

MODELO	612A	
Ø EJE DE SALIDA	35	mm
RELACIÓN APROXIMADA	17	
RELACIÓN EXACTA	16.62	
VELOCIDAD DE SALIDA	86	RPM
VELOCIDAD DE SALIDA EXACTA	88	RPM
POTENCIA DE ENTRADA	1.50	KW
ROTACIÓN DE ENTRADA	1400	RPM
PAM DE ENTRADA	90B5	
PAR DE SALIDA	163.24	N.m
PAR NOMINAL	515.00	N.m
POTENCIA NOMINAL	4.7	KW
FACTOR DE SERVICIO	3.13	
EFICIENCIA DINÁMICA	0.96	

Cantidad de Aceite (L)

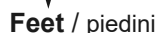
B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
0.8	1	1.2	1.2	1.3	1.35

Cargas Radiales y Axiales



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

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

The technical drawing illustrates the KC50.9.011 motor from three perspectives:

- Front View (Left):** Shows a circular motor body with a central shaft labeled 'x' and a mounting flange labeled 'p1'.
- Side View (Middle):** A cross-sectional view showing internal components. Key dimensions include:
 - 8.5 with KC50.9.011:** Total width of the motor housing.
 - 2.5:** Thickness of the outer housing wall.
 - d1:** Diameter of the internal shaft or core.
 - h1:** Height of the internal component.
 - Detail Y:** Points to a specific feature on the inner wall.
- End View / Detail (Right):** Shows the motor's profile with various mounting and structural features. Dimensions include:
 - a1:** Total height of the motor assembly.
 - b1 f7:** Distance from the base to the center of the shaft.
 - f1:** Flange thickness.
 - c1:** Base mounting distance.
 - 67.5:** Dimension from the base to the start of the main body.
 - 61.5 with KC50.9.011:** Overall length of the motor.
 - 16.3:** Width of the cooling fins.
 - K1:** Total length of the motor housing.
 - g6:** Diameter of the rear mounting flange.

*Available output shaft / Albero di uscita

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

	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 thickness: 96
- Central shaft diameter: $\varnothing 35$ h6
- Flange thickness: 15.5
- Flange width: 60
- Flange offset: 5
- Flange width: 70
- Flange offset: 12.5
- Flange width: 16.3
- Flange offset: 10
- Flange width: 38
- Flange offset: 10

Top View Dimensions:

- Flange side length: 123 ($\varnothing 123$)
- Central hole diameter: 69.5
- Flange thickness: 181.5
- Flange offset: 69.5
- Flange offset: 65°
- Flange offset: 50°
- Flange offset: 10
- Flange offset: 38
- Flange offset: 10

Labels:

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

B5 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
80/90 B5	239.5	271.3	200	242	K023.4.042	248
100/112 B5	248.5	296.3	250	251	K023.4.043	257
132 B5	269.5	321.3	300	269	KC51.4.043	275