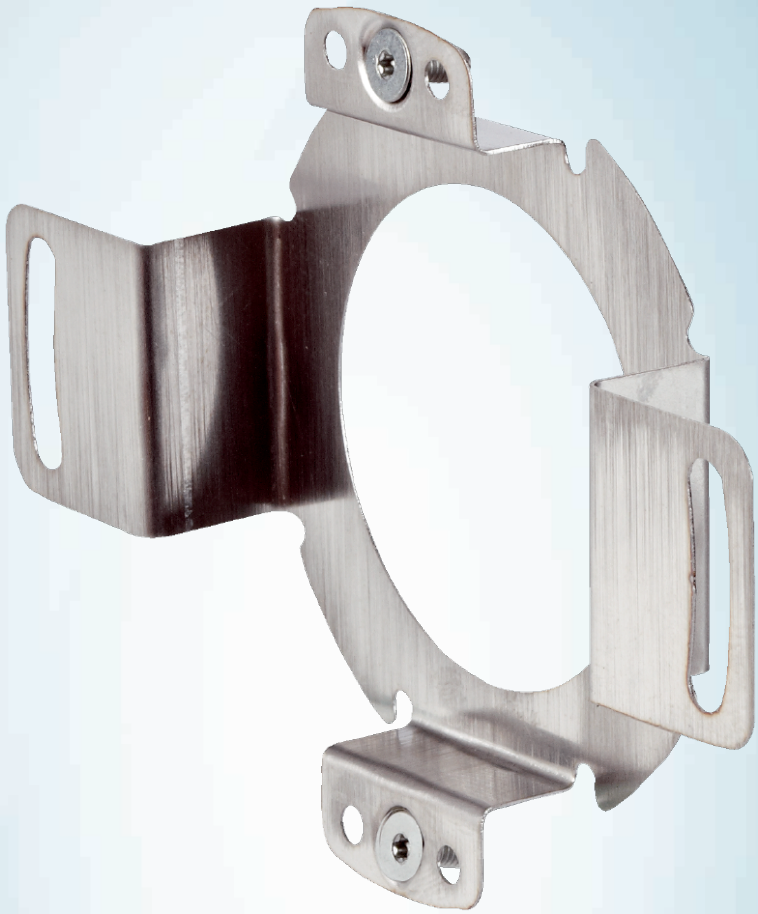
Product family overview



Stator couplings

Precision and optimum stability - the stator coupling for hollow shaft encoders

SICK
Sensor Intelligence.

Stator couplings

Product description

The stator coupling is used to compensate both axial and radial shaft movements of the drive element and mounting tolerances – without significantly impairing the accuracy of hollow-shaft encoders. The torque produced by the bearing friction is absorbed by the angular acceleration of the shaft.

Ordering information

Other models and accessories ➜ www.sick.com/Stator_couplings

- **Product family:** stator couplings

Description	Details	Items supplied	Type	Part no.
1-sided stator coupling, slot, 115 mm	Stainless steel 1.4301 (AISI 304)	1 x stator coupling, 3 x M3 screws, 1 x insulating washer for stator coupling	DGS80-TETHER-A	2122697
1-sided stator coupling, slot, 84 mm	Stainless steel 1.4301 (AISI 304)		DGS80-TETHER-B	2122698
One-sided stator coupling, slot, slot radius 32.1 mm – 37.6 mm, slot width 4.5 mm	–	–	BEF-DS-14	2076678
One-sided stator coupling, slot, slot radius 32.25 mm to 141.75 mm, slot width 5.1 mm	–	–	BEF-DS02DFS/VFS	2047430
One-sided stator coupling, slot, slot radius 33 mm to 211.9 mm, slot width 5.1 mm	–	–	BEF-DS03DFS/VFS	2047431
One-sided stator coupling, slot, slot radius 33 mm to 48.5 mm, slot width 5.1 mm	–	–	BEF-DS01DFS/VFS	2047428
One-sided stator coupling, slots, slot radius 32.75 mm – 142.65 mm, slot width 4.5 mm	–	–	BEF-DS-11	2076216
Standard stator coupling	–	–	BEF-DS00XFX	2056812
			BEF-DSCORETECH	2031274
Standard stator coupling, AHS/AHM36	–	–	BEF-DS16-AHX	2108615
Stator coupling on hole circle 63 mm	–	–	BEF-DS08	2072206
Stator coupling replacement set for CFS50, SRS50, and SRM50	–	–	BEF-DS-15	2077455
Stator coupling with hole circle diameter Ø72 mm	–	–	BEF-DS07XFX	2059368
Stator coupling, 16.5 mm high	–	–	BEF-DS05XFX	2057423
Torque support, 1-sided, slotted hole, screw hole radius 31.5 mm - 48.5 mm, hole width 5.1 mm	–	–	BEF-DS-12	2076217
Two-sided stator coupling, screw hole circle diameter 63 mm, slot width 3.2 mm	–	–	BEF-DS-09	2076214
Two-sided stator coupling, screw hole diameter 42 to 46 mm, slot width 3.2 mm	–	–	BEF-DS-DBS36	2066301
Two-sided stator coupling, slot, slot radius 63 mm – 83 mm, slot width 3.2 mm	–	–	BEF-DS-10	2076215

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com

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