

Technical Data Sheet
Gearbox
INLINE GEARBOX



MODEL	513A	
Ø OUTPUT SHAFT	30	mm
APPROXIMATE RATIO	165	
EXACT RATIO	165.29	
OUTPUT SPEED	9	RPM
EXACT OUTPUT SPEED	9	RPM
INPUT POWER	0.18	KW
INPUT ROTATION	1400	RPM
INPUT PAM	63B5	
OUTPUT TORQUE	190.76	N.m
NOMINAL TORQUE	326.00	N.m
NOMINAL POWER	0.31	KW
SERVICE FACTOR	1.72	
DYNAMIC EFFICIENCY	0.94	

Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
1	0.9	1.113	1.15	1.45	1.4

Radial and Axial Loads



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

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Gearbox weight peso riduttore	With flange	11.9 kg
	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 $K1$. A callout "Detail Y" points to the shaft-hub interface. Two callouts specify dimensions for the KC50.9.011 model: 8.5 and 51.5 .

Available output shaft / Albero di uscita

	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

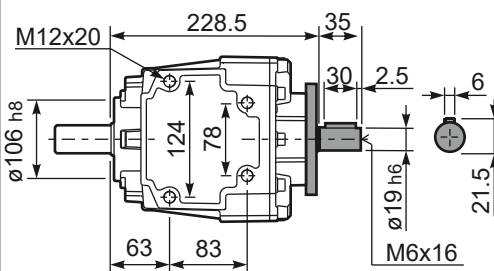
Technical drawing of the B14 motor flange, showing side and front views with dimensions.

Side View Dimensions:

- Total length: 217.5
- Flange thickness: 9.6
- Motor flange label: Suggested B14 motor flanges
- Shaft diameter: $\phi 30$ h6
- Shaft thread: M10x22
- Flange diameter: $\phi 123$
- Flange hole diameter: $\phi 60$
- Flange hole spacing: 50
- Flange hole diameter: 15.5
- Flange hole spacing: 12
- Flange hole diameter: 15
- Flange hole spacing: 5
- Flange hole diameter: 33
- Flange hole spacing: ∞

Front View Dimensions:

- Flange diameter: $\phi 123$
- Flange hole diameter: $\phi 60$
- Flange hole spacing: 50
- Flange hole diameter: 15.5
- Flange hole spacing: 12
- Flange hole diameter: 15
- Flange hole spacing: 5
- Flange hole diameter: 33
- Flange hole spacing: ∞



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