

Technical Data Sheet
Gearbox
INLINE GEARBOX

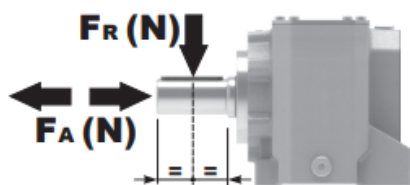


MODEL	513A
Ø OUTPUT SHAFT	30 mm
APPROXIMATE RATIO	137
EXACT RATIO	136.62
OUTPUT SPEED	11 RPM
EXACT OUTPUT SPEED	11 RPM
INPUT POWER	0.25 KW
INPUT ROTATION	1400 RPM
INPUT PAM	71B14
OUTPUT TORQUE	218.99 N.m
NOMINAL TORQUE	326.00 N.m
NOMINAL POWER	0.4 KW
SERVICE FACTOR	1.60
DYNAMIC EFFICIENCY	0.94

Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
1	0.9	1.61	1.15	1.45	1.4

Radial and Axial Loads



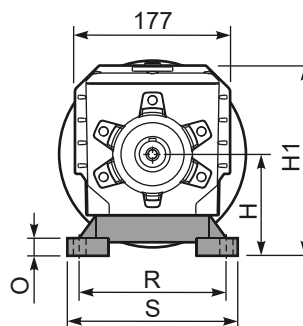
n_2 [min-1]	FA [N]	FR [N]
300	460	2300
200	520	2600
120	620	3100
15	1000	5000

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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

The technical drawing illustrates the output shaft assembly with three main views:

- Front View (Left):** Shows a circular shaft with diameter $\varnothing p1$. A feature labeled "Detail Y" is indicated by a circle.
- Side View (Middle):** A cross-sectional view showing dimensions $h1$, $d1$, and a shoulder width of 2.5 . The total length of the assembly is 8.5 with KC50.9.011.
- End View (Right):** Shows the shaft's profile with dimensions $a1$, $b1$, $f7$, $f1$, $c1$, 57.5 , $g6$, and a central bore diameter of 15 . The overall length is $K1$.

A detailed callout for "Detail Y" shows a close-up of the shaft's surface finish and fit.

	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

[illegible]

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