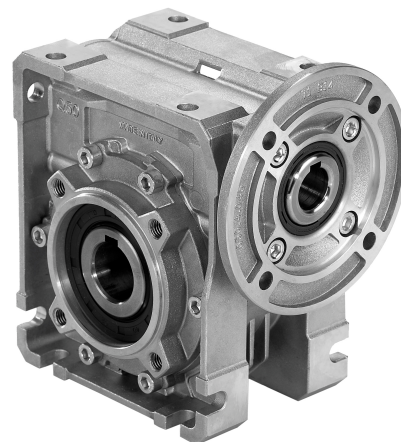


Technical Data Sheet
Gearbox
WORM GEARBOX SQUARE DESIGN



UNIVERSAL
MOTORS

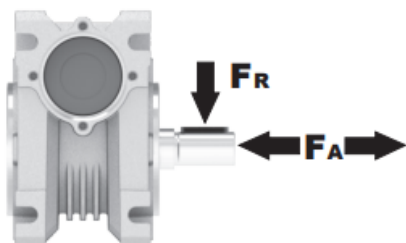
MODEL	Q85	
Ø OUTPUT SHAFT	35	mm
APPROXIMATE RATIO	100	
EXACT RATIO	96.00	
OUTPUT SPEED	15	RPM
EXACT OUTPUT SPEED	15	RPM
INPUT POWER	0.55	KW
INPUT ROTATION	1400	RPM
INPUT PAM	80B14	
OUTPUT TORQUE	190.88	N.m
NOMINAL TORQUE	242.00	N.m
NOMINAL POWER	0.7	KW
SERVICE FACTOR	1.27	
DYNAMIC EFFICIENCY	0.53	



Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
1.2	1.2	1.2	1.2	1.2	1.2

Radial and Axial Loads



n_2 [min-1]	F_A [N]	F_R [N]
200	500	2500
100	600	3000
50	800	4000
15	1160	5800

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

