

Technical Data Sheet
Gearbox
INLINE GEARBOX



MODEL	513A
Ø OUTPUT SHAFT	30 mm
APPROXIMATE RATIO	40
EXACT RATIO	39.79
OUTPUT SPEED	37 RPM
EXACT OUTPUT SPEED	37 RPM
INPUT POWER	0.55 KW
INPUT ROTATION	1400 RPM
INPUT PAM	80B14
OUTPUT TORQUE	140.32 N.m
NOMINAL TORQUE	373.00 N.m
NOMINAL POWER	1.5 KW
SERVICE FACTOR	2.73
DYNAMIC EFFICIENCY	0.94

Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
1	0.9	1.28	1.15	1.45	1.4

Radial and Axial Loads



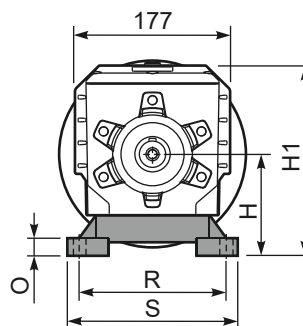
n_2 [min-1]	F_A [N]	F_R [N]
300	460	2300
200	520	2600
120	620	3100
15	1000	5000

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Gearbox weight	With flange 11.9 kg
peso riduttore	With feet 12.1 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	-	-	KC50.9.024
B4	30/35	20	130	180	149.5	216	231	18	14	-	-	KC60.9.024
S4	47-57	30	115	135	165	170	216	25	14	-	-	KC50.9.022
H3	023-233	30	130	135	135	185	231	25	14	-	-	KC50.9.025
M2	52/3	30	110	135-150	100	190	211	18	11	-	-	KC50.9.023

 Most popular types
Tipi più diffusi

Technical drawing of the output shaft assembly. The drawing includes a front view on the left showing dimensions $p1$ and x . A circular detail view labeled "Detail Y" shows dimensions $h1$, $d1$, and a 2.5 offset. The main side view shows dimensions $a1$, $b1$, $f7$, $f1$, $c1$, 57.5 , 15 , $g6$, and $K1$. Callouts indicate dimensions of 8.5 with KC50.9.011 and 51.5 with KC50.9.011.

	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:

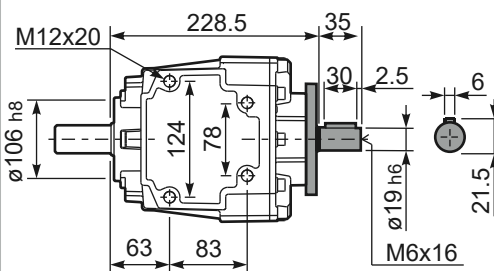
- Overall length: 217.5
- Flange thickness: 9.6
- Motor flange diameter: $\phi 123$
- Shaft diameter: $\phi 30$ h6
- Shaft thread: M10x22
- Shaft length: 15.5
- Shaft diameter: 50
- Shaft diameter: 60
- Shaft diameter: 12
- Shaft diameter: 15.5
- Shaft diameter: 15
- Shaft diameter: 12

Front View Dimensions:

- Overall diameter: 170.5
- Flange diameter: 69.5
- Flange thickness: 9.6
- Flange diameter: 123
- Flange diameter: 15.5
- Flange diameter: 15
- Flange diameter: 12
- Flange diameter: 15.5
- Flange diameter: 15
- Flange diameter: 12

Other Dimensions:

- Flange diameter: 15.5
- Flange diameter: 15
- Flange diameter: 12
- Flange diameter: 15.5
- Flange diameter: 15
- Flange diameter: 12
- Flange diameter: 15.5
- Flange diameter: 15
- Flange diameter: 12



B14 Motor Flanges	A	C_{max}	g6	k1	kit code	k1 with KC50.9.011
71 B14	236	197.5	105	238.5	K063.4.047	244.5
80 B14	238	205	120	240.5	K063.4.046	246.5
90 B14	238	215	140	240.5	K063.4.041	246.5