

Technical Data Sheet
Gearbox
WORM GEARBOX ROUND DESIGN



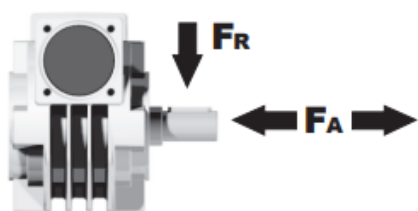
MODEL	050
Ø OUTPUT SHAFT	25 mm
APPROXIMATE RATIO	30
EXACT RATIO	30.00
OUTPUT SPEED	49 RPM
EXACT OUTPUT SPEED	49 RPM
INPUT POWER	0.18 KW
INPUT ROTATION	1400 RPM
INPUT PAM	63B5
OUTPUT TORQUE	25.78 N.m
NOMINAL TORQUE	72.00 N.m
NOMINAL POWER	0.5 KW
SERVICE FACTOR	2.78
DYNAMIC EFFICIENCY	0.70



Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
0.14	0.14	0.14	0.14	0.14	0.14

Radial and Axial Loads



n_2 [min-1]	FA [N]	FR [N]
200	240	1200
100	300	1500
50	380	1900
15	560	2800

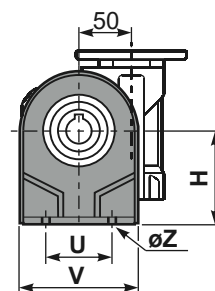
Universal Motors S.A.
Rua Comendador Brandão, 484
4495-375 Póvoa de Varzim
geral@universalmotors.pt
TEL.: 252 299 080

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

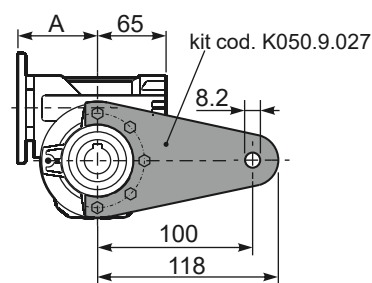
Gearbox weight peso riduttore	3.00 kg
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On request "type S"
A richiesta "tipo S"

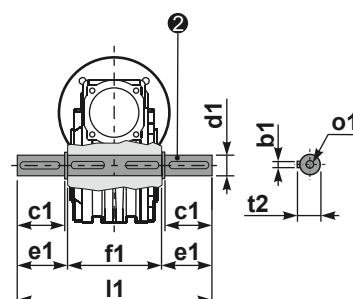
Feet
Piedini

	H	R	S	T	U	V	Y	W	øZ	kit code
type B	82	98.5	3.5	123	63	113	138.5	163	ø10.5	K050.9.022
type S	85	96	10	114	85	110	139.5	166	ø10	KS050.9.023

Reaction arm
Braccio di reazione



P050.....**D**... Double Shaft
Albero lento bisp.



① kit cod. K050.5.028 type **B**
kit cod. KS050.5.030 type **S**

	ød	e	g	l	m	x	kit code
type B	16 h6	18	5	30	74.5	M6x16	① K050.5.006 PAM71 ② K050.5.007 PAM80
type S	14 h6	16	5	30	74.5	M5x10	① K050.5.008 PAM71 ② K050.5.009 PAM80

	b1	c1	d1	e1	f1	l1	m1	n1	t2	o1
type B	8	52	$25^{+0.005}_{-0.020}$	59.5	81	200	86.5	146	28	M8x20
type S	8	50	$24^{+0.005}_{-0.020}$	68.8	-	-	86.5	155	27	M8x20