

Technical Data Sheet
Gearbox
INLINE GEARBOX

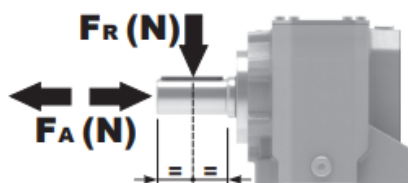


MODEL	512A
Ø OUTPUT SHAFT	30 mm
APPROXIMATE RATIO	35
EXACT RATIO	35.58
OUTPUT SPEED	42 RPM
EXACT OUTPUT SPEED	41 RPM
INPUT POWER	0.55 KW
INPUT ROTATION	1400 RPM
INPUT PAM	80B14
OUTPUT TORQUE	128.14 N.m
NOMINAL TORQUE	326.00 N.m
NOMINAL POWER	1.4 KW
SERVICE FACTOR	2.55
DYNAMIC EFFICIENCY	0.96

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



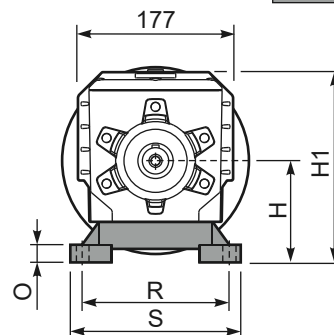
n_2 [min-1]	F_A [N]	F_R [N]
300	460	2300
200	520	2600
120	620	3100
15	1000	5000

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	11.7 kg
	With feet	11.9 Kg



Feet Code	Market reference	G	H	R	L	S	H1	O	øI	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 the output shaft assembly. The drawing includes a front view on the left, a side view on the right, and a detailed view of the shaft-hub connection labeled 'Detail Y'.

Front View Dimensions:

- Overall diameter: $\varnothing 51.5$ with KC50.9.011
- Shaft diameter: $\varnothing 25$
- Hub inner diameter: $\varnothing 25$
- Hub outer diameter: $\varnothing 57.5$
- Hub width: 2.5
- Shaft length: 8.5 with KC50.9.011
- Key width: 8
- Key height: 4
- Key depth: 2
- Key length: 10
- Key position: 5
- Key type: 1
- Key material: 1
- Key finish: 1
- Key tolerance: 1
- Key surface treatment: 1
- Key marking: 1
- Key identification: 1
- Key classification: 1
- Key application: 1
- Key maintenance: 1
- Key safety: 1
- Key compliance: 1
- Key certification: 1
- Key approval: 1
- Key authorization: 1
- Key registration: 1
- Key filing: 1
- Key archiving: 1
- Key disposal: 1
- Key recycling: 1
- Key reuse: 1
- Key repurposing: 1
- Key renovation: 1
- Key restoration: 1
- Key repair: 1
- Key replacement: 1
- Key upgrade: 1
- Key modification: 1
- Key customization: 1
- Key personalization: 1
- Key branding: 1
- Key labeling: 1
- Key marking: 1
- Key identification: 1
- Key classification: 1
- Key application: 1
- Key maintenance: 1
- Key safety: 1
- Key compliance: 1
- Key certification: 1
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- Key registration: 1
- Key filing: 1
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- Key recycling: 1
- Key reuse: 1
- Key repurposing: 1
- Key renovation: 1
- Key restoration: 1
- Key repair: 1
- Key replacement: 1
- Key upgrade: 1
- Key modification: 1
- Key customization: 1
- Key personalization: 1
- Key branding: 1
- Key labeling: 1

Side View Dimensions:

- Overall length: 96
- Shaft diameter: $\varnothing 51.5$ with KC50.9.011
- Hub diameter: $\varnothing 57.5$
- Hub width: 2.5
- Shaft length: 8.5 with KC50.9.011
- Key width: 8
- Key height: 4
- Key depth: 2
- Key length: 10
- Key position: 5
- Key type: 1
- Key material: 1
- Key finish: 1
- Key tolerance: 1
- Key surface treatment: 1
- Key marking: 1
- Key identification: 1
- Key classification: 1
- Key application: 1
- Key maintenance: 1
- Key safety: 1
- Key compliance: 1
- Key certification: 1
- Key approval: 1
- Key authorization: 1
- Key registration: 1
- Key filing: 1
- Key archiving: 1
- Key disposal: 1
- Key recycling: 1
- Key reuse: 1
- Key repurposing: 1
- Key renovation: 1
- Key restoration: 1
- Key repair: 1
- Key replacement: 1
- Key upgrade: 1
- Key modification: 1
- Key customization: 1
- Key personalization: 1
- Key branding: 1
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- Key identification: 1
- Key classification: 1
- Key application: 1
- Key maintenance: 1
- Key safety: 1
- Key compliance: 1
- Key certification: 1
- Key approval: 1
- Key authorization: 1
- Key registration: 1
- Key filing: 1
- Key archiving: 1
- Key disposal: 1
- Key recycling: 1
- Key reuse: 1
- Key repurposing: 1
- Key renovation: 1
- Key restoration: 1
- Key repair: 1
- Key replacement: 1
- Key upgrade: 1
- Key modification: 1
- Key customization: 1
- Key personalization: 1
- Key branding: 1
- Key labeling: 1

Detail Y Dimensions:

- Shaft diameter: $\varnothing 25$
- Hub inner diameter: $\varnothing 25$
- Hub outer diameter: $\varnothing 57.5$
- Hub width: 2.5
- Shaft length: 8.5 with KC50.9.011
- Key width: 8
- Key height: 4
- Key depth: 2
- Key length: 10
- Key position: 5
- Key type: 1
- Key material: 1
- Key finish: 1
- Key tolerance: 1
- Key surface treatment: 1
- Key marking: 1
- Key identification: 1
- Key classification: 1
- Key application: 1
- Key maintenance: 1
- Key safety: 1
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- Key repurposing: 1
- Key renovation: 1
- Key restoration: 1
- Key repair: 1
- Key replacement: 1
- Key upgrade: 1
- Key modification: 1
- Key customization: 1
- Key personalization: 1
- Key branding: 1
- Key labeling: 1

Available output shaft / Albero di uscita

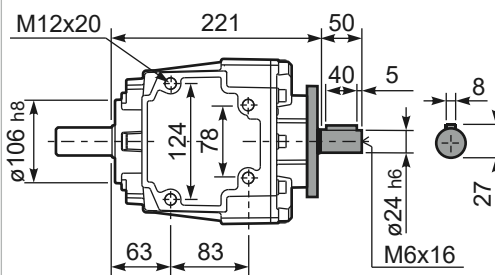
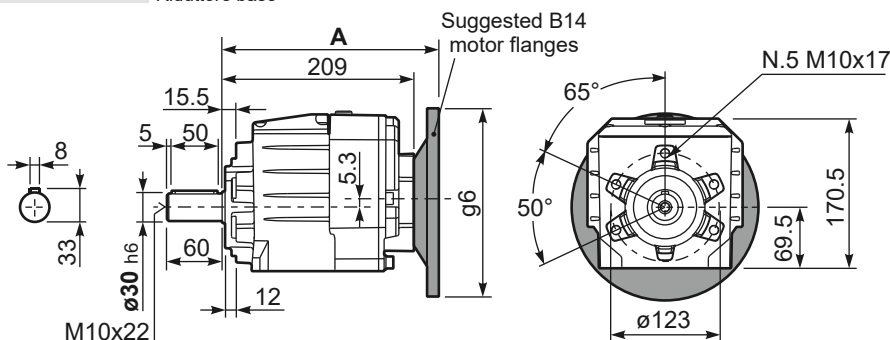
	Shaft - d1	p1	h1	x
Standard	ø 30x60	8	33	M10x22
On request A richiesta	ø 24x50	8	27	M8x19
	ø 25x50	8	28	M8x19
	ø 28x60	8	31	M8x19
	ø 35x60	10	38	M10x22

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



R512A-N... Input Shaft
Albero in entrata

5-16