

SKF MonoFlex prelubrication distributors of product series 340

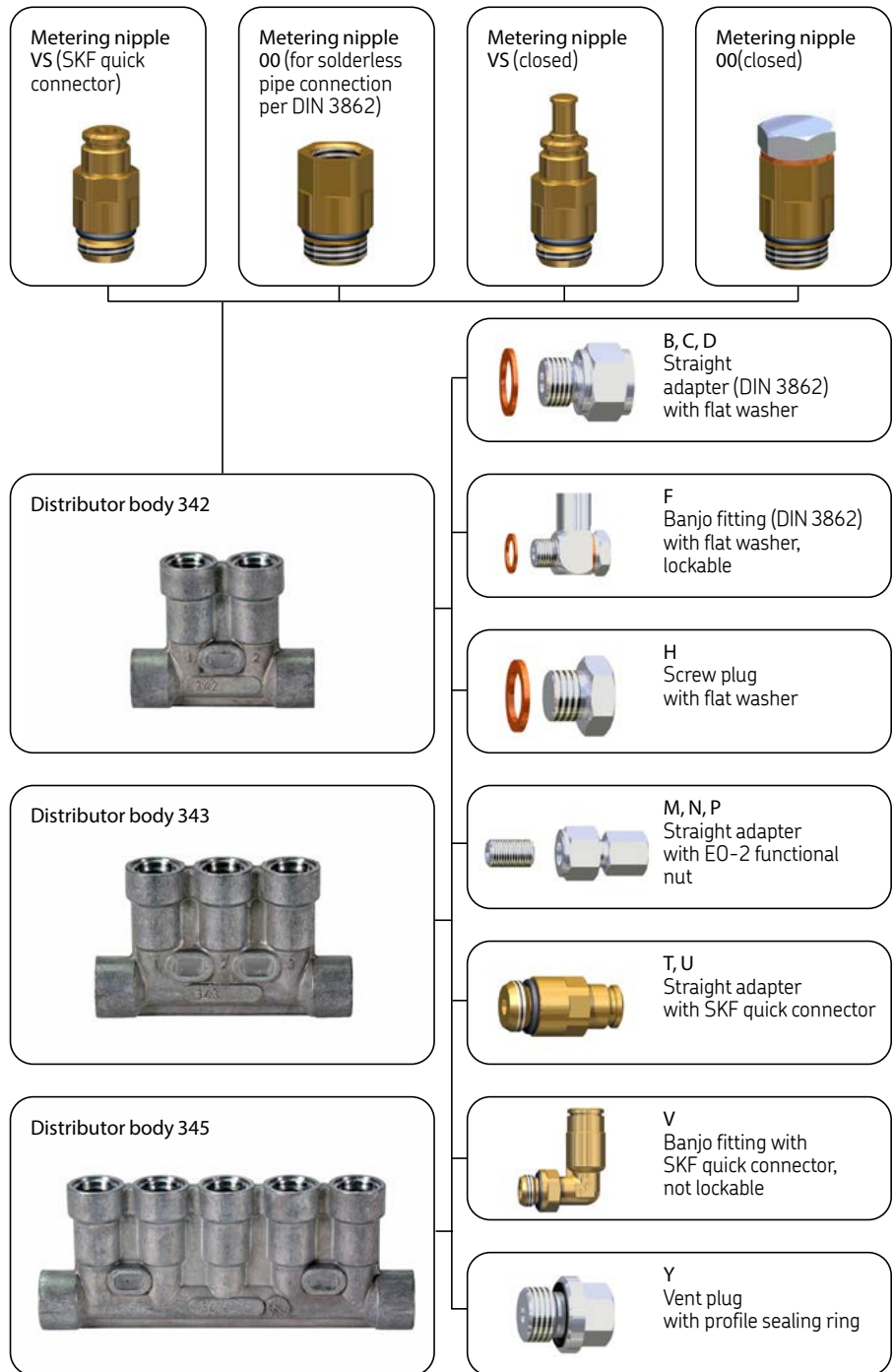
General

SKF MonoFlex single-line distributors of product series 340 are 2-, 3-, and 5-port prelubrication distributors for MonoFlex single-line centralized lubrication systems for oil and fluid grease lubrication. These single-line distributors are designed for installation directly on the machine/system requiring lubrication. SKF MonoFlex single-line distributors of product series 340 can be ordered with fittings for the main line connection. This can be indicated on the order by selecting the corresponding letter for the desired fitting in the order code.

The available metered quantities are in the range from 0,01 – 0,16 cm³. The metering nipples have a mark indicating the metered quantity. To better distinguish between different designs, metering nipples for oil are made of brass and metering nipples for fluid grease are made of nickel-plated brass. The lubrication point line can be connected to the metering nipple using SKF quick connectors or solderless pipe connections (DIN 3862) depending on the selected metered quantity. Lubrication point lines can be connected that are made of metal pipe, plastic pipe, or hose lines with metal pipe connectors. The diameter of the lubrication point line that will be connected can be either 2,5 mm or 4 mm. The lubrication point outlet can be closed using a locking pin (SKF quick connector) or a screw plug with a flat washer (solderless pipe connection). The metering nipples for metered quantities above 0,03 cm³ can be replaced later to yield different metered quantities.

The components made of elastomers inside the multi-port single-line distributors are made of NBR or FKM (FPM) depending on the design.

The distributor body is made of zinc die-cast. Holes to secure the multi-port single-line distributors to the machine/system are cast into the distributor body. The main line connection on the distributor body has a counterbore for mounting a solderless pipe connection for metal or plastic pipe diameter of 6 mm (M10x1 thread). Various fittings, from SKF quick connectors to screw plugs, that are matched to the thread size of the main line connection are available.



See the following pages for further information on product series 340. Details on accessories for SKF MonoFlex single-line centralized lubrication systems are part of this catalog.

! The main line fittings B – Y can be mounted both on the left and the right side of the distributor body. The configurator on the following page allows specification of a single-line distributor with main line fittings in a single order code.

SKF MonoFlex prelubrication distributors of product series 340

Configurator

Order code

3

4

-

-

-

-

-

-

-

Product series

Number of metering points (2, 3, 5)

Code letter

Design of lubrication point line connection
(VS = SKF quick connectors; 00 = solderless pipe connection)

Metering point 1

Metering point 2

Metering point 3
(0 = not present, on 342)

Metering point 4
(0 = not present, on 342, 343)

Metering point 5
(0 = not present, on 342, 343)

Design and metered quantity

Design code	2	4	8	5
Lubricant	Oil	Oil	Oil	Fluid grease
Lubrication point line [mm]	2,5	4	4	4
Distributor body material	Zinc die-cast	Zinc die-cast	Zinc die-cast	Zinc die-cast
Metering nipple material	Brass	Brass	Brass	Brass, nickel-plated
Elastomer material	NBR	NBR	FKM (FPM)	NBR
Lubrication point line connection	00	VS 00	VS 00	VS 00
Metered quantity code [cm ³]	0,01 ¹⁾ 0,02 ¹⁾ 0,03 0,06 0,10 0,16 closed ²⁾	1 - 2 3 4 5 V	1 6 2 3 4 5 V	1 6 2 3 4 5 V

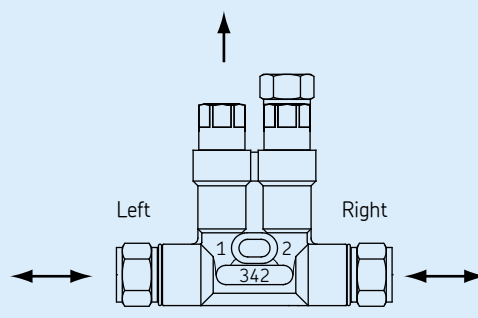
¹⁾ Subsequent modification of the metered quantity is not technically possible.
²⁾ V = Metered quantity of 0,03 cm³, closed

Fittings for main line connection

Description	ø main line [mm]	Code
Straight adapter	6	B
DIN 3862 with flat washer ¹⁾	8	C
	10	D
Banjo fitting DIN 3862 with flat washer, lockable ^{1) 2)}	6	F
Screw plug with flat washer	-	H
Straight adapter with EO-2 functional nut	6	M
	8	N
	10	P
Straight adapter with SKF quick connector	6	T
	8	U
Banjo fitting with SKF quick connectors, not lockable	6	V
Vent plug with profile sealing ring	-	Y
Without fitting; for solderless pipe connection ¹⁾	6	Z

¹⁾ Solderless pipe connection according to DIN 3862 (operating pressure max. 45 bar)
²⁾ Banjo bolt only inserted in delivery condition, not tightened

Order example



342-400-2V000-BB

- Two-port single-line distributor for oil
- NBR design
- Lubrication point line connection per DIN 3862 for pipe ø 4 mm,
- Metered quantity for port 1 = 0,03 cm³
- Metered quantity for port 2 = 0,03 cm³, closed
- Main line fitting left and right = straight adapter (DIN 3862) with flat washer for pipe ø 6 mm

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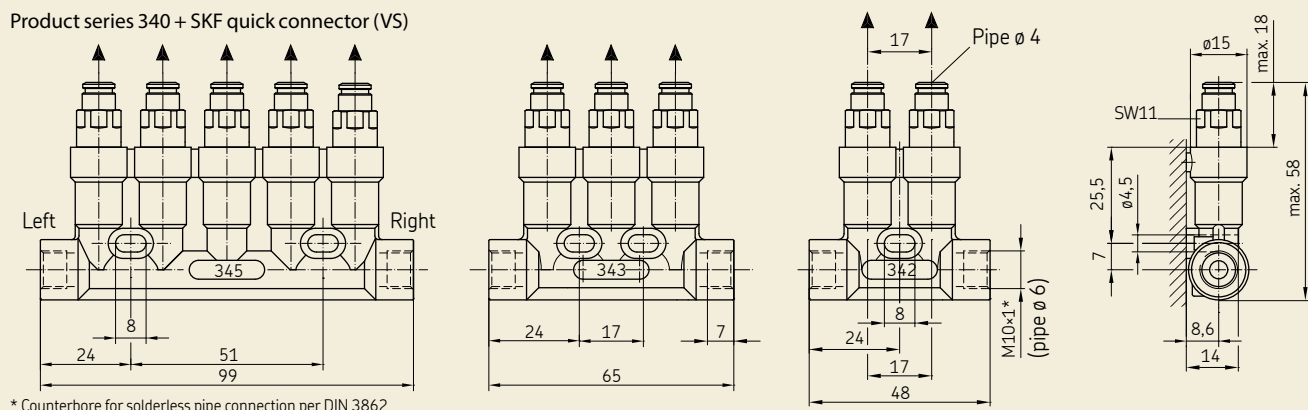
SKF

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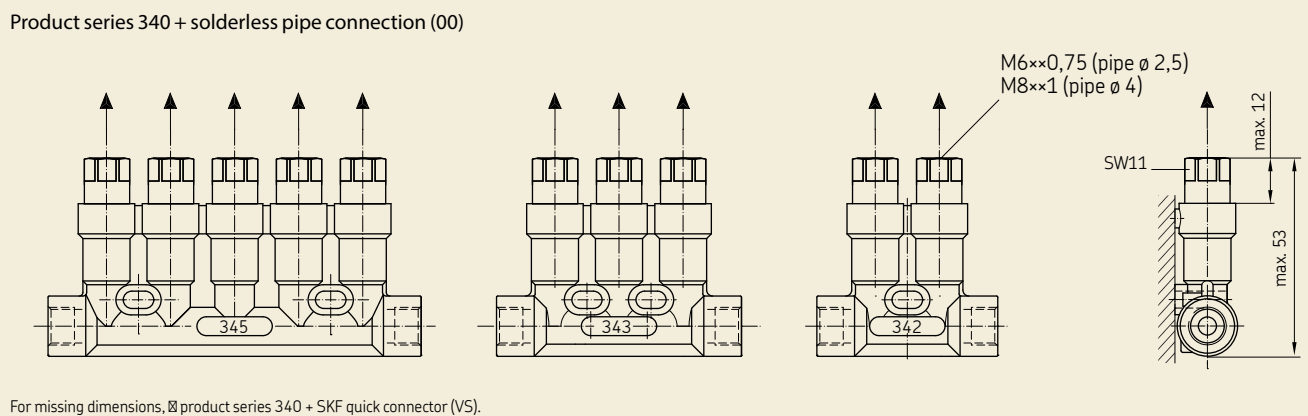
SKF MonoFlex prelubrication distributors of product series 340

Dimensions

Product series 340 + SKF quick connector (VS)



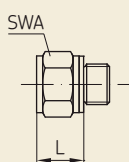
Product series 340 + solderless pipe connection (00)



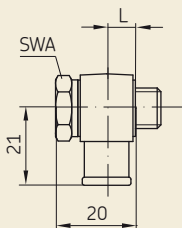
Fittings for main line connection

(see page 26 for exact designation)

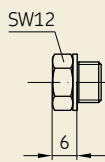
B, C, D



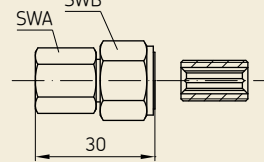
F



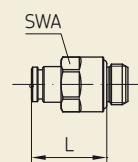
H



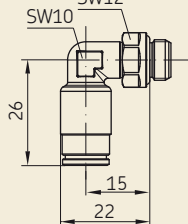
M, N, P



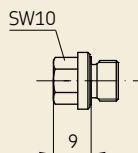
T, U



V



Y



Widths across flats and lengths

Code	B	C	D	F	M	N	P	T	U
Ø main line [mm]	6	8	10	6	6	8	10	6	8
SWA	14	17	19	14	14	17	19	12	14
SWB	-	-	-	-	17	17	17	-	-
Length L [mm]	12	22	23	8	-	-	-	21	27

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Technical data

Product series 340

Lubricant	Metered quantity [cm ³]	Metering nipple	Operating pressure [bar] min. max.	Relief pressure [bar]	Operating temperature [°C]
Mineral and synthetic oil 20 – 2 000 mm ² /s; compatible with zinc die-cast, FKM (FPM)/NBR, brass, steel	0,01 – 0,02	00	12	45	max. 3
		VS	12	80	max. 3
	0,03 – 0,16	00	6	45	≤ 1
		VS	6	80	≤ 1
Fluid grease of NLGI Grade 000, 00; compatible with zinc die-cast, NBR, brass, steel	0,03 – 0,10	00	12	45	max. 3
		VS	12	80	max. 3

Mark on metering nipple

Metered quantity [cm ³]	Mark
0,01	1
0,02	2
0,03	3
0,06	6
0,10	10
0,16	16

Accessories

Order numbers for metering nipples for oil (replaceable)

ø lubrication point line [mm]	Metering nipple material	Elastomer material	Metering nipple	Metered quantity [cm ³]			
				0,03	0,06	0,10	0,16
2,5	Brass	NBR	00	995-994-003	995-994-006	995-994-010	995-994-016
4	Brass	NBR	VS	995-994-103-VS	995-994-106-VS	995-994-110-VS	995-994-116-VS
4	Brass	NBR	00	995-994-103	995-994-106	995-994-110	995-994-116
4	Brass	FKM (FPM)	VS	341-453-S8-VS	341-456-S8-VS	341-460-S8-VS	341-466-S8-VS
4	Brass	FKM (FPM)	00	341-453-K-S8	341-456-K-S8	341-460-K-S8	341-466-K-S8

Order numbers for metering nipples for fluid grease (replaceable)

ø lubrication point line [mm]	Metering nipple material	Elastomer material	Metering nipple	Metered quantity [cm ³]			
				0,03	0,06	0,10	
4	Brass, nickel-plated	NBR	VS	341-853-VS	341-856-VS	341-860-VS	
4	Brass, nickel-plated	NBR	00	341-853-K	341-856-K	341-860-K	

Fittings for metering nipples

Description	ø lubrication point line [mm]	Pipe thread	Order number A	B	C
Screw plug with flat washer for solderless pipe connection	2,5	M6x0,75	402-011.U1	–	–
	4	M8x1	404-011.U1	–	–
Locking pin (A) for SKF quick connectors	4	–	450-204-002	–	–
Solderless pipe connection for metal pipeline* consisting of socket union (A) double cone sleeve (B)	2,5	M6x0,75	402-002	402-001	–
	4	M8x1	404-002	404-001	–
Solderless pipe connection for plastic pipe* consisting of socket union (A), reinforcing socket (B), and tapered sleeve (C)	2,5	M6x0,75	402-612	402-603	402-611
	4	M8x1	404-612	404-603	404-611

* For more information, see page 14.