

Technical Data Sheet
Gearbox
INLINE GEARBOX



MODEL	612A
Ø OUTPUT SHAFT	35 mm
APPROXIMATE RATIO	20
EXACT RATIO	20.10
OUTPUT SPEED	73 RPM
EXACT OUTPUT SPEED	73 RPM
INPUT POWER	4.00 KW
INPUT ROTATION	1400 RPM
INPUT PAM	112B5
OUTPUT TORQUE	526.47 N.m
NOMINAL TORQUE	520.00 N.m
NOMINAL POWER	4 KW
SERVICE FACTOR	1.00
DYNAMIC EFFICIENCY	0.96

Oil Quantity (L)

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

Radial and Axial Loads



n_2 [min-1]	FA [N]	FR [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



Other feet are available,
see our web site
Sono disponibili altri piedini,
consulta il nostro sito web

 Most popular types
Tipi più diffusi

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

Front View Dimensions:

- Overall width: 8.5 with KC50.9.011
- Mounting flange thickness: 2.5
- Flange height: h1
- Flange diameter: d1
- Shaft diameter: p1
- Shaft end view: x

Side View Dimensions:

- Overall height: 96
- Mounting flange thickness: 16.3
- Flange diameter: f1
- Shaft diameter: c1
- Shaft length: 67.5
- Shaft end view: x

Detail Y Dimensions:

- Overall height: a1
- Mounting flange thickness: b1 f7
- Flange diameter: f1
- Shaft diameter: c1
- Shaft length: 61.5 with KC50.9.011
- Shaft end view: x

***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

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

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
- Shaft key width: 10
- Shaft key height: 38
- Flange outer diameter: $\varnothing 123$
- Flange mounting holes: N.5 M10x17
- Mounting hole diameter: 69.5
- Mounting hole pitch circle diameter: 181.5
- Mounting hole angle: 65°
- Mounting hole offset from center: 50°
- Internal thread: 16.3
- Internal thread length: 12.5
- Internal thread offset from shaft: 70
- Internal thread offset from flange face: 60
- Internal thread offset from shaft end: 15.5
- Internal thread offset from flange face: 5

[illegible]5-20