

Technical Data Sheet
Gearbox
WORM GEARBOX SQUARE DESIGN



MODEL	Q85	
Ø OUTPUT SHAFT	35	mm
APPROXIMATE RATIO	15	
EXACT RATIO	14.00	
OUTPUT SPEED	97	RPM
EXACT OUTPUT SPEED	104	RPM
INPUT POWER	3.00	KW
INPUT ROTATION	1400	RPM
INPUT PAM	100B5	
OUTPUT TORQUE	223.45	N.m
NOMINAL TORQUE	305.00	N.m
NOMINAL POWER	4.1	KW
SERVICE FACTOR	1.37	
DYNAMIC EFFICIENCY	0.78	



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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