

Technical Data Sheet  
Gearbox  
WORM GEARBOX SQUARE DESIGN



MODEL	Q85	
Ø OUTPUT SHAFT	35	mm
APPROXIMATE RATIO	20	
EXACT RATIO	20.00	
OUTPUT SPEED	73	RPM
EXACT OUTPUT SPEED	73	RPM
INPUT POWER	3.00	KW
INPUT ROTATION	1400	RPM
INPUT PAM	100B14	
OUTPUT TORQUE	323.31	N.m
NOMINAL TORQUE	294.00	N.m
NOMINAL POWER	2.7	KW
SERVICE FACTOR	0.90	
DYNAMIC EFFICIENCY	0.79	



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 <sup>-1</sup> ]	FA [N]	FR [N]
200	500	2500
100	600	3000
50	800	4000
15	1160	5800

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