

Technical Data Sheet
Gearbox
WORM GEARBOX SQUARE DESIGN



MODEL	Q85	
Ø OUTPUT SHAFT	35	mm
APPROXIMATE RATIO	45	
EXACT RATIO	46.00	
OUTPUT SPEED	32	RPM
EXACT OUTPUT SPEED	32	RPM
INPUT POWER	0.55	KW
INPUT ROTATION	1400	RPM
INPUT PAM	80B14	
OUTPUT TORQUE	117.35	N.m
NOMINAL TORQUE	326.00	N.m
NOMINAL POWER	1.5	KW
SERVICE FACTOR	2.73	
DYNAMIC EFFICIENCY	0.68	



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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