

Technical Data Sheet
Gearbox
WORM GEARBOX SQUARE DESIGN



MODEL	M50	
Ø OUTPUT SHAFT	25	mm
APPROXIMATE RATIO	50	
EXACT RATIO	50.00	
OUTPUT SPEED	29	RPM
EXACT OUTPUT SPEED	29	RPM
INPUT POWER	0.18	KW
INPUT ROTATION	1400	RPM
INPUT PAM	63B14	
OUTPUT TORQUE	38.06	N.m
NOMINAL TORQUE	66.00	N.m
NOMINAL POWER	0.31	KW
SERVICE FACTOR	1.72	
DYNAMIC EFFICIENCY	0.62	



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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