

Input data

System of measurement		Metric
Input type		Gear motor
Input speed	[rpm]	1400
Output speed	[rpm]	35
Ratio (i=)		40
Frequency	[Hz]	50
Input options		IEC
Requested input power	[kW]	0.18
Service factor		1.4
Rated Power P1	[kW]	0.25

Output data

Gear unit	M RT 40 B3 40 63 B14 AC 19 MT 0.18 kW 63 B4 B14 X3
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Type		RT - Worm speed reducers
Input type		M
Size		40
Ratio (i=)		40
Input flange		B14
Input speed	[rpm]	1400
Output speed	[rpm]	35
Rated output torque	[Nm]	29.96
Service Factor		1.4
Efficiency		0.61
Inertia moment	[kgm ²]	0.000018

Gear unit configuration

Output shaft		Hollow output shaft
Fixing		Universal
Version		B3

Output radial and axial loads

Ball bearings output radial load	[N]	1600
Taper bearings output radial load	[N]	2250
Ball bearings output axial load	[N]	320
Taper bearings output axial load	[N]	450

Accessories

Hollow output shaft		AC 19
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Electric motor

Size		63 B4
Poles		4
Power	[kW]	0.18

Electric motor configuration

Motor flange		B14
Terminal box position		X3