

Technical Data Sheet  
Gearbox  
WORM GEARBOX ROUND DESIGN



MODEL	110	
Ø OUTPUT SHAFT	42	mm
APPROXIMATE RATIO	85	
EXACT RATIO	84.00	
OUTPUT SPEED	17	RPM
EXACT OUTPUT SPEED	17	RPM
INPUT POWER	1.10	KW
INPUT ROTATION	1400	RPM
INPUT PAM	90B14	
OUTPUT TORQUE	409.66	N.m
NOMINAL TORQUE	494.00	N.m
NOMINAL POWER	1.3	KW
SERVICE FACTOR	1.18	
DYNAMIC EFFICIENCY	0.65	



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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