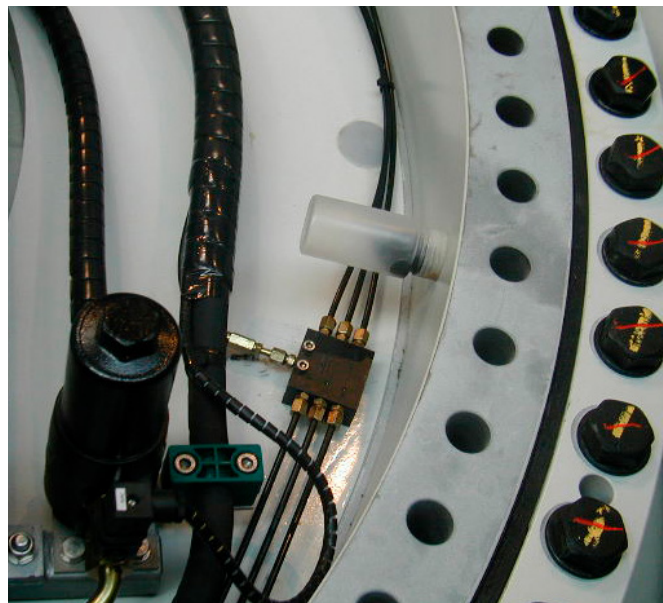


Metering device

SSV



Description

SSV are single block progressive metering devices that reliably divide the incoming lubricant in predetermined individual quantities. SSVs can be used with high backpressures, and they are ideally suitable for a wide range of temperatures. The maximum operating pressure is 350 bar. SSV metering devices are available with 6 to 22 outlets. Monitoring is possible via pin indicator for visual system monitoring or with piston detector for electrical system monitoring.

Features and benefits

- Sizes up to 22 outlets
- High operating pressure
- Available in different materials
- Exact lubricant metering
- Unique internal crosssporting technology
- Optionally equipped with visual monitoring pin or with electrically monitored piston detector

Applications

- Construction and mining
- Farm machinery
- Industrial equipment
- Renewable energies

Technical data

Function principle	block metering device
Outlets ¹⁾	6 to 22
Lubricant	
Grease:	up to NLGI 2
Oil:	at least 40 mm ² /s
Metering quantity per cycle and outlet:	0,2 cm ³ ; 0,01 in ³
Connection inlet	G 1/8 or 1/8 NPTF
Connection outlet ²⁾	M10 x 1
Operating temperature	-40 to +200 °C -40 to +390 °F
Operating pressure	max. 350 bar; 5 075 psi
Material	black chromated steel, stainless steel
Dimensions	min. 60 x 60 x 30 mm max. 180 x 60 x 30 mm min. 2.37 x 2.37 x 1.18 in max. 7.087 x 2.63 x 1.18 in
Mounting position	any

¹⁾ Crosssporting or closing outlets possible to increase metering quantity of the open outlets - outlet #1 and #2 should never be closed
²⁾ Use special SSV outlet fittings

NOTE

Further technical information, technical drawings, accessories, spare parts or product function descriptions are available on SKF.com/lubrication:
12401 EN

Metering device

SSV

Order information

Outlets	SSV metering device, standard design	SSV metering device incl. indicator pin for visual monitoring	SSV metering device incl. emergency lubrication nipple	SSV metering device incl. proximity switch for electrical monitoring, cable (3 m, 9.8 ft), no plug	SSV metering device incl. indicator pin and proximity switch for electrical monitoring, cable (2 m, 6.6 ft), no plug	SSV metering device incl. piston detector for electrical monitoring with connection M12, 3 wire
		K	E	N ¹⁾	KN ¹⁾	NP ¹⁾

SSV BSPP black chromated

6	619-26473-1	619-26474-3	619-77345-1	619-28257-1	619-27613-1	619-29050-1
8	619-25730-2	619-25754-4	619-77346-1	619-28258-1	619-27614-1	619-29051-1
10	619-26841-1	619-26842-2	619-77347-1	619-28259-1	619-27615-1	619-29052-1
12	619-25731-2	619-25755-4	619-77348-1	619-28260-1	619-27616-1	619-29674-1
14	619-28862-1	619-28871-1	619-77349-1	619-28890-1	619-29028-1	619-29387-1
16	619-28863-1	619-28872-1	619-77350-1	619-28907-1	619-28905-1	619-29951-1
18	619-28864-1	619-28873-1	619-77351-1	619-28957-1	619-28959-1	619-29139-1
20	619-28865-1	619-28874-1	619-77352-1	619-28935-1	619-28934-1	619-77301-1
22	619-28866-1	619-28875-1	619-77353-1	619-29015-1	619-77461-1	619-29973-1

SSV BSPP, stainless steel 1.4305

6	619-27471-1	619-27472-1	619-77680-1	-	-	619-29929-1
8	619-27473-1	619-27474-1	619-77681-1	-	-	619-29322-1
10	619-27475-1	619-27476-1	619-77682-1	-	-	619-29970-1
12	619-27477-1	619-27478-1	619-77683-1	-	-	619-29971-1
14	619-29063-1	619-29067-1	619-77684-1	-	-	619-29993-1
16	619-29064-1	619-29068-1	619-77685-1	-	-	619-29994-1
18	619-29065-1	619-29069-1	619-77686-1	-	-	619-77178-1
20	619-29066-1	619-29074-1	619-77687-1	-	-	-
22	619-29775-1	619-77910-1	619-77688-1	-	-	619-77179-1

SSV BSPP, stainless steel 1.4571

6	619-27824-1	619-28840-1	-	-	-	-
8	619-27825-1	619-28841-1	-	-	-	-
10	619-27889-1	619-28842-1	-	-	-	-
12	619-27900-1	619-28843-1	-	-	-	-

SSV NPT(F), black chromated

6	619-27121-1	619-27122-1	-	-	-	-
8	619-26396-2	619-26646-2	-	-	-	-
10	619-26844-1	619-26845-2	-	-	-	-
12	619-26398-2	619-26648-2	-	-	-	-
14	619-29400-1	619-28899-1	-	-	-	-
16	619-29401-1	619-28900-1	-	-	-	-
18	619-77828-1	619-28901-1	-	-	-	-
20	619-77829-1	619-28902-1	-	-	-	-
22	-	619-77254-1	-	-	-	-

SSV NPT(F), stainless steel 1.4305

6	619-27792-1	619-27793-1	-	-	-	-
8	619-27796-1	619-27797-1	-	-	-	-
10	619-27800-1	619-27801-1	-	-	-	-
12	619-27804-1	619-27805-1	-	-	-	-
14	-	619-77101-1	-	-	-	-

SSV BSPP, nickel-plated

6	619-78102-1	-	-	-	-	-
8	619-78103-1	-	-	-	-	-
10	619-78104-1	-	-	-	-	-
12	619-78105-1	-	-	-	-	-
14	619-78106-1	-	-	-	-	-
16	619-78114-1	-	-	-	-	-
18	619-78115-1	-	-	-	-	-
20	619-78116-1	-	-	-	-	-
22	619-78117-1	-	-	-	-	-

¹⁾ The function monitoring of KN, N and NP requires an adequate processing of the signal by a lubrication pump with control PCB or by an external control unit.

Accessories

SSV

Outlet fittings, push-in type; valve body with clamping ring

Order number	Designation	Material	Tube Ø mm	Connection
226-14091-6	RV 6511-4-M10x1-S02	brass, nickel-plated	4	plastic tube
226-14091-4	RVM 6511-6-6M10x1-S01	brass, nickel-plated	6	plastic tube hose stud with groove
226-14091-2	RV 6511-6-M10x1-S01	brass, nickel-plated	6	plastic tube
226-14091-8	WRVM 6521-6-M10x1 valve body 90°	brass, nickel-plated	6	plastic tube hose stud with groove
226-14091-9	WRV 6511-6-M10x1 valve body 90°	brass, nickel-plated	6	plastic tube

226-14091-8



Outlet fittings, screw type

Order number	Description	Material	Tube Ø mm
504-30345-2	check valve assembly	steel, black chromated	4
504-30344-4	check valve assembly	steel, black chromated	6
504-31864-1	check valve assembly	steel, black chromated	8 ¹⁾
504-31863-1	check valve assembly	steel, black chromated	8 ¹⁾
504-31709-1	check valve assembly	stainless steel, 1.4571	4
504-31705-1	check valve assembly	stainless steel, 1.4571	6

¹⁾ M10x1 (f) thread for GE-fittings with 8 mm tubing, fitting not included

226-14091-4



Outlet closure plug

Order number	Description
303-17499-3	outlet closure plug with sealing edge, steel
303-19346-2	outlet closure plug with sealing edge, stainless steel
219-13798-3	O-ring for stainless steel closure plug; if after tightening with 18 Nm not sealed

303-17499-3



Outlet combining element

Order number	Description	Material	Tube Ø mm
519-31826-1	external outlet combining element for outlets 1 and 2	steel, black chromated	6

519-31826-1



Accessories

SSV

Universal piston detector

Order number	Description
234-13163-9	universal piston detector 10–36 V DC
234-11454-1	bipolar piston detector 10–36 V DC
419-74031-1	adapter SSV/SSVD
237-13442-4	M12 socket, 5-pol., straight
237-13442-6	M12 socket, 5-pol., 90° with cable 5 m (16 1/2 ft)
236-10022-7	M12 socket, 5-pol., straight with cable 10 m (33 ft)

Piston detector with cable

Order number	Description
664-85282-7	piston detector with cable; 3 m (10 ft)
664-85282-6	universal piston detector with cable 2 m (6 1/2 ft)
664-85282-8	piston detector with cable; 5 m (16 1/2 ft)

Piston detector with cable and bayonet plug

Order number	Description
664-85242-2	piston detector with cable; 3 m (10 ft); bayonet plug
664-85242-5	piston detector with cable; 7 m (23 ft); bayonet plug

Pressure indicating units for SSV

Order number	Description	Pressure	
		bar	psi
532-60073-1	pressure indicator assembly	50	725
532-60075-1	pressure indicator assembly	200	2 900
532-60085-1	pressure indicator assembly	270	3 915

Accessories for proximity switch KS

Order number	Description
519-36713-7	limit switch with accessories
236-13281-2	limit switch with cable 1 m (3 1/4 ft)

Accessories for proximity switch KN

Order number	Description
234-10812-8	proximity switch PNP, 10–30 VDC,
234-13134-5	proximity switch NPN, 10–30 VDC
519-30911-1	adapter with stop

Pressure checking set

Order number	Description
604-36879-1	set for checking pressure and function

Special screwdriver

Order number	Description
404-22614-1	special screwdriver for closure plugs on SSV metering devices

Bracket SSV

Order number	Description	Material
307-19543-1	bracket for SSV	steel, galvanized
519-34271-1	bracket for SSV14 .. SSV22 incl. 2 screws and washer	steel, galvanized

307-19543-1



519-34271-1

