

Technical Data Sheet
Gearbox
WORM GEARBOX ROUND DESIGN



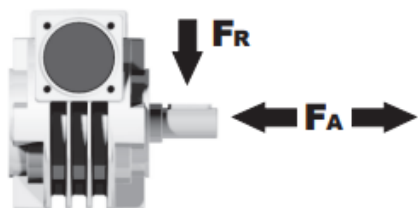
MODEL	050
Ø OUTPUT SHAFT	25 mm
APPROXIMATE RATIO	7
EXACT RATIO	7.00
OUTPUT SPEED	209 RPM
EXACT OUTPUT SPEED	209 RPM
INPUT POWER	1.10 KW
INPUT ROTATION	1400 RPM
INPUT PAM	80B14
OUTPUT TORQUE	43.07 N.m
NOMINAL TORQUE	57.00 N.m
NOMINAL POWER	1.5 KW
SERVICE FACTOR	1.36
DYNAMIC EFFICIENCY	0.82



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

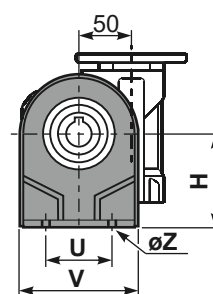
Universal Motors S.A.
Rua Comendador Brandão, 484
4495-375 Póvoa de Varzim
geral@universalmotors.pt
TEL.: 252 299 080

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

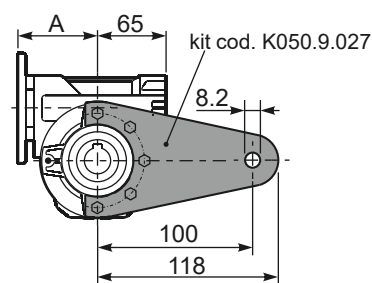
Universal Motors SL
C/La Habana n.6 nave 4 PI Camporoso
28806 Alcala de Henares
info@universalmotors-group.es
TEL.: 918 864 213

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

Feet
Piedini

Reaction arm
Braccio di reazione



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



Technical drawing of a shaft-hub assembly. The left part shows a cross-section of a shaft with diameter $\varnothing d$ and a hub with thickness e and inner diameter g . The right part shows a side view of the assembly with dimensions l (shaft length), m (hub length), and x (distance from the shaft end to the hub center).

	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