

MODELO	612A	
Ø EJE DE SALIDA	35	mm
RELACIÓN APROXIMADA	40	
RELACIÓN EXACTA	40.50	
VELOCIDAD DE SALIDA	37	RPM
VELOCIDAD DE SALIDA EXACTA	36	RPM
POTENCIA DE ENTRADA	1.10	KW
ROTACIÓN DE ENTRADA	1400	RPM
PAM DE ENTRADA	90B5	
PAR DE SALIDA	291.72	N.m
PAR NOMINAL	320.00	N.m
POTENCIA NOMINAL	1.2	KW
FACTOR DE SERVICIO	1.09	
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]	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 circular face with a central shaft. Dimensions include $p1$ (shaft diameter) and x (center of gravity).

Side View (Middle): Shows the motor's profile. Dimensions include $h1$ (total height), $d1$ (base diameter), and 2.5 (base thickness). A circular detail is shown with the label "Detail Y".

Detail Y (Top): A magnified view of the base mounting flange. Dimensions include 8.5 (flange thickness) and 61.5 (flange diameter) with KC50.9.011.

Side View (Right): Shows the motor's profile from the opposite side. Dimensions include $a1$ (total height), $b1$ (height to base), $f7$ (base thickness), $f1$ (flange thickness), $c1$ (base diameter), 67.5 (base diameter), 16.3 (flange diameter), 96 (total height), and $K1$ (flange diameter).

Bottom View (Bottom): Shows the motor's base. Dimensions include 67.5 (base diameter) and 61.5 (flange diameter) with KC50.9.011.

***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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B14

Riduttore base

Suggested B14 motor flanges

N.5 M10x17

Dimensions:

- Total length: 219
- Flange thickness: g6
- Shaft diameter: $\varnothing 35$ h6
- Shaft thread: M10x22
- Key width: 10
- Key height: 38
- Distance from shaft end to first step: 15.5
- Distance between steps: 60
- Distance from keyway to end face: 5
- Distance from keyway to centerline: 70
- Distance from keyway to end face: 12.5
- Internal thread: N.5 M10x17
- Angle: 65°
- Angle: 50°
- Outer diameter: $\varnothing 123$
- Inner diameter: 69.5
- Total height: 181.5

[illegible]

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