

Technical Data Sheet
Gearbox
WORM GEARBOX SQUARE DESIGN



MODEL	M50	
Ø OUTPUT SHAFT	25	mm
APPROXIMATE RATIO	70	
EXACT RATIO	68.00	
OUTPUT SPEED	21	RPM
EXACT OUTPUT SPEED	21	RPM
INPUT POWER	0.09	KW
INPUT ROTATION	1400	RPM
INPUT PAM	56B14	
OUTPUT TORQUE	23.79	N.m
NOMINAL TORQUE	58.00	N.m
NOMINAL POWER	0.22	KW
SERVICE FACTOR	2.44	
DYNAMIC EFFICIENCY	0.57	



Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
0.14	0.14	0.14	0.14	0.14	0.14

Radial and Axial Loads



n_2 [min-1]	FA [N]	FR [N]
200	240	1200
100	300	1500
50	380	1900
15	560	2800

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