

Metering device

SL-11



Description

Series SL-11 metering devices are for single-line, high-pressure centralized lubrication systems dispensing lubricants compatible with fluoroelastomer packings and viscosity up to NLGI 2. Output is externally adjustable. An indicator stem permits visual check of metering device operation. Available only as single unit with 1/2 inch NPTF (F) inlet.

Features and benefits

- Output is externally adjustable
- Indicator stem permits visual check of injector operation
- May be combined in a circuit of metering devices SL-32, SL-33, SL-V XL, SL-V and/or SL-1
- Can be removed easily for inspection or replacement
- Includes fitting for filling feed lines via alternate outlet port

Applications

- Construction machinery
- Mining and mineral processing
- Steel industry
- Heavy industry

Technical data

Order number	85497
Function principle	metering device
Outlets	1
Metering quantity	0,82 to 8,2 cm ³ 0.050 to 0.500 in ³
Lubricant	grease NLGI 0, 1, 2
Operating temperature	-40 to +93 °C; -40 to +200 °F
Operating pressure	70 to 240 bar, 1 000 to 3 500 psi
Relief pressure	55 bar, 800 psi
Materials	carbon steel, FKM, PTFE
Connection main line	1/2 NPTF (F)
Connection outlet	1/4 NPTF (F)
Lubricant point	solderless pipe connection (DIN 3862) or plug connector
Dimensions	73 × 241 mm 2.87 × 9.48 in
Mounting position	any

Metering devices have fluoroelastomer packings. Check packing compatibility with synthetic lubricants; metering devices supplied with fitting for filling feed line via alternate outlet port. Output with adjustment screw hand-tightened is 0,82 cm³ (0.05 in³); maximum output is achieved with 11 1/2 turns at 0,66 cm³/turn (0.04 in³/turn).



NOTE

Further technical information, technical drawings, accessories, spare parts or product function descriptions available on SKF.com/lubrication.