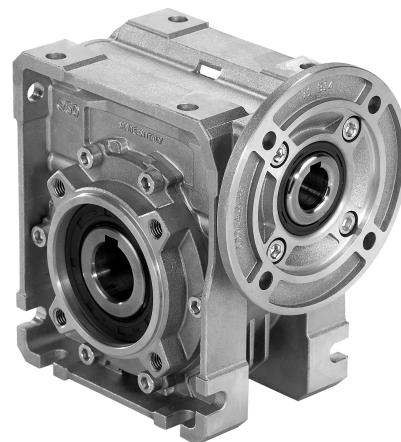


Technical Data Sheet
Gearbox
WORM GEARBOX SQUARE DESIGN



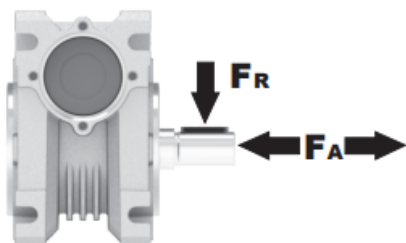
MODEL	Q85	
Ø OUTPUT SHAFT	35	mm
APPROXIMATE RATIO	50	
EXACT RATIO	52.00	
OUTPUT SPEED	29	RPM
EXACT OUTPUT SPEED	28	RPM
INPUT POWER	1.10	KW
INPUT ROTATION	1400	RPM
INPUT PAM	90B5	
OUTPUT TORQUE	257.50	N.m
NOMINAL TORQUE	289.00	N.m
NOMINAL POWER	1.2	KW
SERVICE FACTOR	1.09	
DYNAMIC EFFICIENCY	0.66	



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]	FA [N]	FR [N]
200	500	2500
100	600	3000
50	800	4000
15	1160	5800

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