

Technical Data Sheet
Gearbox
WORM GEARBOX SQUARE DESIGN



MODEL	M50	
Ø OUTPUT SHAFT	25	mm
APPROXIMATE RATIO	45	
EXACT RATIO	43.00	
OUTPUT SPEED	32	RPM
EXACT OUTPUT SPEED	34	RPM
INPUT POWER	0.18	KW
INPUT ROTATION	1400	RPM
INPUT PAM	63B14	
OUTPUT TORQUE	34.84	N.m
NOMINAL TORQUE	68.00	N.m
NOMINAL POWER	0.35	KW
SERVICE FACTOR	1.94	
DYNAMIC EFFICIENCY	0.66	



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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