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Find the *SEW Eurodrive R57 AQA115/1* at our website: *Click HERE*



Helical Gearmotor R Series

In six single-stage and fourteen two-stage and three-stage sizes, the helical gearmotors by SEW-EURODRIVE ensure an optimum ratio between power and space requirements.

Your advantages

- High torque density
- Long service life
- R37 ... R167 Reduced backlash option
- RM series, specially designed for agitating applications

The tried and tested modular concept and our strict quality criteria allow SEW-EURODRIVE to provide a diverse range of torques and reduction ratios with incomparably finely tuned gradings. With this exceptional diversity, SEW-EURODRIVE sets new standards in the field of drive engineering.

Available versions

- Single-stage or multi-stage
- Foot-mounted or flange-mounted
- Foot-mounted and flange-mounted
- Flange-mounted with extended bearing hub



RX series (single-stage)

For high output speeds, the exclusively single-stage gear units RX57 to RX107 offer compact solutions for your system design.

Technical data

Gear unit reduction ratio	[i]	1.30 - 8.65
Output torque	[Nm] ([in-lb])	69 - 830 (610 - 7340)
Motor power range	[kW] ([Hp])	0.12 - 45 (0.16 to 60)

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R series (two-stage and three-stage)

Our complete range of helical gearmotors provides the optimum size and power solution for every drive task. And for applications where weight is an issue, our multi-stage gear units provide something special: Thanks to their die-cast aluminum design, the models R07, R17 and R27 are three particularly efficient lightweights – ideal as satellite drives and for use in light machine constructions. Reduced backlash helical gear units are also available for particularly precise requirements.

Technical data

Gear unit reduction ratio	[i]	3.21 - 289.74
Multi-stage gear unit reduction ratio	[i]	90 - 27001
Output torque	[Nm] ([in-lb])	50 - 18000 (440 to 159300)
Motor power range	[kW] ([hp])	0.12 - 90 (0.16 to 120)



RM series

RM gearmotors with extended output bearing hub are a special type of helical gearmotor. They were designed especially for agitating applications and allow for high overhung and axial loads and bending moments. The remaining data corresponds to that of standard helical gearmotors.

Technical data

Gear unit reduction ratio	[i]	4.29 to 289.74
Multi-stage gear unit reduction ratio	[i]	134 to 27001
Output torque	[Nm] ([in-lb])	270 to 18000 (2380 to 159300)
Motor power range	[kW] ([hp])	0.12 to 160 (0.16 to 215)

Helical gear unit versions

Single-stage		Size					
		57	67	77	87	97	107
RX..	Foot-mounted	RX57	RX67	RX77	RX87	RX97	RX107
RXF..	Flange-mounted	RXF57	RXF67	RXF77	RXF87	RXF97	RXF107

Multi-stage		Size						
		07	17	27	37	47	57	67
R..	Foot-mounted	R07	R17	R27	R37	R47	R57	R67
R..F	Foot-mounted and flange-mounted	R07F	R17F	R27F	R37F	R47F	R57F	R67F
RF..	B5 flange-mounted	RF07	RF17	RF27	RF37	RF47	RF57	RF67

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RZ..	B14 flange-mounted	RZ07	RZ17	RZ27	RZ37	RZ47	RZ57	RZ67
RM..	Flange-mounted with extended bearing hub	–	–	–	–	–	RM57	RM67

Multi-stage		Size						
		77	87	97	107	137	147	167
R..	Foot-mounted	R77	R87	R97	R107	R137	R147	R167
R..F	Foot-mounted and flange-mounted	R77F	R87F	R97F	R107F	R137F	R147F	R167F
RF..	B5 flange-mounted	RF77	RF87	RF97	RF107	RF137	RF147	RF167
RZ..	B14 flange-mounted	RZ77	RZ87	–	–	–	–	–
RM..	Flange-mounted with extended bearing hub	RM77	RM87	RM97	RM107	RM137	RM147	RM167

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