

Technical Data Sheet  
Gearbox  
WORM GEARBOX ROUND DESIGN



MODEL	110	
Ø OUTPUT SHAFT	42	mm
APPROXIMATE RATIO	15	
EXACT RATIO	16.00	
OUTPUT SPEED	97	RPM
EXACT OUTPUT SPEED	91	RPM
INPUT POWER	3.00	KW
INPUT ROTATION	1400	RPM
INPUT PAM	100	B5
OUTPUT TORQUE	268.47	N.m
NOMINAL TORQUE	536.00	N.m
NOMINAL POWER	6	KW
SERVICE FACTOR	2.00	
DYNAMIC EFFICIENCY	0.82	



Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
1.9	1.35	1.35	2	2	2

Radial and Axial Loads



$n_2$ [min-1]	FA [N]	FR [N]
200	600	2900
100	750	3600
50	920	4600
15	1400	7000

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