

Technical Data Sheet
Gearbox
SHAFT MOUNTED



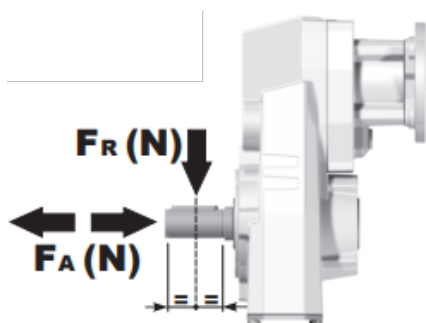
MODEL	FA52	
Ø OUTPUT SHAFT	35	mm
APPROXIMATE RATIO	30	
EXACT RATIO	30.65	
OUTPUT SPEED	49	RPM
EXACT OUTPUT SPEED	48	RPM
INPUT POWER	1.10	KW
INPUT ROTATION	1400	RPM
INPUT PAM	90B14	
OUTPUT TORQUE	220.77	N.m
NOMINAL TORQUE	490.00	N.m
NOMINAL POWER	2.4	KW
SERVICE FACTOR	2.18	
DYNAMIC EFFICIENCY	0.96	



Oil Quantity (L)

B3/H1	B6/H4	B7/H3	B8/H2	V5/H5	V6/H6
1.85	1.15	1.15	1.3	2.1	1.3

Radial and Axial Loads



n_2 [min-1]	FA [N]	FR [N]
300	400	2000
200	440	2200
120	500	2500
15	1140	5700

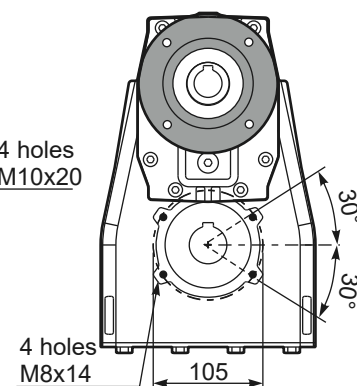
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Gearbox weight peso riduttore	15.5 kg
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On request
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Technical drawing of the 1000 Series Servo Motor showing front and side views with dimensions.

Front View Dimensions:

- Overall width: 173
- Flange diameter: $\varnothing 92$
- Flange thickness: 6.5

Side View Dimensions:

- Overall length: 157.5
- Shaft diameter: $\varnothing 35$ H7
- Shaft length segments: 30 and 30