

Properties

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|---------------------------|---|
| Application | General application, e.g. in industry, construction machinery, agricultural technology etc. |
| Connection 1 | BSP cylindrical internal threads |
| Sealing form 1 | for screw-in pins with shapes A, B and if necessary E |
| Residual pressure: | Coupling under residual pressure is possible |
| Material | Steel |
| Surface | electro galvanised |



Description

Screw couplings are designed for high pressures and pressure pulses. It is recommended to combine only couplings same manufacturer.

Ordering information

Other pressure and temperature figures available on request.

Additional information

If fitted correctly, the screw sleeve completely covers the brake ring. The self-locking thread prevents unwanted loosening due to vibrations. The robust construction makes them ideal for use in harsh conditions.

Item

| Identification | Size | DN* | Connecting thread | Coupling thread | Operating pressure (bar) | Mineral oil temp. min. (°C) | Mineral oil temp. max. (°C) | SF coup.* |
|----------------|------|-----|-------------------|-----------------|--------------------------|-----------------------------|-----------------------------|-----------|
| SKF 06 IR 1 | 1 | 6 | G 1/4" -19 | Rd. 24 x 2 | 350,0 | -30 | 100 | 4 |
| SKF 10 IR 2 | 2 | 10 | G 3/8" -19 | Rd. 28 x 2 | 325,0 | -30 | 100 | 4 |
| SKF 10 IR 3 | 3 | 10 | G 3/8" -19 | Rd. 36 x 2 | 300,0 | -30 | 100 | 4 |
| SKF 13 IR 3 | 3 | 12 | G 1/2" -14 | Rd. 36 x 2 | 300,0 | -30 | 100 | 4 |
| SKF 20 IR 4 | 4 | 19 | G 3/4" -14 | Rd. 42 x 2 | 250,0 | -30 | 100 | 4 |
| SKF 20 IR 5 | 5 | 19 | G 3/4" -14 | Rd. 48 x 3 | 250,0 | -30 | 100 | 4 |
| SKF 25 IR 5 | 5 | 25 | G 1" -11 | Rd. 48 x 3 | 250,0 | -30 | 100 | 4 |
| SKF 32 IR 6 | 6 | 31 | G 1.1/4" -11 | Rd. 70 x 3 | 250,0 | -25 | 100 | 4 |
| SKF 40 IR 6 | 6 | 38 | G 1.1/2" -11 | Rd. 70 x 3 | 250,0 | -25 | 100 | 4 |

DN = Nominal diameter, nominal width – SF gek. = Safety factor coupled

Product versions

SKF IR VA Screw coupling (fixed), Stainless steel

Accessories

| | |
|-------------|-------------------------|
| SKF ZUBS | Dust protection for SKF |
| SKF ZUBS AL | Cap |

Spare parts

| | |
|----------------|-------------------------------|
| SKF BREMSRING | Brake ring for screw coupling |
| SKF ORING | O-ring for SKF |
| SKF STUETZRING | Support ring for SKF |