

MODELO	513A
Ø VEIO SAÍDA	30 mm
RÁCIO APROXIMADO	84
RÁCIO EXATO	83.59
VELOCIDADE SAÍDA	17 RPM
VELOCIDADE SAÍDA EXATA	17 RPM
POTÊNCIA ENTRADA	0.75 KW
ROTAÇÃO ENTRADA	1400 RPM
PAM ENTRADA	80B5
TORQUE SAÍDA	401.96 N.m
TORQUE NOMINAL	354.00 N.m
POTÊNCIA NOMINAL	0.66 KW
FATOR SERVIÇO	0.88
EFICIÊNCIA DINÂMICA	0.94

QUANTIDADE DE ÓLEO (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
1	0.9	1.88	1.15	1.45	1.4

CARGAS RADIAIS E AXIAIS



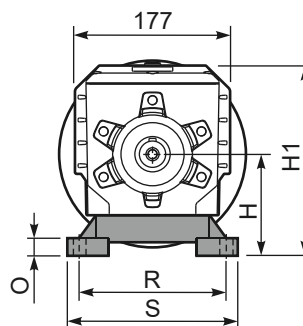
n_2 [min-1]	F_A [N]	F_R [N]
300	460	2300
200	520	2600
120	620	3100
15	1000	5000

Universal Motors S.A.
Rua Comendador Brandão, 484
4495-375 Póvoa de Varzim
geral@universalmotors.pt
TEL.: 252 299 080

Universal Motors UK, Ltd
Unit E2, Meltham Mills Road
West Yorkshire HD9 4AR
enquiries@universalmotors-group.co.uk
TEL.: +44(0) 1484660222

Universal Motors SL
C/La Habana n.6 nave 4 PI Camporoso
28806 Alcala de Henares
info@universalmotors-group.es
TEL.: 918 864 213

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 a circular shaft with a central hole of diameter $d1$ and a mounting flange with diameter $p1$. A side view on the right shows the shaft with a keyway of width $f1$ and a total length of $a1$. A detail view (Detail Y) shows a cross-section of the shaft with a keyway of width $f1$ and a total length of $a1$. The shaft is labeled with dimensions: 8.5 with KC50.9.011, 2.5 , $h1$, $d1$, $p1$, x , $a1$, $b1$, $f7$, $f1$, $c1$, 57.5 , 51.5 with KC50.9.011, 15 , $g6$, and $K1$.

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:

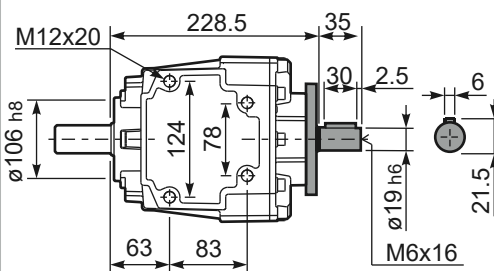
- Total length: 217.5
- Flange thickness: 9.6
- Motor flange diameter: $\phi 123$
- Shaft diameter: $\phi 30$ h6
- Shaft thread: M10x22
- Shaft length: 15.5
- Shaft diameter: 50
- Shaft diameter: 60
- Shaft diameter: 12
- Shaft diameter: 15
- Shaft diameter: 33
- Shaft diameter: ∞

Front View Dimensions:

- Flange diameter: $\phi 123$
- Flange thickness: 9.6
- Flange diameter: 170.5
- Flange diameter: 69.5
- Flange diameter: 65°
- Flange diameter: 50°
- Flange diameter: N.5 M10x17

Notes:

- Suggested B14 motor flanges



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