

Metering device

SL-1



Description

The series SL-1 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. Individual metering devices can be removed easily for inspection or replacement. Available in stainless steel SAE 316, for applications where environmental conditions are hazardous to carbon steel or in industries preferring stainless steel.

Features and benefits

- Shipped with manifolds from 1 to 6 ports (lubrication points)
- Output is externally adjustable
- Each indicator stem permits visual check of injector operation
- Individual metering devices can be removed easily for inspection or replacement
- Includes fitting for feed lines via alternate outlet port
- Available in stainless steel SAE 316

Applications

- Mining and mineral processing
- Construction machinery, steel/heavy industry



NOTE

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

Technical data

Function principle	metering device
Outlets	1 to 6
Metering quantity	0,131 to 1,31 cm ³ 0.008 to 0.080 in ³ grease NLGI 0, 1, 2
Lubricant	grease NLGI 0, 1, 2
Operating temperature	-26 to +176 °C; -15 to +350 °F
Operating pressure	127 to 240 bar, 1 850 to 3 500 psi
Relief pressure	41 bar, 600 psi
Material	carbon steel, stainless steel 316
Connection main line	3/8 NPTF (F)
Connection outlet	1/8 NPTF (F)
Lubricant point	solderless pipe connection
Dimensions	min. 63 × 179,4 × 52,4 mm max. 203 × 179,4 × 52,4 mm min. 2.5 × 7.0 × 2.0 in max. 8.0 × 7.0 × 2.0 in
Mounting position	any

Order information

Order number	Designation	Outlet
81770-1	metering device	1
81770-2	metering device	2
81770-3	metering device	3
81770-4	metering device	4
81770-5	metering device	5
81770-6	metering device	6