

Technical Data Sheet
Gearbox
SHAFT MOUNTED



UNIVERSAL
MOTORS

MODEL	FA52
Ø OUTPUT SHAFT	35 mm
APPROXIMATE RATIO	22
EXACT RATIO	21.78
OUTPUT SPEED	66 RPM
EXACT OUTPUT SPEED	67 RPM
INPUT POWER	1.50 KW
INPUT ROTATION	1400 RPM
INPUT PAM	90B14
OUTPUT TORQUE	213.93 N.m
NOMINAL TORQUE	490.00 N.m
NOMINAL POWER	3.4 KW
SERVICE FACTOR	2.27
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

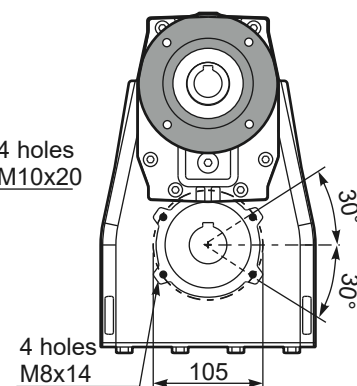
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Gearbox weight peso riduttore	15.5 kg
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On request
A richiesta



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

Side View Dimensions:

- Overall length: 157.5
- Shaft diameter: $\varnothing 35$ H7
- Shaft length: 30
- Motor body length: 30
- Mounting flange thickness: 6.5