

Technical Data Sheet
Gearbox
HELLICAL BEVEL



MODEL	X53A
Ø OUTPUT SHAFT	30 mm
APPROXIMATE RATIO	142
EXACT RATIO	141.66
OUTPUT SPEED	10 RPM
EXACT OUTPUT SPEED	10 RPM
INPUT POWER	0.25 KW
INPUT ROTATION	1400 RPM
INPUT PAM	71B14
OUTPUT TORQUE	227.07 N.m
NOMINAL TORQUE	250.00 N.m
NOMINAL POWER	0.28 KW
SERVICE FACTOR	1.12
DYNAMIC EFFICIENCY	0.94

Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
1.3	1.55	0.85	1.45	2.1	1.25

Radial and Axial Loads



n_2 [min-1]	F_A [N]	F_R [N]
250	600	3000
100	800	4000
50	960	4800
15	1660	8300

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

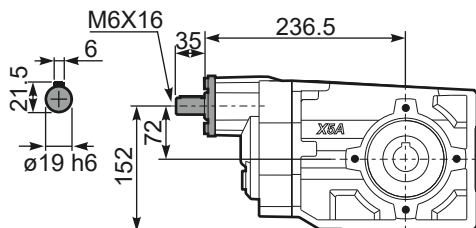
Universal Motors SL
C/La Habana n.6 nave 4 PI Camporoso
28806 Alcala de Henares
info@universalmotors-group.es
TEL.: 918 864 213

PX53AC...Basic Gearbox
Riduttore baseGearbox
weight
peso riduttore **12.65 kg**

M. flanges	Kit code	øF	A
63B5	K063.4.041	140	246
71B5	K063.4.042	160	244
80/90B5	K063.4.043	200	246
71B14	K063.4.047	105	244
80B14	K063.4.046	120	246
90B14	K063.4.041	140	246



4 holes M8x15

Mounting holes
positionPosizione fori
di montaggio**Standard**
Hollow shaft**On request**
A richiesta**PX53A...FB..**Feet
Piedini**PX53A...-F2..**Output flange
Flangia uscita**PX53A...-F3..**Output flange
Flangia uscita**PX53A...-F4..**Output flange
Flangia uscita**RX53A...**Input shaft
Albero in entrata**PX53A...BR..**Reaction Arm
Braccio di reazione**PX53AA..**Single output shaft
Albero semplice in uscita