

Technical Data Sheet
Gearbox
INLINE GEARBOX



MODEL	512A
Ø OUTPUT SHAFT	30 mm
APPROXIMATE RATIO	30
EXACT RATIO	29.41
OUTPUT SPEED	49 RPM
EXACT OUTPUT SPEED	50 RPM
INPUT POWER	0.55 KW
INPUT ROTATION	1400 RPM
INPUT PAM	80B5
OUTPUT TORQUE	105.92 N.m
NOMINAL TORQUE	354.00 N.m
NOMINAL POWER	1.8 KW
SERVICE FACTOR	3.27
DYNAMIC EFFICIENCY	0.96

Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
0.7	0.8	1.15	1.2	1.15	1.25

Radial and Axial Loads



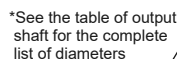
n_2 [min-1]	F_A [N]	F_R [N]
300	460	2300
200	520	2600
120	620	3100
15	1000	5000

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Gearbox weight peso riduttore	With flange	11.7 kg
	With feet	11.9 Kg



Feet Code	Market reference	G	H	R	L	S	H1	O	Øl	S2 only with motor flange	B5 max. Flange	kit code
B3	312/3	18	110	160	130	190	211	20	11	10 100/112B5 35 132B5	-	KC50.9.024
B4	30/35	20	130	180	149.5	216	231	18	14	15 132B5	-	KC60.9.024
S4	47-57	30	115	135	165	170	216	25	14	5 100/112B5 30 132B5	-	KC50.9.022
H3	023-233	30	130	135	135	185	231	25	14	15 132B5	-	KC50.9.025
M2	52/3	30	110	135-150	100	190	211	18	11	10 100/112B5 35 132B5	-	KC50.9.023

 Most popular types
Tipi più diffusi

Technical drawing of a wheel hub assembly. The drawing shows a cross-section of the hub with six mounting points. Dimension s_1 is indicated as the distance from the center to the mounting points. Dimension e_1 is indicated as the distance from the center to the outer edge of the hub.

	Shaft - d1	p1	h1	x
Standard	ø 30x60	8	33	M10x22
On request A richiesta	ø 24x50	8	27	M8x19
	ø 25x50	8	28	M8x19
	ø 28x60	8	31	M8x19
	ø 35x60	10	38	M10x22

a1 ø	b1	c1	e1	f1	s1	kit code
160	110	14	130	3.5	11	KC50.9.011
200	130	13	165	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

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

Side View Dimensions:

- Overall length: 209
- Flange thickness: 15.5
- Flange diameter: $\phi 30$
- Flange hole diameter: $\phi 8$
- Flange hole position: 5
- Motor body diameter: 50
- Motor body hole diameter: 5.3
- Motor body hole position: 60
- Motor body length: 12
- Motor body hole diameter: $\phi 30$
- Motor body hole position: h6
- Motor body hole diameter: M10x22

Front View Dimensions:

- Overall diameter: $\phi 123$
- Flange diameter: 170.5
- Flange hole diameter: N.5 M10x17
- Flange hole position: 69.5
- Flange hole position: 65°
- Flange hole position: 50°

Labels:

- Suggested B14 motor flanges
- g6

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