

High-pressure hose H

Tailored hoses in custom lengths and fittings for lubrication systems and general use

NOW AVAILABLE PREFILLED WITH STANDARD OR SPECIAL GREASE



What configuration are you looking for?



Ready-made hoses with fittings and individual lengths allow a cleaner and faster lubrication system assembly.





Hose end fitting ready for solderless pipe union with cutting sleeve fittings are the most common connection type in high pressure grease lubrication systems. Various designs with 0°, 45° or 90° angles complete the offer.



SKF offers a wide range of solutions for hose protection including spiral hoses, plastic helixes, spring coils and corrugated tubes.



Hoses prefilled with standard greases drastically reduce installation time. Hoses can also be prefilled with your own choice of grease.



Screw fittings incl. union nut and cutting sleeve are a very common connection type in high pressure grease lubrication systems. Various designs with 0°, 45° or 90° angles complete the offer.

Three different hose markings improve

hose and lubrication point matching in

the installation and maintenance pro-

cess of machines and vehicles.

Customized markings



SKF quick connectors are the fastest way to connect lubrication lines. The fittings feature internal claws to hold the tubing tight, even at 350 bar (*5076 psi*). Various designs with 0°, 45° or 90° angles complete the offer.





Press fittings incl. union nut and sealing cone are a very common connection type in high pressure grease lubrication systems. Various designs with 0°, 45° or 90° angles complete the offer.



Prints on the hoses containing key properties such as length, diameter and fitting allow easy identification simplifying the reordering/maintenance



Description

Tailored high-pressure hoses are configurable hoses in custom lengths and fittings for quick and easy mounting. They are available prefilled with standard greases and come with nominal diameters of 6, 8 and 10 mm. In case of demanding operating environments of the lubrication system consider using hose protections. To simplify installation of more complex systems with many lubrication lines SKF offers customer-specific markings, for example with a hose label, printing or with clips. Configuration of tailored hoses takes place via SKF online configurator or via SKF parts library app.

Features and benefits

- Individual hose lengths and customized fittings for quick and easy installation
- Easy online configuration with automatically created order numbers and CAD data download
- Prefilled with standard or individual grease
- Customized hose end markings
- Imprints for easy identification
- Optional hose protection

Applications

- Construction machinery
- Agriculture machinery
- Renewable energy
- Railways
- Marine

Technical data

Function Operating temperature

Material

Nominal diameter Lengths Lubricants Optional markings high-pressure hoses ND6, ND8 = -40 to +70 °C, -40 to 158 °F ND10 = -40 to +100 °C, -40 to 212 °F polyamide (soft), polyester (high strength), polyurethane, synthetic rubber 6, 8 or 10 mm $80-50\ 000\ mm;\ 3.14-1\ 968\ in$ oil, fluid grease and grease up to NLGI 3 label, printing or clips

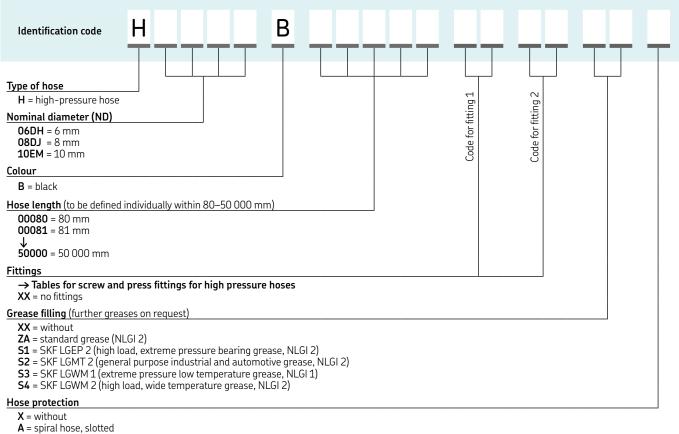
Dimensions and details of high-pressure hoses

Nominal	Outer	Bending	Burst	
diameter	diameter	radius min.	pressure	
mm	mm	mm	bar	psi
4	8.75	35	800	11 600
6	11.3	50	840	12 138
8	16.9	55	520	7 540

Pressure utilization rate

Temperature in °C	23	30	40	50	60	70	80
Pressure utilization rate in %	100	83	72	64	57	52	47

Screw fittings for high-pressure hoses



B = plastic helix

 \mathbf{C} = spring coil

D = corrugated tube

Order example

H06DHB02500BCBDZAD

• BEL tube stud, 45° angle

Corrugated tube ND10

• SKF standard grease filled

- High pressure hose
- Nominal Ø 6 mm
- Material PUR
- Wall thickness 2.3 mm
- Black tubing
 Tube length 2 500 mm
- BEL tube stud, 90° angle

Online configurator

3D CAD data, technical drawings and data sheets of high-pressure hoses are now available in native format in the online parts library. In addition to enjoying easy CAD downloads, you can combine and configure hoses with the fittings of your choice and integrate them into your design process.

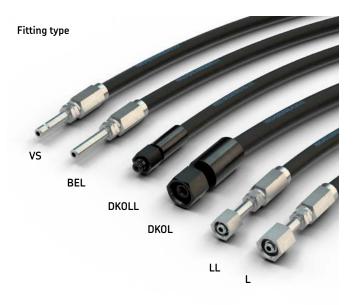


https://skf-lubrication.partcommunity.com

Code	Description	L	Н	ND	Part number
		mm	mm	mm	
Stainle CA CB CC CD	ess steel BEL, straight BEL , 90° angle VS, straight VS, 90° angle	36 22 39 19	- 21 - 35	6 6 6	855-380-002 855-380-003 855-380-002-VS 855-380-003-VS
Zinc-n AA AB AC AD AF AG AH AJ AK DA	ickel surface treati VS, straight VS, straight VS, 90° angle VS, 45° angle VS, straight VS, 90° angle VS, 45° angle VS, 30° angle VS, 10° angle VS, straight	ment, Cr 32 39 19 40 75 30 65 70 71 39	- 6-free - - 35 23 - 50 24 17 6 -	6 6 6 6 6 6 6 6 8	853-370-002-VS 853-380-002-VS 853-380-003-VS 853-380-004-VS 853-390-002-VS 853-390-003-VS 853-390-004-VS 853-390-005-VS 853-390-006-VS 406-708-005-VS
BA BB BD BF BG EA ED ED EE FA	BEL, straight BEL, straight BEL, 90° angle BEL, 45° angle BEL, straight BEL, 90° angle BEL, 90° angle BEL, straight BEL, straight BEL, 90° angle BEL, 45° angle BEL, straight	26 30 19 29 75 30 30 26 32 53 25 43 35	- 22 16 - 50 36 - - 34 26 -	6 6 6 6 8 8 8 8 8 8 8 8 10	853-370-002 853-380-002 853-380-003 853-380-004 853-390-002 853-390-003 853-390-004 406-708-005 406-708-007 406-708-007 406-708-008 406-708-009 406-710-002
PA PB PC PE PF PG PJ PK PN PN	LL, straight LL, straight LL, 90° angle LL, 45° angle LL, straight LL, 90° angle LL, 90° angle LL, straight LL, straight LL, straight LL, 90° angle LL, 45° angle	26 30 19 29 75 30 30 26 32 53 25 43	- 22 16 - 50 36 - - 34 26	6 6 6 6 6 6 6 8 8 8 8 8 8 8	853-370-002 853-380-002 853-380-003 853-380-004 853-390-002 853-390-003 853-390-004 406-708-005 406-708-006 406-708-007 406-708-008 406-708-009
SA SB SF SG SJ SK SL SM SN	L, straight L, straight L, straight L, 90° angle L, 90° angle L, straight L, straight L, straight L, 90° angle L, 45° angle	26 30 75 30 26 32 53 25 43	- 50 36 - 34 26	6 6 6 6 8 8 8 8 8 8	853-370-002 853-380-002 853-390-002 853-390-003 853-390-004 406-708-005 406-708-006 406-708-007 406-708-008 406-708-009

VS = quick connector LL = cutting sleeve fittings extra light version L = cutting sleeve fittings light version

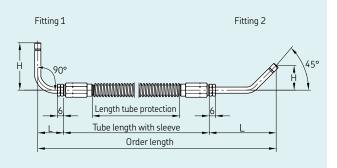
BEL = hose end fitting ready for solderless pipe union with cutting-sleeve fitting



Press fittings for high-pressure hoses									
Code	Description	L	Н	ND	Part number				
		mm	mm	mm					
Zinc-iron surface treatment, Cr-6-free									
LA LB MA MB	DKOLL, straight DKOLL, 90° angle DKOL, straight DKOL, 90° angle	19 12 21 12	- 19 - 22	6 6 6	532-32492-1 532-32302-1 532-32491-1 532-32301-1				
NA NB NC ND	DKOL, straight DKOL, 90° angle DKOL, straight DKOL, 90° angle	14 25 20 23	- 31 - 31	6 6 8 8	226-10087-2 226-10087-5 226-10087-3 226-10087-6				

DKOLL = press cutting cone fittings extra light version DKOL = press cutting cone fittings light version

High-pressure hose with fittings



High-pressure hoses

High-pressure hoses

Hose protections

To protect high-pressure hoses used in demanding operating environments, consider equipping them with additional hose protection. SKF offers spiral hoses, plastic helixes, spring coils and corrugated tubes that offer effective protection against hail e.g., also allowing bundling of individual hoses to form a compact strand. This simplifies installation, reduces the number of needed fixing parts and saves space.

Features and benefits

- Line protection for demanding operating conditions
- Protects against light mechanical influences
- Protects against weather influences as hail e.g.
- Simple and fast installation
- Space saving installation

Spiral hose, slotted



Plastic helix



Spring coil

Corrugated tube

Hose markings

Customer-specific markings designed as hose label, printing or with clips are available on request. Hose markings simplify installation of more complex lubrication systems with numerous lubrication points. For technical reasons clip markings have a limit of max. five letters/ numbers and hoses with printed markings have a lengths limit of 15 m. Customized hose markings are available for all hose types/ diameters offered in this publication.

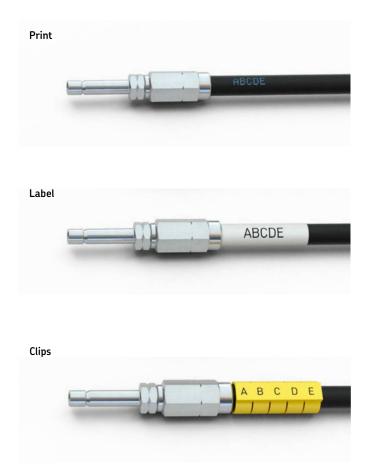
Features and benefits

- Print, label and clip markings
- Individual high-pressure hoses
- Simplified and faster installation
- Simplified repair and maintenance

Hose protections

		Suitable nominal hose diameter						
Design	Ø	06	08	10	Material	Order code letter	Part number	
	mm						per linear meter	
Spiral hose, slotted	6–9 10–16	• -	- •	- •	polypropylene polypropylene	A A	982-760-102 982-760-172	
Plastic helix	5–20 9–30	• -	- •	- •	soft polyethylene, black colour soft polyethylene, black colour	B B	113-35075-2 113-35075-3	
Spring coil	10.6 12.5 17.0	• - -	- • -	- - •	stainless steel stainless steel stainless steel	C C C	982-760-132 982-760-142 111-35306-5	
Corrugated tube	10.0 12.3	• -	- •	-	polyamide 6, black colour polyamide 6, black colour	D D	982-760-130 982-760-160	





skf.com | skf.com/lubrication | skf.com/h-hoses

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