

Technical Data Sheet
Gearbox
SHAFT MOUNTED



UNIVERSAL
MOTORS

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	1.50	KW
INPUT ROTATION	1400	RPM
INPUT PAM	90B5	
OUTPUT TORQUE	301.05	N.m
NOMINAL TORQUE	490.00	N.m
NOMINAL POWER	2.4	KW
SERVICE FACTOR	1.60	
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

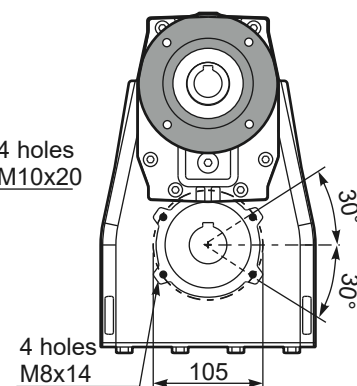
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Gearbox weight peso riduttore	15.5 kg
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On request
A richiesta



Technical drawing of the 1000 Series Servo Motor showing front and side views with dimensions.

Front View Dimensions:

- Overall width: 173
- Mounting flange diameter: $\varnothing 92$
- Mounting flange thickness: 6.5
- Shaft diameter: $\varnothing 35$
- Shaft length: 157.5
- Shaft thread: M4
- Shaft end flange diameter: $\varnothing 35$
- Shaft end flange thickness: 7
- Shaft end flange inner diameter: 30
- Shaft end flange outer diameter: 30

Side View Dimensions:

- Overall height: 92
- Mounting flange thickness: 6.5
- Shaft diameter: $\varnothing 35$
- Shaft length: 157.5
- Shaft thread: M4
- Shaft end flange diameter: $\varnothing 35$
- Shaft end flange thickness: 7
- Shaft end flange inner diameter: 30
- Shaft end flange outer diameter: 30