

Technical Data Sheet
Gearbox
WORM GEARBOX SQUARE DESIGN



MODEL	Q85	
Ø OUTPUT SHAFT	35	mm
APPROXIMATE RATIO	40	
EXACT RATIO	38.00	
OUTPUT SPEED	37	RPM
EXACT OUTPUT SPEED	38	RPM
INPUT POWER	1.50	KW
INPUT ROTATION	1400	RPM
INPUT PAM	90B5	
OUTPUT TORQUE	276.04	N.m
NOMINAL TORQUE	336.00	N.m
NOMINAL POWER	1.8	KW
SERVICE FACTOR	1.20	
DYNAMIC EFFICIENCY	0.71	



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

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