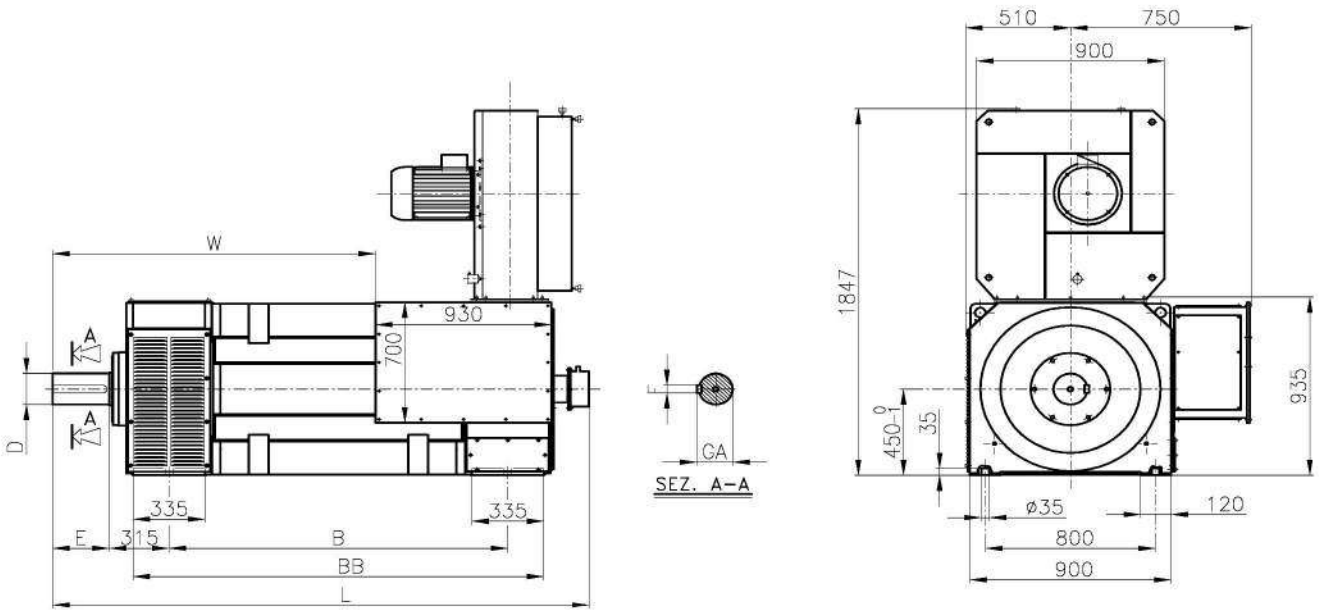
BQAr / BQCr 450 — DIMENSIONI DI INGOMBRO - *OVERALL DIMENSIONS* — Dimensions [mm]



Size	B	D	E	F	GA	L	BB	W
450S	1140	160^{m6}	300	40	169	2240	1580	1000
450M	1240					2340	1680	1100
450L	1390					2490	1830	1250

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