

MODELO	612A
Ø VEIO SAÍDA	35 mm
RÁCIO APROXIMADO	25
RÁCIO EXATO	24.61
VELOCIDADE SAÍDA	58 RPM
VELOCIDADE SAÍDA EXATA	59 RPM
POTÊNCIA ENTRADA	1.50 KW
ROTAÇÃO ENTRADA	1400 RPM
PAM ENTRADA	90B5
TORQUE SAÍDA	241.72 N.m
TORQUE NOMINAL	520.00 N.m
POTÊNCIA NOMINAL	3.2 KW
FATOR SERVIÇO	2.13
EFICIÊNCIA DINÂMICA	0.96

QUANTIDADE DE ÓLEO (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
0.8	1	1.2	1.2	1.3	1.35

CARGAS RADIAIS E AXIAIS



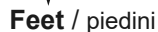
n_2 [min-1]	F_A [N]	F_R [N]
300	560	2800
200	640	3200
120	760	3800
15	1300	6500

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Gearbox weight peso riduttore	With flange	14.1 kg
	With feet	14.5 kg



Feet Code	Market reference	G	H	R	L	S	H1	O	Øl	S2 only with motor flange	B5 max. Flange	kit code
B4	412/3	20	130	180	149.5	216	242	18	14	-	-	KC60.9.024
S4	47-57	30	115	135	165	170	227	25	14	13 132B5	-	KC50.9.022
M3	62/3	35	120	170+185	110	230	232	20	14	8 132B5	-	KC60.9.023
S7	77	35	140	170	205	204	252	8	14	-	-	KC60.9.029LM
H4	024-243	35	155	170	150	225	267	30	14	-	-	KC60.9.025

 Most popular types
Tipi più diffusi

Technical drawing of the KC50.9.011 motor showing front, side, and detail views with dimensions.

Front View (Left): Shows the motor's base with dimensions $p1$ (width) and x (center-to-center distance).

Side View (Middle): Shows the motor's profile with dimensions $h1$ (total height), $d1$ (base diameter), and a **Detail Y** callout.

Detail Y (Top Left): A magnified view of the mounting flange with dimensions **8.5 with KC50.9.011** (total width) and **2.5** (flange thickness).

Side View (Right): Shows the motor's profile with dimensions $a1$ (total height), $b1$ (height to center of shaft), $f7$ (flange thickness), $f1$ (shaft diameter), $c1$ (shaft length), **67.5** (total length), **61.5 with KC50.9.011** (length to center of shaft), **16.3** (flange diameter), $R1$ (radius), and **96** (total height).

***Available output shaft / Albero di uscita**

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	Shaft - d1	p1	h1	x
Standard	ø 35x70	10	38	M10x22
On request A richiesta	ø 28x60	8	31	M8x20
	ø 30x60	8	33	M10x22
	ø 38x70	10	41	M10x25
	ø 40x80	12	43	M12x28

Available output flanges / flange di uscita

a1 Ø	b1	c1	e1	f1	s1	kit code
160	110	14	130	3.5	11	KC50.9.011
200	130	13	164	3.5	11	KC50.9.012
250	180	15.5	215	4	14	KC50.9.013

With flange and feet only on request. Ask for compatibility

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Technical drawing of the B14 motor flange assembly, showing side and top views with dimensions.

Side View Dimensions:

- Total length: 219
- Mounting flange diameter: 123
- Central shaft diameter: $\varnothing 35$ h6
- Mounting flange thickness: 96
- Motor flange thickness: 15.5
- Motor flange width: 60
- Motor flange width: 70
- Motor flange width: 12.5
- Motor flange width: 16.3
- Motor flange width: 5
- Motor flange width: 10
- Motor flange width: 38

Top View Dimensions:

- Motor flange side length: 181.5
- Motor flange side length: 69.5
- Motor flange side length: 65°
- Motor flange side length: 50°
- Motor flange side length: $\varnothing 123$

Labels:

- Suggested B14 motor flanges
- N.5 M10x17
- M10x22

Technical drawing of the 1000 series ball bearing unit, showing front and side views with dimensions:

- Front View Dimensions:**
 - Overall width: 231
 - Overall height: 106 h8
 - Internal width (between mounting surfaces): 124
 - Internal height (between mounting surfaces): 78
 - Mounting hole diameter: M12x20
 - Distance from mounting hole to center: 63
 - Distance from center to mounting hole: 83
- Side View Dimensions:**
 - Overall depth: 50
 - Distance from mounting surface to center: 40
 - Distance from center to mounting surface: 5
 - Distance from mounting surface to center (alternative): 24 h6
 - Mounting hole diameter: M6x16
 - Distance from mounting hole to center: 8
 - Distance from center to mounting hole: 27

B5 Motor Flanges	A	C_{max}	g6	k1	kit code	k1 with KC50.9.011	B14 Motor Flanges	A	C_{max}	g6	k1	kit code	k1 with KC50.9.011
71 B5	237.5	251.3	160	240	K023.4.041	246	80 B14	239.5	231.3	120	242	K085.4.046	248
80/90 B5	239.5	271.3	200	242	K023.4.042	248	90 B14	239.5	241.3	140	242	K085.4.045	248
100/112 B5	248.5	296.3	250	251	K023.4.043	257	100/112 B14	248.5	251.3	160	251	K085.4.047	257
132 B5	269.5	321.3	300	269	KC51.4.043	275	132 B14	269.5	271.3	200	269	KC51.4.041	275