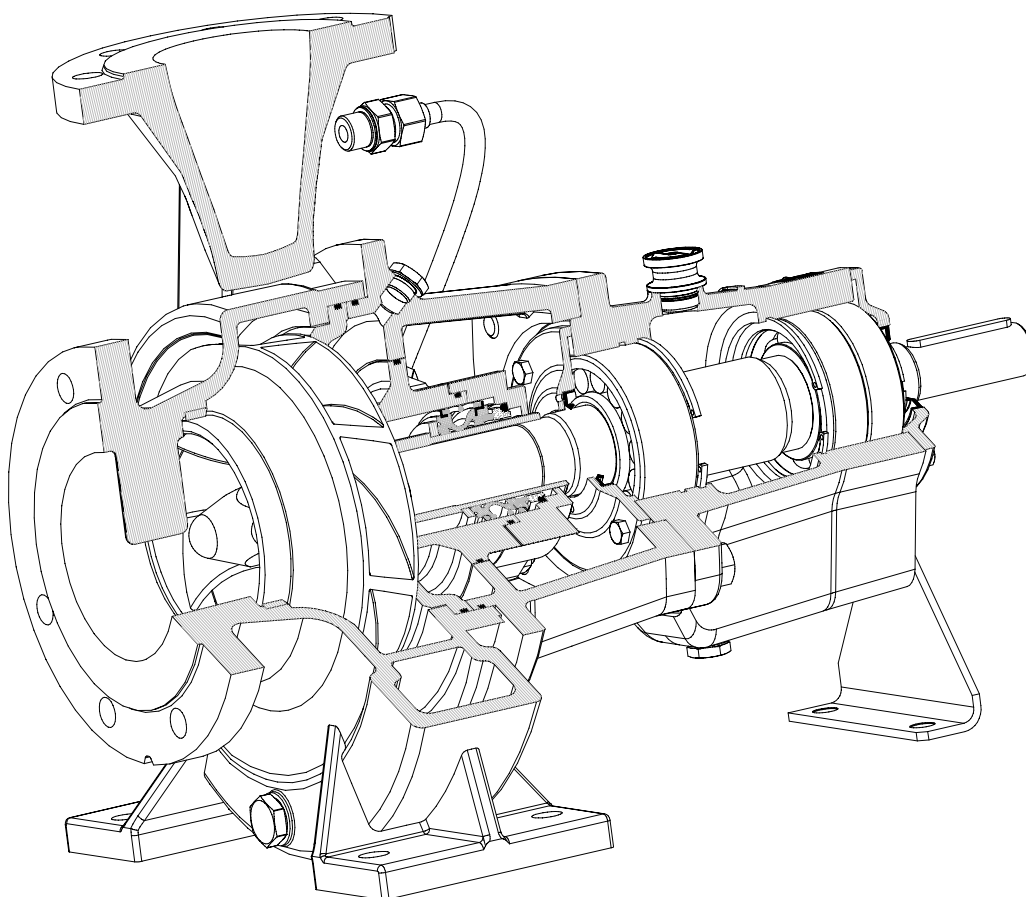


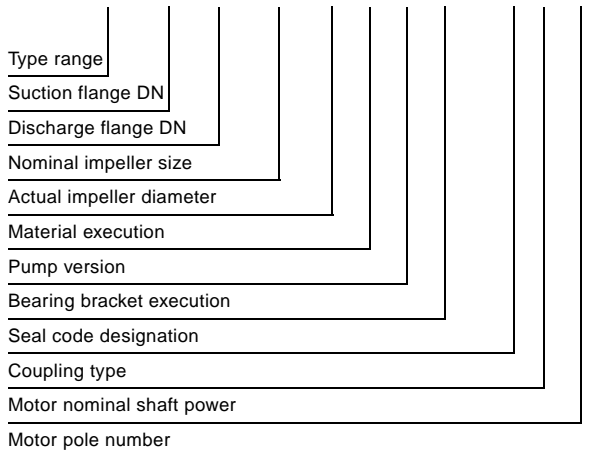
Spare parts CATALOGUE



Type key

For units without motor the motor data are left out, and for bare shaft pumps the coupling and motor data are left out.

NKS 125 - 100 - 200 / 190 - 3 - W - L - BAQE - 2 / 11 / 4



The example describes a complete pump set NKS 125-100-200 with an impeller diameter of 190 mm, of austenitic steel material number DIN1.4408 according to EN10088 with casing ring in material 1.4408, mechanical seal type BAQE, with a spacer coupling type PSM, and a 4-pole 11 kW motor.

Codes for pump version

Code	Description of pump design
W	Closed impeller, neck ring in casing
Ex	As above, execution acc. to ATEX

Codes for bearing bracket

Code	Description of bearing type on drive side
L	Single-row ball bearing (63xx)
H	Double-row angular contact ball bearing (33xx)
J	Twinned single-row angular contact ball bearing (73xx)

Codes for material

Version	1	2	3**	4	6	8**	5	7	9**
Component	cast steel	austenitic steel	austenitic steel	cast steel	austenitic steel	austenitic steel	cast steel	austenitic steel	austenitic steel
Volute	1.0619	1.4308	1.4408	1.0619	1.4308	1.4408	1.0619	1.4308	1.4408
Cover	1.0619	1.4308	1.4408	1.0619	1.4308	1.4408	1.0619	1.4308	1.4408
Stuffing flange	1.0619	1.4308	1.4408	1.0619	1.4308	1.4408	1.0619	1.4308	1.4408
Impeller	1.0619	1.4308	1.4408	1.0619	1.4308	1.4408	1.0619	1.4308	1.4408
Neck ring	JL 1030*	1.4308	1.4408	bronze (G-CuSn10 Zn)			PTFE+ 25% glass		
Shaft	C45	1.4541	1.4571	C45	1.4541	1.4571	C45	1.4541	1.4571
Gland packing sleeve	JL 1030*	1.4541	1.4571	0.6020	1.4541	1.4571	0.6020	1.4541	1.4571
Mechanical seal sleeve	1.3541	1.4541	1.4571	1.3541	1.4541	1.4571	1.3541	1.4541	1.4571
Lantern	JL 1030* (GG 20)								
Baring housing	JL 1030* (GG 20)								

* EN-GJL-200 according to EN 1561

** material number 1.4408 according to EN10088 resembles ASTM CF-8M

Codes for stuffing box

Position	Code	Description of seal design
1	S	Soft packing type stuffing box
2 cooling	N	Uncooled stuffing box
	K	Cooled stuffing box
3 barrier fluid	E	With internal liquid
	F	With external liquid
	O	Without barrier fluid

Codes for mechanical shaft seal

Position	Code	Description of seal design and materials	
1	A	O-ring seal, unbalanced	
	B	Rubber bellows seal	
	D	O-ring seal, balanced	
	M	Metal bellows seal	
	O	Double seal, back-to-back	
	P	Double seal, tandem	
	Q	Seal with flush, quench seal	
2 rotating ring	W	Double cartridge	
	A	Carbon, metal-impregnated	
	B	Carbon, synthetic resin-impregnated	
	C	Other types of carbon	
	S	Chromium steel	
	3 stationary ring	U	Wolfram carbide (tungsten carbide)
		Q	Silicon carbide
V		Aluminium oxide	
4 rubber	X	Other types of ceramics	
	E	EPDM	
	V	FKM (Viton)	
	K	PFE (Kalrez)	
	M	PTFE-covered O-ring	
	P	NBR (Nitrile)	
	S	Q (Silicone rubber)	
T	PTFE (Teflon)		

Configuration number key

Each of the 8 digits in the configuration number describes one or more possibilities of variation in the construction of the pump (unit).

The number is configured from the tables shown below:

Example: The fourth digit determines the material version of the pump (wetted parts) and the material of the neck ring.

Material pump/neck ring	Code
1.4408 / 1.4408	3
1.4408 / bronze	8
1.4408 / PTFE+glass	9

Nominal Impeller diameter [mm]	Code
125	1
160	2
200	3
250	4
315	5
360	7
400	8
500	9
630	C

Pump size suction-disch.	Code
50-32	1
65-40	2
65-50	Q
80-50	3
80-65	R
100-65	4
100-80	S
125-80	5
125-100	6
150-125	7
200-150	8
250-200	E
300-250	F

Code	Shaft seal
1	BAQE = standard
3	DAQF
5	BQQV
7	BAQV
8	AAQE
9	AAQV
A	SNE Packing
B	SNO Packing
C	SNF Packing
D	SKO Packing
E	GQQE
F	GQQV
G	BQQE
H	AQQE
I	AQQV
J	DQQE
K	DQQV
O	back-to-back seal *)
P	tandem seal*)

*) details from type key

Code	Coupling
0	Without coupling *)
1	Coupling PS
2	Spacer coupling PSM
3	Spacer cplg. PSM-V (Ex)

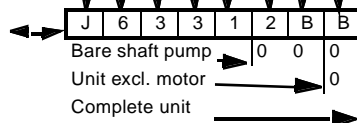
*) Bare shaft pump

Code	P2 kW Motor nom. Power
0	Bare shaft pump
1	0.37
2	0.55
3	0.75
4	1.1
5	1.5
6	2.2
7	3
8	4
9	5.5
A	7.5
B	11
C	15
D	18.5
E	22
F	30
G	37
H	45
K	55
L	75
M	90
N	110
P	132
Q	160
R	200
S	250
T	315
U	355
V	400
W	450
X	500
Y	560
Z	630

First digit does not change

Code	Voltage	Pole
0	Exclusive of motor	
A	3 x 220-240/380-415 V, 50 Hz, 3 x 220-277/380-480 V, 60 Hz	2
B	3 x 380-415 V, 50 Hz, 3 x 380-480 V, 60 Hz	2
C	3 x 220-240/380-415 V, 50 Hz 3 x 220-277/380-480 V, 60 Hz	4
D	3 x 380-415 V, 50 Hz, 3 x 380-480 V, 60 Hz	4
E	3 x 380-415 V, 50 Hz, 3 x 380-480 V, 60 Hz	6
F	3 x 220-240/380-415 V, 50 Hz, 3 x 220-277/380-480 V, 60 Hz	6

Configuration number



Instructions for use of the catalogue

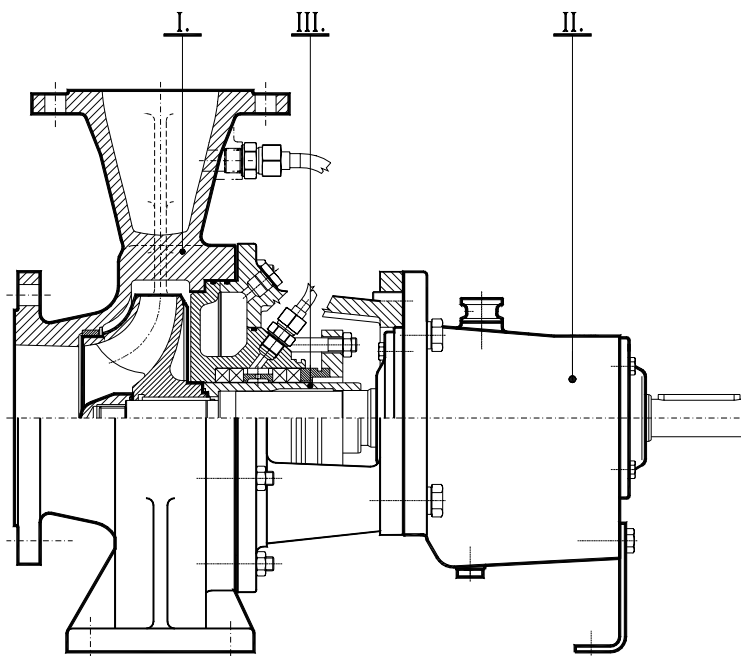
The parts that form NKS pumps are divided in three basic logical units:

- Hydraulic part group I page 7
- Mechanical part group II page 14
- Sealing part group III page 23

The division of a NKS pump to individual groups follows from picture 1.

The mentioned groups are included in the catalogue separately. Each group starts with its own assembly with numbers of positions, and a list with the names of the included parts follows. On following pages, the parts of the particular group are included in ascending order with respect to the numbers of positions.

The individual parts vary according to type size of the pump and they can also vary in dependence on material (or constructional) design of the pump, or they can depend on the utilized seal. We therefore recommend the following procedure for search for the catalogue designation of the spare part:



Picture No. 1- Basic units of the NKS pump

Determine type size of the pump from the following table according to the suction flange, discharge flange and nominal impeller size.

Size	DN1	DN2	Nominal ϕ of impeller
1	50	32	125
2			160
3			200
4			250
5	65	50	125
6			160
7			200
8	80	40	250
9			315
10	80	65	125
11			160
12		50	200
13			250
14			315

Size	DN1	DN2	Nominal ϕ of impeller
15	100	80	125
16			160
17			200
18			250
19	125	65	315
20			160
21			200
22	125	80	250
23			315
24			400
25			200
26	100	100	250
27			315
28			400

Size	DN1	DN2	Nominal ϕ of impeller
29	150	125	250
30			315
31			400
32	200	150	250
33			315
34			400
35**			500
36**	250	200	315
37**			400
38**			500
39**			630
40**	300	250	315
41**			400
42**			500
43**			630

Table 1: Determination of type size of the assembly

Notes:

**) These pumps exceed the prescriptions stated in ISO 2858, but follow generally accepted sizing guidelines.

- According to picture, determine 1 which group the required spare part belongs to. If you are not certain, you can get better idea from assemblies of the individual groups included in picture 2 (page 6), picture 14 (page 14), picture 35 (page 22), picture 36 (page 22) and picture 37 (page 23).
- Determine the name of the required spare part and number of the position according to appropriate set of the group of parts and according to the following list of parts on pages 6, 14 or 23.
- After you determine the type size of the pump, number of the position of the required spare part and affiliation of the required spare part to the particular group, determine the designation of size of the required part from table 2 (page 7), table 17 (page 15), or table 40 (page 24).
- Find appropriate table for the part needed.
- For parts that do not depend on the material design of the pump, it is also possible to read catalogue designation for ordering of the required spare part of the particular size from the appropriate table.
- In the case that the part depends on material design of the pump, it is necessary to determine code designation of the material design from the type designation (first letter in reading 6). Catalogue designation of the part can then be found in the table in column with corresponding code designation of material design of the pump in the header.
- In the case that impeller is the spare part, it is necessary to determine its effective diameter (reading 5) from type designation and to communicate it to the manufacturer in order to ensure identical operating parameters after the replacement of the spare part.
- In the case that lantern is the spare part, it is necessary to determine code designation of the packing (reading 7) from the type designation of the pump so that it were obvious that the chamber between the cover and lantern is cooled (heated) or not. In the case of an uncooled (unheated) design, there is letter "N" in reading 7 of the type designation of the pump. In the case that compressed packing is fitted in the pump, this letter will be in the second position of the three-letter code. In the case that mechanical packing is fitted in the pump, the letter will be in the last position of the five-letter code. Catalogue designation of the lantern for its individual sizes will then be found in Table 45 in column for code „N“. In the case of a cooled (heated) design, letter "K" will replace letter "N" in the above-mentioned positions in the type designation of the pump. Catalogue designation of the lantern will then be found in Table 45 in column marked as code „K“.
- In the case that pump bearings or support rings are the spare parts, it must be determined from the type designation whether there is basic or reinforced shaft support in the pump. In the case that letter "A" is in the second position of the code designation of construction design (reading 11), the pump is fitted with basic shaft support and catalogue designation of distance rings of the rear bearing and of the rear bearing will be determined from Tables 23 - 25 on pages 20 and 21. In the case that letter "B" is in the second position of the code designation of construction design, the pump is fitted with reinforced shaft support and catalogue designation of distance rings of the rear bearing and of the rear bearing will be determined from Tables 26 and 27 on page 21. In the case of reinforced shaft support, the inner distance ring of the rear bearing is not required. Distance rings of the front bearing and the front bearing will remain identical for both designs.

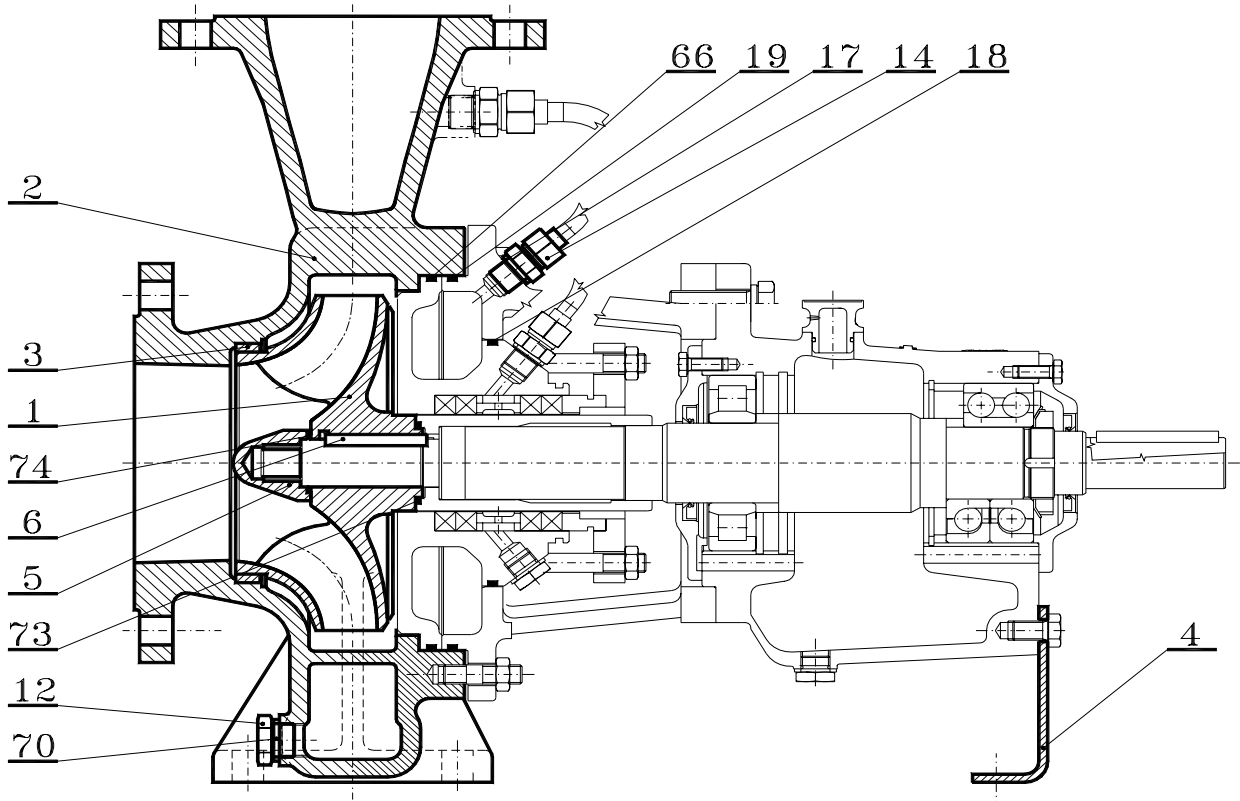
Note:

Parts included in Spare Parts Catalogue are supplied on a common basis.

Connecting parts not included in the catalogue will be supplied at request. The manufacturer will determine their size from provided production number of the assembly.

Informative drawing does not include identification plates and pins.

Hydraulic part of NKS pump – list of parts



Picture No. 2 - Hydraulic part of the NKS pump

Pos.	Description
1	Impeller
2	Pump housing
3	Neck ring
4	Bracket foot
5	Impeller nut
6	Impeller key
12	Drain plug
14	Union for cooling chamber
17	Gasket
18	O-ring for lantern, cover
19	O-ring for lantern, pump housing
66	O-ring for pump cover
70	Gasket
73	O-ring for impeller/sleeve
74	O-ring for impeller nut

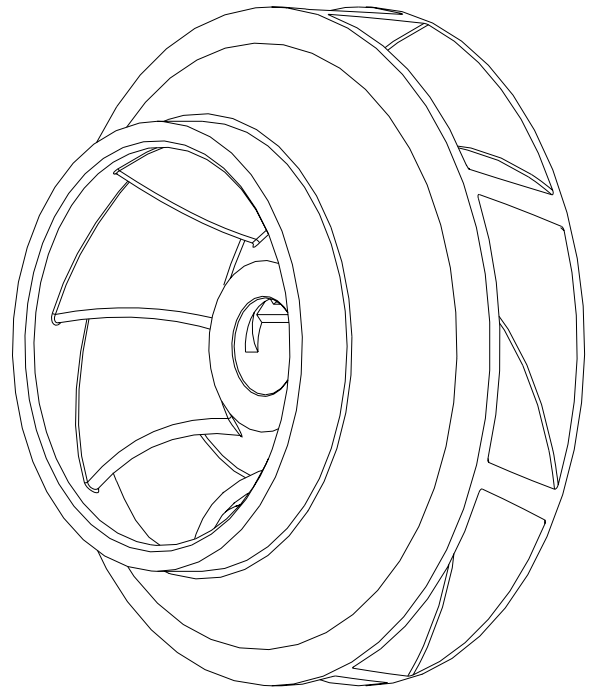
Pos. No.	Pump Size																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Size of the appropriate part																		
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
2	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
3	2			3		1		5	5			4	7	6	8	8			9
4	1	2	3	5	1	2	3	5	6	2	3	3	5	7	3	4	5	6	8
5	1	1	1	2	1	1	1	2	2	1	1	1	2	2	1	2	2	2	3
6	1	1	1	2	1	1	1	2	2	1	1	1	2	2	1	2	2	2	3
12	1	1	1	2	1	2	1	2	2	1	1	2	2	2	2	2	2	2	2
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	2	1	1	1	2	2	1	1	1	2	2	1	2	2	2	3
19	1	2	4	6	1	2	4	6	7	1	2	4	6	7	1	3	5	6	7
66	1	2	4	6	1	2	4	6	7	1	2	4	6	7	1	3	5	6	7
70	1	1	1	2	1	2	1	2	2	1	1	2	2	2	2	2	2	2	2
73	1	1	1	2	1	1	1	2	2	1	1	1	2	2	1	2	2	2	3
74	1	1	1	2	1	1	1	2	2	1	1	1	2	2	1	2	2	2	3

Pos. No.	Pump Size																							
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
	Size of the appropriate part																							
1	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
2	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
3	10	10	11		10	12	14	13																
4	5	5	7	9	10	6	8	9	10	9	10	11	10	12	12	14	13	13	16	19	15	17	18	19
5	2	2	2	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	4	6	4	5	5	6
6	2	2	2	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	4	6	4	5	5	6
12	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	2	22	2	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	4	6	4	5	5	6
19	3	5	6	7	8	5	6	7	8	6	7	8	6	7	8	9	7	8	9	10	7	8	9	10
66	3	5	6	7	8	5	6	7	8	6	7	8	6	7	8	9	7	8	9	10	7	8	9	10
70	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
73	2	2	2	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	4	6	4	5	5	6
74	2	2	2	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	4	6	4	5	5	6

Table 2: Hydraulic part of NKS pumps – association of Part size to type size of the pump

Position No. 1 - Impeller

Part size	Material acc. to type key code		
	2, 6, 7	3, 8, 9	1, 4, 5
	Product number		
1	J2 03464 2	J2 03464 3	J2 03464 4
2	J2 03504 2	J2 03504 3	J2 03504 4
3	J2 03492 2	J2 03492 3	J2 03492 4
4	J1 02148 2	J1 02148 3	J1 02148 4
5	J2 03513 2	J2 03513 3	J2 03513 4
6	J2 03467 2	J2 03467 3	J2 03467 4
7	J2 03498 2	J2 03498 3	J2 03498 4
8	J2 03536 2	J2 03536 3	J2 03536 4
9	J1 02174 2	J1 02174 3	J1 02174 4
10	J2 03520 2	J2 03520 3	J2 03520 4
11	J2 03496 2	J2 03496 3	J2 03496 4
12	J2 03408 2	J2 03408 3	J2 03408 4
13	J2 03510 2	J2 03510 3	J2 03510 4
14	J1 02186 2	J1 02186 3	J1 02186 4
15	J2 03417 2	J2 03417 3	J2 03417 4
16	J2 03502 2	J2 03502 3	J2 03502 4
17	J2 03533 2	J2 03533 3	J2 03533 4
18	J2 03515 2	J2 03515 3	J2 03515 4
19	J1 02197 2	J1 02197 3	J1 02197 4
20	J2 03499 2	J2 03499 3	J2 03499 4
21	J2 03386 2	J2 03386 3	J2 03386 4
22	J2 03521 2	J2 03521 3	J2 03521 4
23	J1 02110 2	J1 02110 3	J1 02110 4
24	J1 02180 2	J1 02180 3	J1 02180 4
25	J2 03404 2	J2 03404 3	J2 03404 4
26	J1 02118 2	J1 02118 3	J1 02118 4
27	J1 02122 2	J1 02122 3	J1 02122 4
28	J1 02134 2	J1 02134 3	J1 02134 4
29	J2 03537 2	J2 03537 3	J2 03537 4
30	J1 02191 2	J1 02191 3	J1 02191 4
31	J1 02202 2	J1 02202 3	J1 02202 4
32	J2 03527 2	J2 03527 3	J2 03527 4
33	J1 02175 2	J1 02175 3	J1 02175 4
34	J1 02184 2	J1 02184 3	J1 02184 4
35	J0 00564 2	J0 00564 3	J0 00564 4
36	J1 02209 2	J1 02209 3	J1 02209 4
37	J1 02198 2	J1 02198 3	J1 02198 4
38	J0 00572 2	J0 00572 3	J0 00572 4
39	J0 00581 2	J0 00581 3	J0 00581 4
40	J1 02205 2	J1 02205 3	J1 02205 4
41	J1 02214 2	J1 02214 3	J1 02214 4
42	J0 00568 2	J0 00568 3	J0 00568 4
43	J0 00575 2	J0 00575 3	J0 00575 4



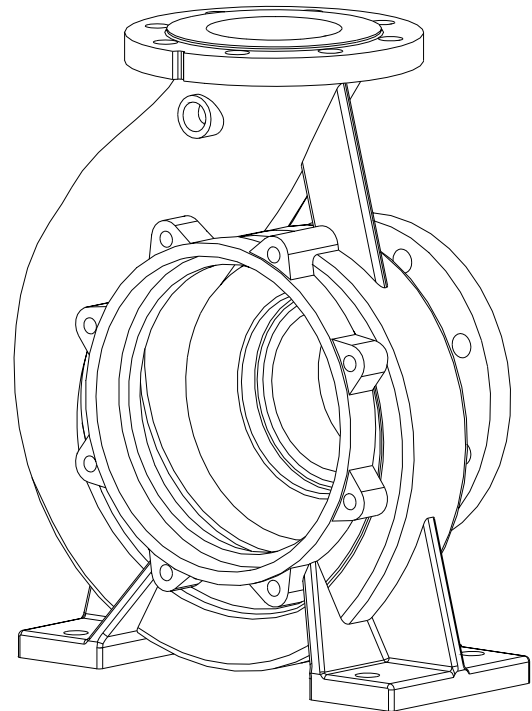
Picture No. 3 - Impeller

Table 3: Impeller

Position No. 2 - Pump housing

Part size	Material acc. to type key code		
	2, 6, 7	3, 8, 9	1, 4, 5
	Product number		
1	J 1 02138 2	J 1 02138 3	J 1 02138 4
2	J 1 02212 2	J 1 02212 3	J 1 02212 4
3	J 1 02192 2	J 1 02192 3	J 1 02192 4
4	96494578	96487795	96494579
5	J 1 02200 2	J 1 02200 3	J 1 02200 4
6	J 1 02146 2	J 1 02146 3	J 1 02146 4
7	J 1 02204 2	J 1 02204 3	J 1 02204 4
8	J 0 00565 2	J 0 00565 3	J 0 00565 4
9	J 0 00584 2	J 0 00584 3	J 0 00584 4
10	J 1 02194 2	J 1 02194 3	J 1 02194 4
11	J 1 02201 2	J 1 02201 3	J 1 02201 4
12	J 1 02097 2	J 1 02097 3	J 1 02097 4
13	J 0 00578 2	J 0 00578 3	J 0 00578 4
14	J 0 00588 2	J 0 00588 3	J 0 00588 4
15	J 1 02105 2	J 1 02105 3	J 1 02105 4
16	J 1 02210 2	J 1 02210 3	J 1 02210 4
17	J 0 00599 2	J 0 00599 3	J 0 00599 4
18	J 0 00585 2	J 0 00585 3	J 0 00585 4
19	J 0 00592 2	J 0 00592 3	J 0 00592 4
20	J 0 00567 2	J 0 00567 3	J 0 00567 4
21	J 0 00483 2	J 0 00483 3	J 0 00483 4
22	J 0 00590 2	J 0 00590 3	J 0 00590 4
23	J 0 00488 2	J 0 00488 3	J 0 00488 4
24	J 0 00595 2	J 0 00595 3	J 0 00595 4
25	J 0 00484 2	J 0 00484 3	J 0 00484 4
26	J 0 00491 2	J 0 00491 3	J 0 00491 4
27	J 0 00502 2	J 0 00502 3	J 0 00502 4
28	J 1 02135 2	J 1 02135 3	J 1 02135 4
29	J 0 00582 2	J 0 00582 3	J 0 00582 4
30	J 0 00574 2	J 0 00574 3	J 0 00574 4
31	J 1 02181 2	J 1 02181 3	J 1 02181 4
32	J 0 00571 2	J 0 00571 3	J 0 00571 4
33	J 1 02203 2	J 1 02203 3	J 1 02203 4
34	J 1 02213 2	J 1 02213 3	J 1 02213 4
35	J 0 00583 2	J 0 00583 3	J 0 00583 4
36	J 1 02199 2	J 1 02199 3	J 1 02199 4
37	J 0 00573 2	J 0 00573 3	J 0 00573 4
38	J 0 00577 2	J 0 00577 3	J 0 00577 4
39	J 0 00596 2	J 0 00596 3	J 0 00596 4
40	J 0 00589 2	J 0 00589 3	J 0 00589 4
41	J 0 00580 2	J 0 00580 3	J 0 00580 4
42	J 0 00604 2	J 0 00604 3	J 0 00604 4
43	J 0 00569 2	J 0 00569 3	J 0 00569 4

Table 4: Pump housing

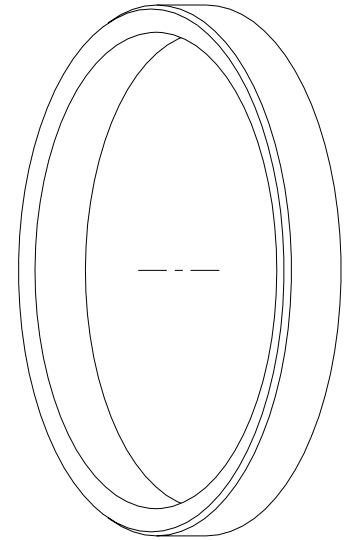


Picture No. 4 - Pump housing

Position No. 3 - Neck ring

Part size	Material acc. to type key code				
	1	2	3	4, 6, 8	5, 7, 9
	Product number				
1	J4 06718 1	J4 06718 2	J4 06718 3	J4 06718 4	J4 17656 0
2	J4 17509 1	J4 17509 2	J4 17509 3	J4 17509 5	
3	J4 17582 1	J4 17582 2	J4 17582 3	J4 17582 5	
4	J4 07413 1	J4 07413 2	J4 07413 3	J4 07413 5	J4 17408 1
5	J4 17243 1	J4 17243 2	J4 17243 3	J4 17243 5	
6	J4 17138 1	J4 17138 2	J4 17138 3	J4 17138 5	
7	J4 06690 1	J4 06690 2	J4 06690 3	J4 06690 4	J4 17409 1
8	J4 17257 1	J4 17257 2	J4 17257 3	J4 17257 5	
9	J4 06727 1	J4 06727 2	J4 06727 3	J4 06727 4	J4 17660 0
10	J4 17051 1	J4 17051 2	J4 17051 3	J4 17051 5	
11	J5 03484 1	J5 03484 2	J5 03484 3		
12	J4 17418 1	J4 17418 2	J4 17418 3	J4 17418 5	
13	J4 17508 1	J4 17508 2	J4 17508 3	J4 17508 5	
14	J4 07896 1	J4 07896 2	J4 07896 3	J4 07896 5	J4 17664 0

Table 5: Wear ring

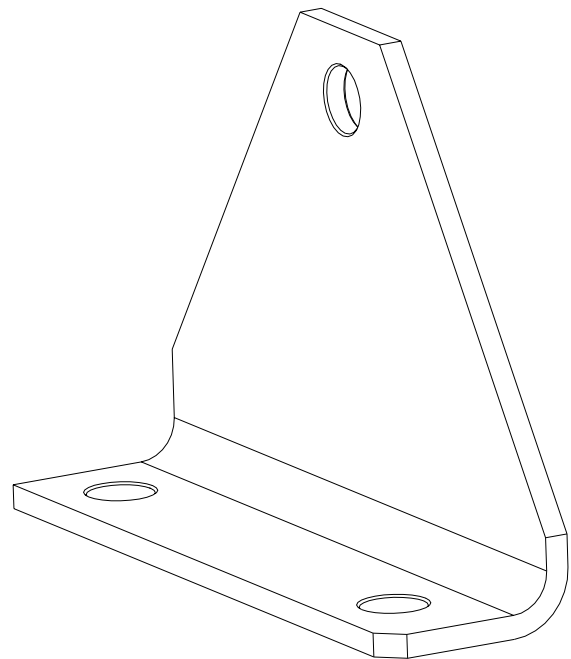


Picture No. 5 - Wear ring

Position No. 4 - Bracket foot

Part size	Product number
1	J3 06692 0
2	J3 06691 0
3	J3 06556 1
4	J3 06647 0
5	J3 06556 0
6	J3 06532 0
7	J3 06546 0
8	J3 06712 0
9	J3 06710 0
10	J4 17507 0
11	J3 06794 0
12	J2 03539 0
13	J2 03542 0
14	J2 03546 0
15	J2 03547 0
16	J2 03540 0
17	J2 03553 0
18	J2 03558 0
19	J2 03548 0

Table 6: Bracket foot

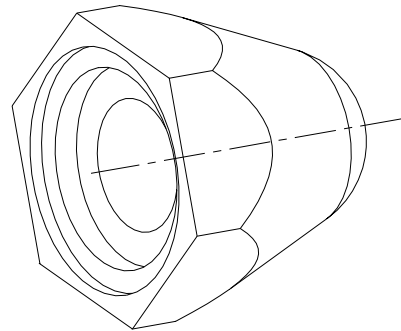


Picture No. 6 - Bracket foot

Position No. 5 - Impeller nut

Part size	Material acc. to type key code		
	1, 4, 5	2, 6, 7	3, 8, 9
	Product number		
1	J4 17371 1	J4 17371 2	J4 17371 3
2	J4 17263 1	J4 17263 2	J4 17263 3
3	J4 17417 1	J4 17417 2	J4 17417 3
4	J4 17669 1	J4 17669 2	J4 17669 3
5	J4 17672 1	J4 17672 2	J4 17672 3
6	J4 17675 1	J4 17675 2	J4 17675 3

Table 7: Impeller nut

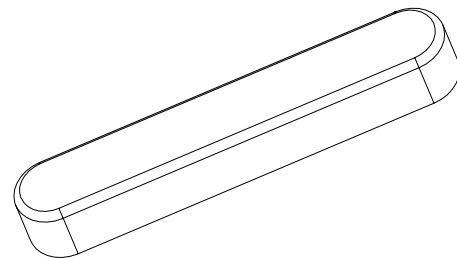


Picture No. 7 - Impeller nut

Position No. 6 – Impeller key

Part size	Dimensions mm	Material acc. to type key code	
		1, 4, 5	2, 3, 6, 7, 8, 9
		Product number	
1	8x7x50		J4 06028 8
2	8x7x63		J4 17363 3
3	12x8x80		J4 07141 2
4	16x10x100		J4 17638 3
5	18x11x110		J4 17639 3
6	22x14x120		J4 17667 3

Table 8: Impeller key

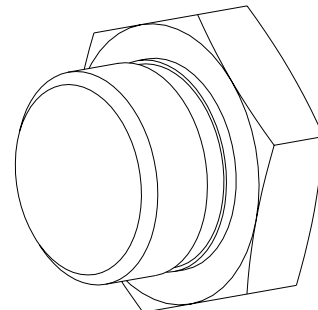


Picture No. 8 - Impeller key

Position No. 12 - Drain plug

Part size	Material acc. to type key code	
	1, 4, 5	2, 3, 6, 7, 8, 9
	Product number	
1		96486997
2		96486998
3		96486999

Table 9: Drain plug

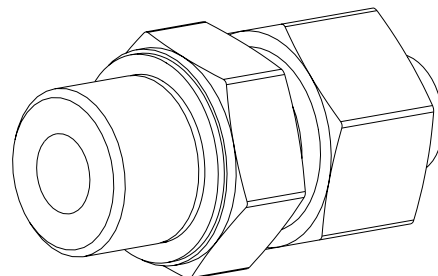


Picture No. 9 - Drain plug

Position No. 14 - Union

Part size	Material acc. to type key code	
	1, 4, 5	2, 3, 6, 7, 8, 9
	Product number	
1		96487110

Table 10: Union

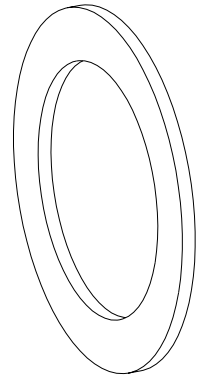


Picture No. 10 - Union

Position No. 17, 70 – Gasket, Drain plug

Part size	Product number
1	96487101
2	96487102
3	96487103

Table 11: Gasket, Drain plug



Picture No. 11- Gasket

Position No. 18 – O-ring, Lantern/cover

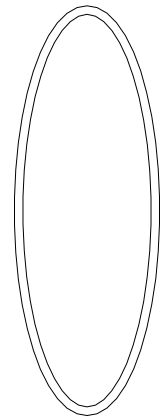
Part size	Product number
1	96487104
2	96487105
3	96487106
4	96487107
5	96487108
6	96487109

Table 12: O-ring, Lantern/cover

Position No. 19 – O-ring, Lantern/pump housing

Part size	Product number
1	96487120
2	96487121
3	96487122
4	96487123
5	96487124
6	96487125
7	96487126
8	96487127
9	96487128
10	96487129

Table 13: O-ring, Lantern/pump housing



Picture No. 12 - O-ring

Position No. 66 – O-ring, cover/pump housing

Part size	Material design of the part			
	NBR	FPM, FP (Viton)	EPDM (EP)	KALREZ
	Product number			
1	96487111	96487112	96487113	96487114
2	96487140	96487150	96487197	96487216
3	96487141	96487151	96487198	96487217
4	96487142	96487158	96487199	96487218
5	96487143	96487159	96487210	96487219
6	96487144	96487191	96487211	96487220
7	96487145	96487193	96487212	96487221
8	96487146	96487194	96487213	96487222
9	96487147	96487195	96487214	96487223
10	96487148	96487196	96487215	96487224

Table 14: O-ring, Cover/pump housing

Note: In the case of position No. 66, the supplier of the spare part will determine the type of material of O-rings according to with respect to production number of the pump - positions 18 and 19 will be fitted in the pump only in the case of a cooled (heated up) area between the cover and lantern.

Position No. 73 – O-ring, Impeller/sleeve

Part size	Material design of the part			
	NBR	FPM, FP (Viton)	EPDM (EP)	KALREZ
	Product number			
1	96487320	96487326	96487332	96487338
2	96487321	96487327	96487333	96487339
3	96487322	96487328	96487334	96487340
4	96487323	96487329	96487335	96487341
5	96487324	96487330	96487336	96487342
6	96487325	96487331	96487337	96487343

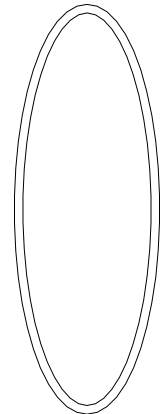
Table 15: O-ring, impeller/sleeve

Position No. 74 – O-ring, Impeller/impeller nut

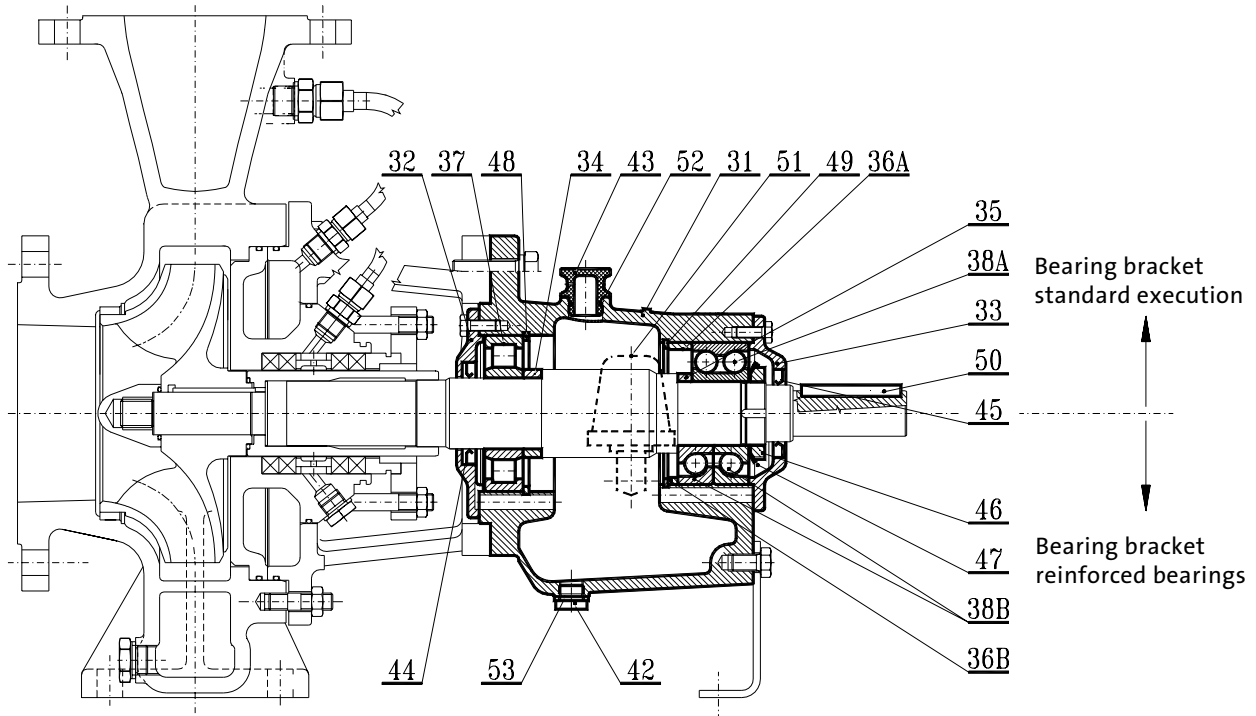
Part size	Material design of the part			
	NBR	FPM, FP (Viton)	EPDM (EP)	KALREZ
	Product number			
1	96487344	96487351	96487357	96487363
2	96487345	96487352	96487358	96487364
3	96487346	96487353	96487359	96487365
4	96487348	96487354	96487360	96487366
5	96487349	96487355	96487361	96487367
6	96487350	96487356	96487362	96487368

Table 16: O-ring, impeller/impeller nut

Note: In the case of positions no. 73 and 74, the supplier will determine the type of material of O-rings according to production number of the pump



Picture No. 13 - O-ring



Picture No. 14 - Mechanical part of the NKS pump

Mechanical part of NKS pump – List of parts

Pos	Description
31	Bearing bracket
32	Front bearing cover
33	Rear bearing cover
34	Inner ring, front bearing
35	Inner ring, rear bearing
36	Outer ring, rear bearing
36B	Outer ring, rear bearing
37	Front bearing
38A	Rear bearing - basic shaft support
38B	Rear bearing - reinforced shaft support
42	Drain plug
43	Air vent
44	Lip seal, front bearing
45	Lip seal, rear bearing
46	Groove nut
47	Lock washer
48	Circlip, front bearing SN 02 2931
49	Circlip, rear bearing SN 02 2931
50	Coupling key
51	Oil re-filler
52	Air vent
53	Gasket, drain plug

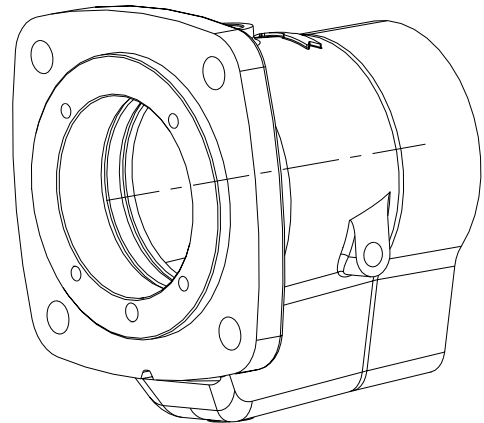
Pos. No.	Pump Size																																											
	1	2	3	5	6	7	10	11	12	15	4	8	9	13	14	16	17	18	20	21	22	25	19	23	24	26	27	28	29	30	31	32	33	34	35	36	37	38	40	41	42	39	43	
Size of the appropriate part																																												
31	1										2										3										4										5		6	
32																																												
33																																												
34																																												
35																																												
36A																																												
36B																																												
37																																												
38A																																												
38B																																												
44																																												
45																																												
46																																												
47																																												
48																																												
49																																												
50																																												
43	1																																											
51																																												
52	2																																											
42																																												
53																																												

Table 17: Mechanical part of NKS pump – assignment of part sizes to pump type sizes

Position No. 31 – Bearing bracket

Part size	Product number
1	J1 02095 0
2	J1 01991 0
3	J0 00489 0
4	J0 00587 0
5	J0 00591 0
6	J0 00597 0

Table 18: Bearing bracket

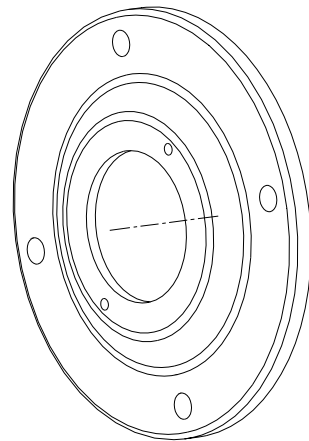


Picture No. 15 - Bearing bracket

Position No. 32 – Front bearing cover

Part size	Product number
1	J3 06689 1
2	J3 06527 1
3	J2 03435 1
4	J2 03500 1
5	J2 03506 1
6	J2 03516 1

Table 19: Front bearing cover

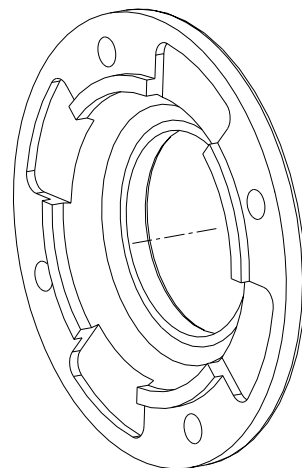


Picture No. 16 - Front bearing cover

Position No. 33 – Rear bearing cover

Part size	Product number
1	J3 06690 1
2	J3 06528 1
3	J2 03436 1
4	J2 03507 1
5	J2 03503 1
6	J2 03501 1

Table 20: Rear bearing cover

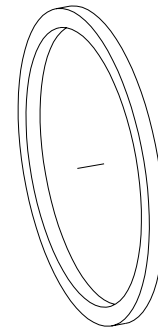


Picture No. 17 - Rear bearing cover

Position No. 34 – Inner ring, front bearing

Part size	Product number
1	J3 06690 1
2	J3 06528 1
3	J2 03436 1
4	J2 03507 1
5	J2 03503 1
6	J2 03501 1

Table 21: Inner ring, front bearing

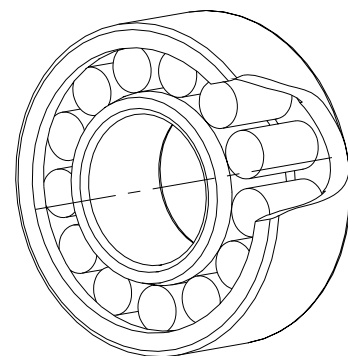


Picture No. 18 - Inner ring, front bearing

Position No. 37 – Front bearing

Part size	Product number
1	96487117
2	96487118
3	96487119
4	96487130
5	96487131
6	96487132

Table 22: Front bearing



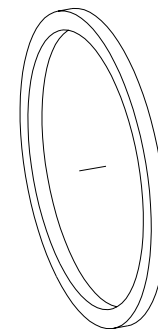
Picture No. 19 - Front bearing

Basic Shaft Support

Position No. 35 – Inner ring, rear bearing

Part size	Product number
1	J3 06690 1
2	J3 06528 1
3	J2 03436 1
4	J2 03507 1
5	J2 03503 1
6	J2 03501 1

Table 23: Inner ring, rear bearing

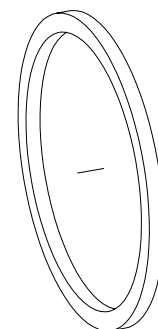


Picture No. 20 - Inner ring, rear bearing

Position No. 36A – Outer ring, rear bearing
(Depending on the bearing bracket execution)

Part size	Product number
1	J3 06690 1
2	J3 06528 1
3	J2 03436 1
4	J2 03507 1
5	J2 03503 1
6	J2 03501 1

Table 24: Outer ring, rear bearing



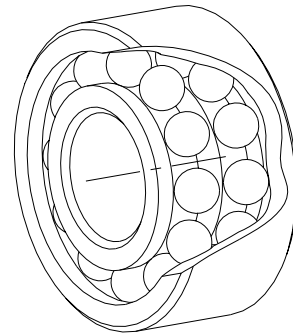
Picture No. 21 - Outer ring, rear bearing

Position No. 38A – Rear bearing

(Depending on the bearing bracket execution)

Part size	Product number
1	96487134
2	96487135
3	96487136
4	96487137
5	96487138
6	96487139

Table 25: Rear bearing A



Picture No. 22 - Rear bearing A

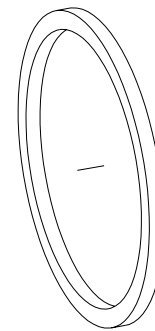
Reinforced Shaft Support

Position No. 36B – Outer ring, rear bearing

(In the code of construction design of the pump, the second letter in reading 11 of the type designation is “B”)

Part size	Product number
1	J3 06690 1
2	J3 06528 1
3	J2 03436 1
4	J2 03507 1
5	J2 03503 1
6	J2 03501 1

Table 26: Outer ring, rear bearing B



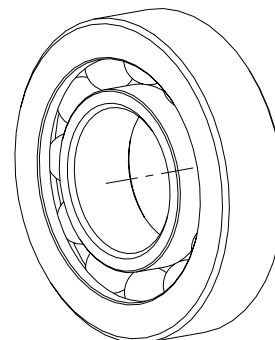
Picture No. 23 - Outer ring, rear bearing

Position No. 38B – Rear bearing

(Depending on the bearing bracket execution)

Part size	Product number
1	96487160
2	96487161
3	96487162
4	96487163
5	96487164
6	96487165

Table 27: Rear bearing B

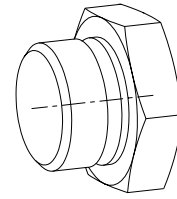


Picture No. 24 – Rear bearing B

Position No. 42 – Drain plug

Part size	Product number
1	96487226

Table 28: Drain plug

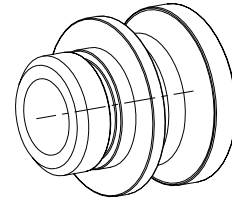


Picture No. 25 – Drain plug

Position No. 43 – Air vent

Part size	Product number
1	96487227

Table 29: Air vent

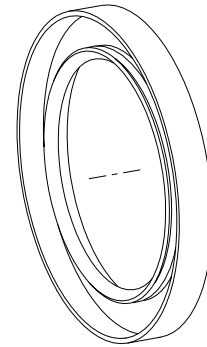


Picture No. 26 – Air vent

Position No. 44 – Lip seal, front bearing

Part size	Product number
1	96487228
2	96487229
3	96487240
4	96487241
5	96487242
6	96487243

Table 30: Lip seal, front bearing



Picture No. 27 – Lip seal

Position No. 45 – Lip seal, rear bearing

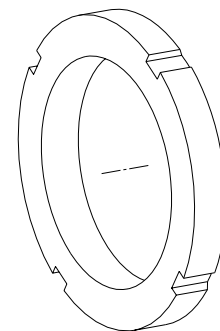
Part size	Product number
1	96487244
2	96487245
3	96487246
4	96487247
5	96487248
6	96487249

Table 31: Lip seal, rear bearing

Position No. 46 - Groove nut

Part size	Product number
1	96487250
2	96487251
3	96487252
4	96487253
5	96487254
6	96487255

Table 32: Groove nut

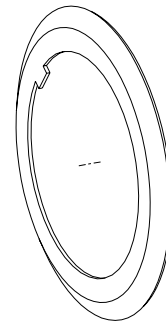


Picture No. 28 – Groove nut

Position No. 47 – Lock washer

Part size	Product number
1	96486789
2	96486741
3	96486742
4	96486743
5	96486744
6	96486745

Table 33: Lock washer

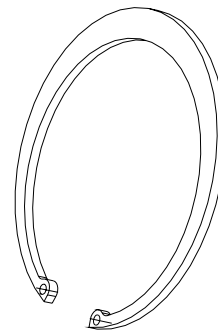


Picture No. 29 – Lock washer

Position No. 48 – Circlip, front bearing

Part size	Product number
1	96486746
2	96486747
3	96486748
4	96486749
5	96487050
6	96487051

Table 34: Circlip, front bearing position 48



Picture No. 30 – Circlip front bearing

Position No. 49 – Circlip, rear bearing

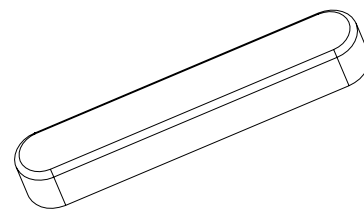
Part size	Product number
1	96487052
2	96487053
3	96487055
4	96487056
5	96487057
6	96487058

Table 35: Circlip, rear bearing position 49

Position No. 50 – Coupling key

Part size	Product number
1	96487059
2	96487090
3	96487091
4	96487092
5	96487093
6	96487094

Table 36: Coupling key

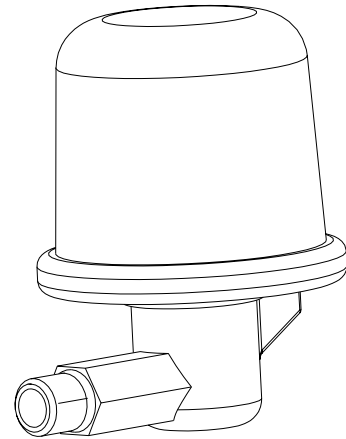


Picture No. 31 – Coupling key

Position No. 51 – Oil re-filler

Part size	Product number
1	96487100

Table 37: Oil re-filler

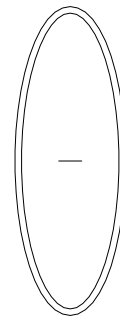


Picture No. 32 – Oil re-filler

Position No. 52 – O-ring, Air vent

Part size	Product number
1	96487099

Table 38: O-ring, Air vent



Picture No. 33 – O-ring

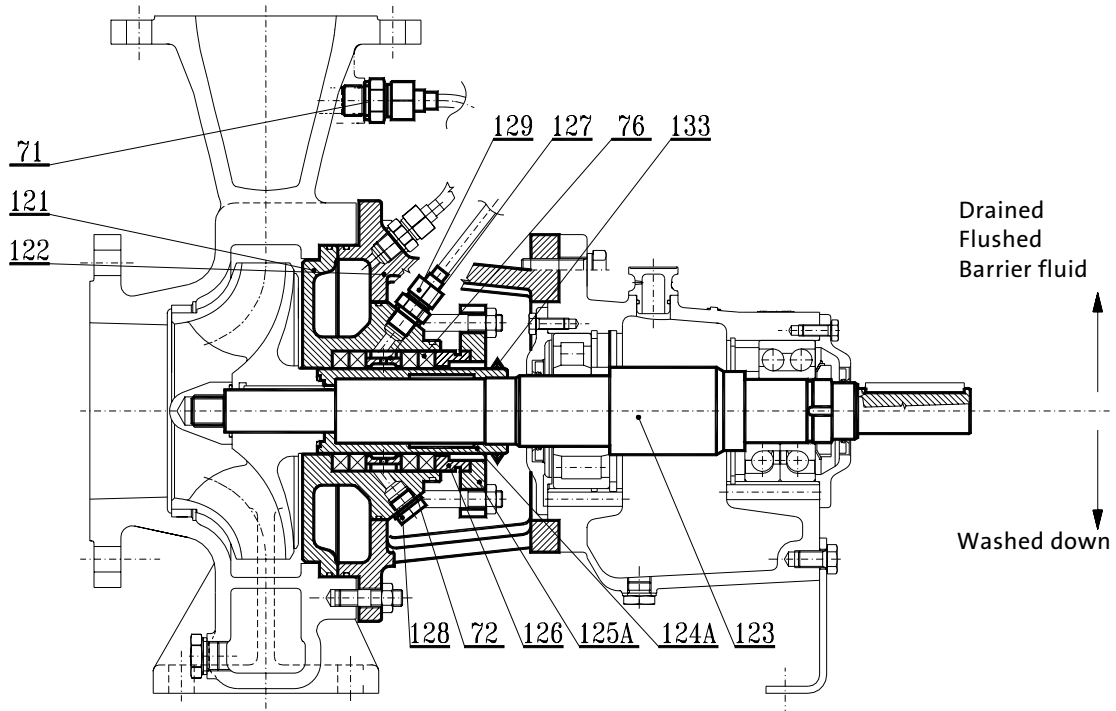
Position No. 53 - Gasket, drain plug

Part size	Product number
1	96487101

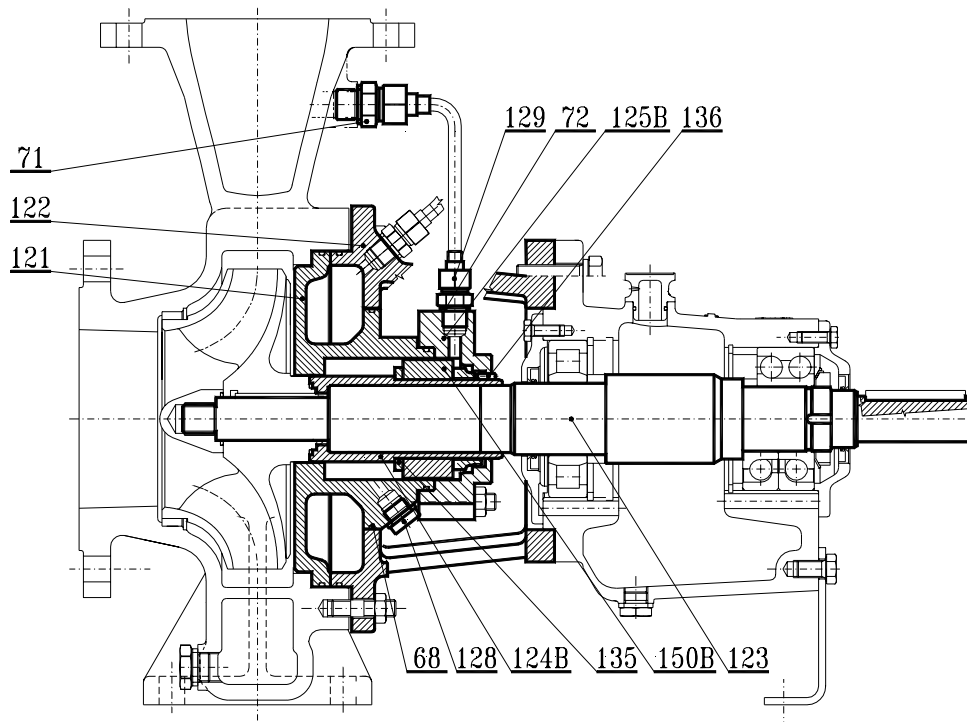
Table 39: Gasket, drain plug



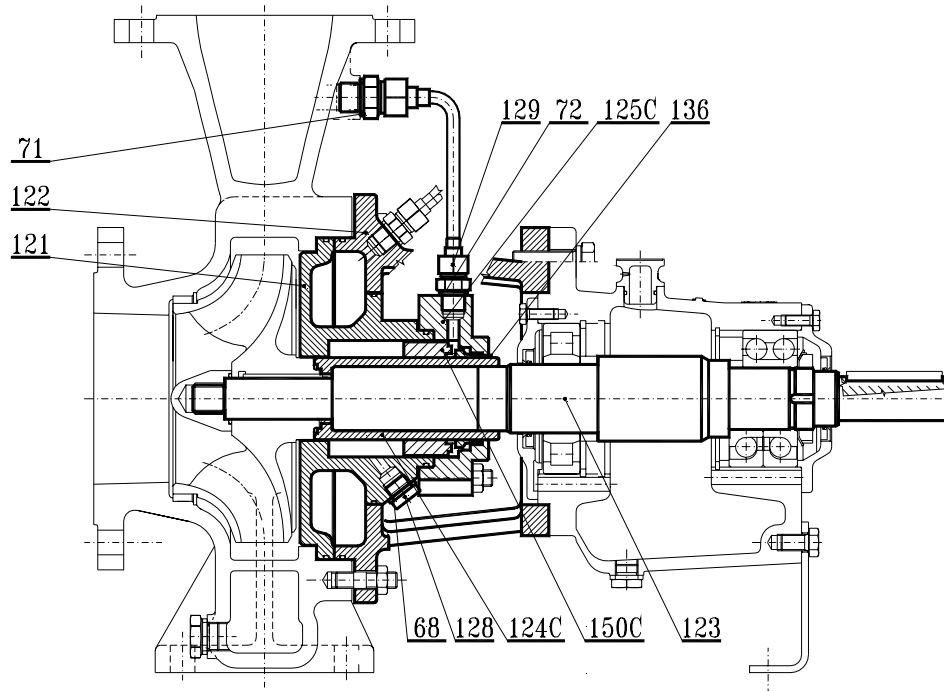
Picture No. 34 – Flat sealing ring



Picture No. 35 – Soft packing (compressed)



Picture No. 36 – Single mechanical seal MG1



Picture No. 37 – Single mechanical seal - standardized (M7N, HJ977GN)

Sealing part of NKS pump – List of parts

Pos	Description
68	O-ring
71	Gasket
72	Gasket
76	Soft packing
121	Cover
122	Lantern, cooled/uncooled
123	Shaft
124A	Sleeve - soft packing
124B	Sleeve - mechanical seal MG1
124C	Sleeve - single mechanical seal M7N, HJ 977 GN
125A	Flange - soft packing
125B	Mechanical seal flange for MG1
125C	Mechanical seal flange for M7N and HJ 977 GN
126	Stuffing ring
127	Priming ring
128	Plug for cover
129	Union for cover
133	V-ring
135	Support ring
136	Pin for mechanical seal
150B	Single mechanical seal MG1/G6
150C	Standardized single mechanical seal (M7N, HJ 977 GN)

Pos. No.	Pump Size																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18					19
	Size of the appropriate part																						
68	1	1	1	2	1	1	1	2	2	1	1	1	2	2	1	2	2	2	3				
71	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
72	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
76	1	1	1	2	1	1	1	2	2	1	1	1	2	2	1	2	2	2	2				
121	1	2	3	6	1	2	3	6	7	1	2	3	6	7	1	4	5	6	9				
122	1	2	3	6	1	2	3	6	7	1	2	3	6	7	1	4	5	6	9				
123	1	1	1	2	1	1	1	2	2	1	1	1	2	2	1	2	2	2	3				
124A	1	1	1	2	1	1	1	2	2	1	1	1	2	2	1	2	2	2	3				
124B	1	1	1	2	1	1	1	2	2	1	1	1	2	2	1	2	2	2	3				
124C	1	1	1	2	1	1	1	2	2	1	1	1	2	2	1	2	2	2	3				
125A	1	1	1	2	1	1	1	2	2	1	1	1	2	2	1	2	2	2	3				
125B	1	1	1	2	1	1	1	2	2	1	1	1	2	2	1	2	2	2	3				
125C	1	1	1	2	1	1	1	2	2	1	1	1	2	2	1	2	2	2	3				
126	1	1	1	2	1	1	1	2	2	1	1	1	2	2	1	2	2	2	3				
127	1	1	1	2	1	1	1	2	2	1	1	1	2	2	1	2	2	2	3				
128	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
129	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
133	1	1	1	2	1	1	1	2	2	1	1	1	2	2	1	2	2	2	3				
135	1	1	1	2	1	1	1	2	2	1	1	1	2	2	1	2	2	2	3				
136	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
150B	1	1	1	2	1	1	1	2	2	1	1	1	2	2	1	2	2	2	3				
150C	1	1	1	2	1	1	1	2	2	1	1	1	2	2	1	2	2	2	3				

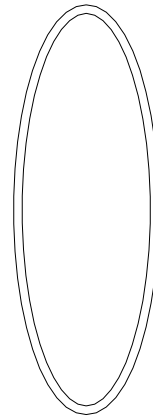
Pos. No.	Pump Size																							
	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
	Size of the appropriate part																							
68	2	2	2	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	6	4	5	5	6	
71	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
72	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
76	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
121	4	5	6	9	10	5	8	9	10	8	9	10	8	11	12	13	11	12	13	16	11	14	15	16
122	4	5	6	9	10	5	8	9	10	8	9	10	8	11	12	13	11	12	13	16	11	14	15	16
123	2	2	2	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	6	4	5	5	6	
124A	2	2	2	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	6	4	5	5	6	
124B	2	2	2	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	6	4	5	5	6	
124C	2	2	2	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	6	4	5	5	6	
125A	2	2	2	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	6	4	5	5	6	
125B	2	2	2	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	6	4	5	5	6	
125C	2	2	2	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	6	4	5	5	6	
126	2	2	2	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	6	4	5	5	6	
127	2	2	2	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	6	4	5	5	6	
128	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
129	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
133	2	2	2	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	6	4	5	5	6	
135	2	2	2	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	6	4	5	5	6	
136	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
150B	2	2	2	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	6	4	5	5	6	
150C	2	2	2	3	3	2	3	3	3	3	3	3	3	4	4	4	4	4	6	4	5	5	6	

Table 40: Stuffing box of NKS pump - association of Part size to type size of the pump

Position No. 68 – O-ring, material

Part size	Material design of the part			
	NBR	FPM, FP (Viton)	EPDM (EP)	KALREZ
	Product number			
1	96487387	96487430	96487466	96487473
2	96487388	96487431	96487468	96487474
3	96487416	96487432	96487469	96487475
4	96487417	96487463	96487470	96487476
5	96487418	96487464	96487471	96487477
6	96487419	96487465	96487472	96487478

Table 41: O-ring, material

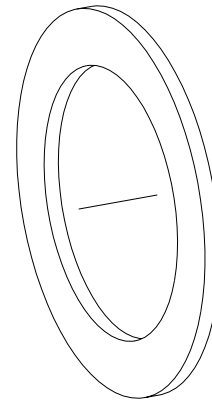


Picture No. 38 - O-ring

Position No. 71, 72 – Gasket

Part size	Product number
1	96487384
2	96487385
3	96487385

Table 42: Gasket



Picture No. 39 - Gasket

Position No. 76 – Soft packing

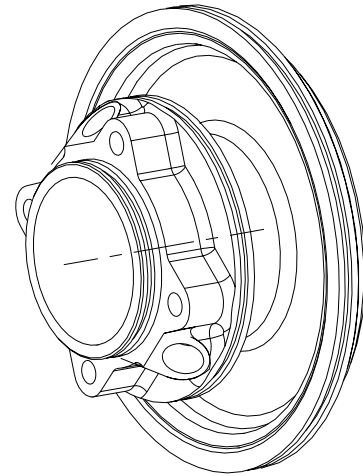
Soft packing material	
PST09	DZ001
Product number	
96487380	96487382
96487381	96487383

Table 43: Soft packing

Position No. 121 – Cover

Part size	1.4308	1.4408	1.0619	Designation on drawing
	Product number			
1	J2 03416 2	J2 03416 3	J2 03416 4	1-156
2	J2 03465 2	J2 03465 3	J2 03465 4	1-185
3	J2 03412 2	J2 03412 3	J2 03412 4	1-225
4	J2 03287 2	J2 03287 3	J2 03287 4	2-200
5	J2 03269 2	J2 03269 3	J2 03269 4	2-235
6	J1 02011 2	J1 02011 3	J1 02011 4	2-280
7	J1 01996 2	J1 01996 3	J1 01996 4	2-340
8	J1 02116 2	J1 02116 3	J1 02116 4	3-280
9	J1 02113 2	J1 02113 3	J1 02113 4	3-340
10	J1 02136 2	J1 02136 3	J1 02136 4	3-430
11	J1 02193 2	J1 02193 3	J1 02193 4	4-340
12	J1 02206 2	J1 02206 3	J1 02206 4	4-430
13	J1 02208 2	J1 02208 3	J1 02208 4	4-535
14	J1 02211 2	J1 02211 3	J1 02211 4	5-430
15	J1 02215 2	J1 02215 3	J1 02215 4	5-535
16	J1 02221 2	J1 02221 3	J1 02221 4	6-670

Table 44: Cover

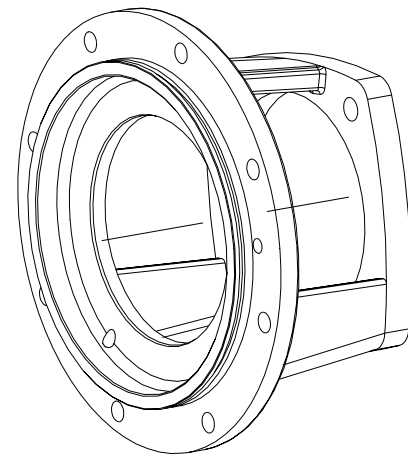


Picture No. 40 - Cover

Position No. 122 – Lantern, cooled/uncooled

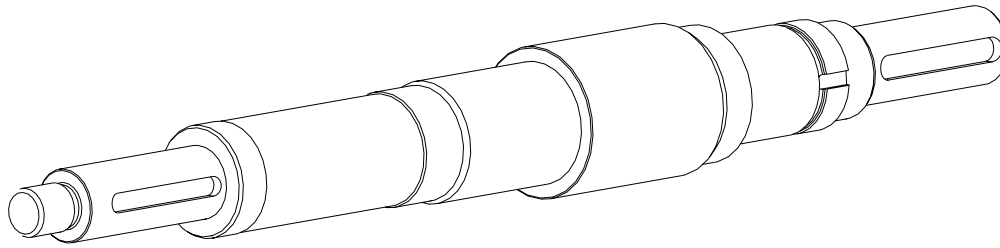
Part size	Uncooled chamber	Cooled chamber	Designation on drawing
	Product number		
1	J1 02100 1	J1 02100 9	1-156
2	J1 02141 1	J1 02141 9	1-185
3	J1 02096 1	J1 02096 9	1-225
4	J1 02008 1	J1 02008 9	2-200
5	J1 01990 1	J1 01990 9	2-235
6	J0 00467 1	J0 00467 9	2-280
7	J0 00464 1	J0 00464 9	2-340
8	J0 00494 1	J0 00494 9	3-280
9	J0 00487 1	J0 00487 9	3-340
10	J1 02137 1	J1 02137 9	3-430
11	J0 00593 1	J0 00593 9	4-340
12	J0 00598 1	J0 00598 9	4-430
13	J0 00600 1	J0 00600 9	4-535
14	J0 00609 1	J0 00609 9	5-430
15	J0 00612 1	J0 00612 9	5-535
16	J0 00607 1	J0 00607 9	6-670

Table 45: Lantern, cooled/uncooled



Picture No. 41 - Lantern, cooled/uncooled

Position No. 123 – Shaft



Picture No. 42 - Shaft

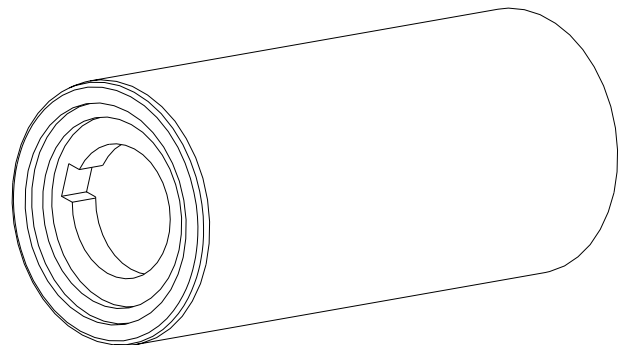
Part size	Material acc. to type key code		
	1, 4, 5	2, 6, 7	3, 8, 9
	Product number		
1	J1 02099 0	J1 02099 2	J1 02099 3
2	J1 02042 1	J1 02042 2	J1 02042 3
3	J1 02114 1	J1 02114 2	J1 02114 3
4	J1 02207 1	J1 02207 2	J1 02207 3
5	J1 02216 1	J1 02216 2	J1 02216 3
6	J1 02222 1	J1 02222 2	J1 02222 3

Table 46: Shaft

Position No. 124 A - Sleeve - soft packing

Part size	Material acc. to type key code		
	1, 4, 5	2, 6, 7	3, 8, 9
	Product number		
1	J3 06688 1	J3 06688 3	J3 06688 4
2	J3 06635 1	J3 06635 3	J3 06635 4
3	J2 03437 1	J2 03437 3	J2 03437 4
4	J2 03544 1	J2 03544 3	J2 03544 4
5	J2 03526 1	J2 03526 3	J2 03526 4
6	J2 03530 1	J2 03530 3	J2 03530 4

Table 47: Sleeve - soft packing



Picture No. 43 - Sleeve - soft packing

Position No. 124 C – Sleeve – standard single mechanical seal

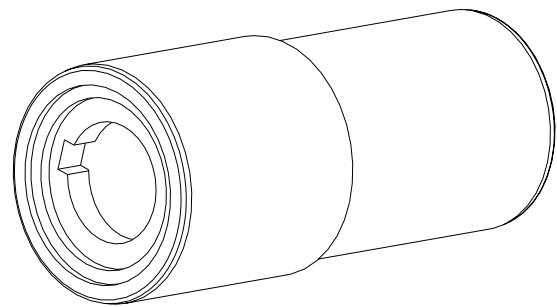
Part size	Material acc. to type key code		
	1, 4, 5	2, 6, 7	3, 8, 9
	Product number		
1	J3 06688 2	J3 06688 5	J3 06688 6
2	J3 06635 2	J3 06635 5	J3 06635 6
3	J2 03437 2	J2 03437 5	J2 03437 6
4	J2 03544 2	J2 03544 5	J2 03544 6
5	J2 03526 2	J2 03526 5	J2 03526 6
6	J2 03530 2	J2 03530 5	J2 03530 6

Table 48: Sleeve - single mechanical seal

Position No. 124 B – Sleeve for mechanical seal MG1

Part size	Material acc. to type key code		
	1, 4, 5	2, 6, 7	3, 8, 9
	Product number		
1	J3 06797 1	J3 06797 2	J3 06797 3
2	J3 06785 1	J3 06785 2	J3 06785 3
3	J2 03508 1	J2 03508 2	J2 03508 3
4	J2 03549 1	J2 03549 2	J2 03549 3
5	J2 03555 1	J2 03555 2	J2 03555 3
6	J2 03560 1	J2 03560 2	J2 03560 3

Table 49: Sleeve for mechanical seal MG1



Picture No. 44 - Sleeve for mechanical seal MG1

Position No. 125 B - Mechanical seal flange MG1

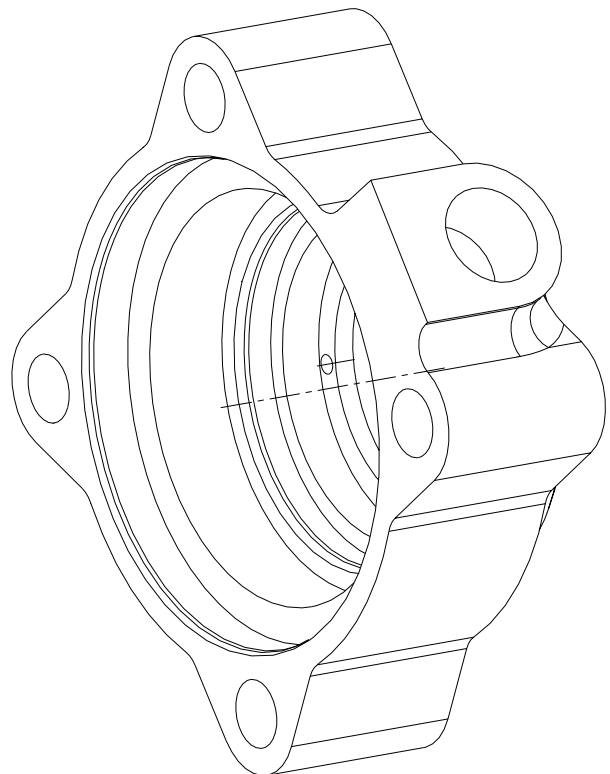
Part size	Material acc. to type key code		
	1, 4, 5	2, 6, 7	3, 8, 9
	Product number		
1	J3 06804 4	J3 06804 2	J3 06804 3
2	J3 06529 4	J3 06529 2	J3 06529 3
3	J2 03514 4	J2 03514 2	J2 03514 3
4	J2 03525 4	J2 03525 2	J2 03525 3
5	J2 03531 4	J2 03531 2	J2 03531 3
6	J2 03541 4	J2 03541 2	J2 03541 3

Table 50: Mechanical seal flange MG1

Position No. 125 C - Standard mechanical seal flange

Part size	Material acc. to type key code		
	1, 4, 5	2, 6, 7	3, 8, 9
	Product number		
1	J3 06796 4	J3 06796 2	J3 06796 3
2	J3 06657 4	J3 06657 2	J3 06657 3
3	J2 03509 4	J2 03509 2	J2 03509 3
4	J2 03524 4	J2 03524 2	J2 03524 3
5	J2 03532 4	J2 03532 2	J2 03532 3
6	J2 03543 4	J2 03543 2	J2 03543 3

Table 51: Standard mechanical seal flange

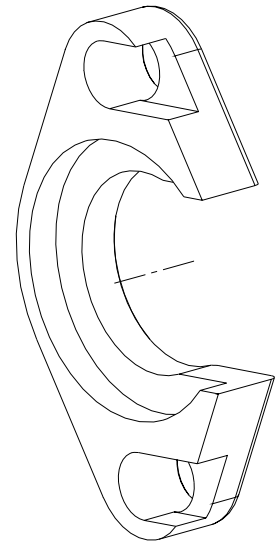


Picture No. 45 - Mechanical seal flange MG1

Position No. 125 A –Soft packing flange

Part size	Material acc. to type key code	
	1, 4, 5	2, 3, 6, 7, 8, 9
	Product number	
1	J3 06693 4	J3 06693 3
2	J3 06536 4	J3 06536 3
3	J2 03433 4	J2 03433 3
4	J2 03528 4	J2 03528 3
5	J2 03545 4	J2 03545 3
6	J2 03529 4	J2 03529 3

Table 52: Soft packing flange

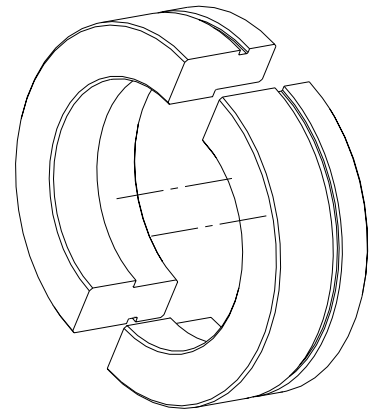


Picture No. 46 - Soft packing flange

Position No. 126 – Stuffing ring

Part size	Material acc. to type key code	
	1, 4, 5	2, 3, 6, 7, 8, 9
	Product number	
1	J4 17379 1	J4 17379 3
2	J4 06768 1	J4 06768 3
3	J4 07949 1	J4 07949 4
4	J4 17691 1	J4 17691 3
5	J4 17697 1	J4 17697 3
6	J4 17705 1	J4 17705 3

Table 53: Stuffing ring

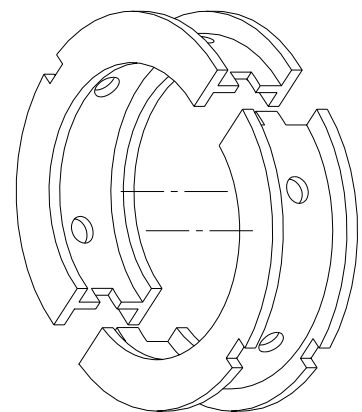


Picture No. 47 - Stuffing ring

Position No. 127 – Priming ring

Part size	Material acc. to type key code	
	1, 4, 5	2, 3, 6, 7, 8, 9
	Product number	
1	J4 06693 1	J4 06693 3
2	J4 06769 1	J4 06769 3
3	J4 07956 1	J4 07956 5
4	J4 17681 1	J4 17681 3
5	J4 17694 1	J4 17694 3
6	J4 17701 1	J4 17701 3

Table 54: Priming ring

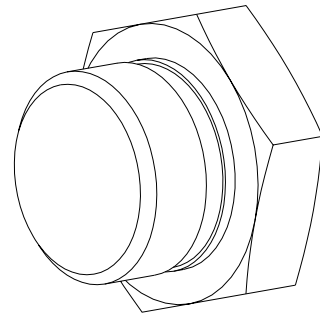


Picture No. 48 - Priming ring

Position No. 128 - Plug for cover

Material acc. to type key code	
1, 4, 5	2, 3, 6, 7, 8, 9
Product number	
96487473	

Table 55: Plug for cover

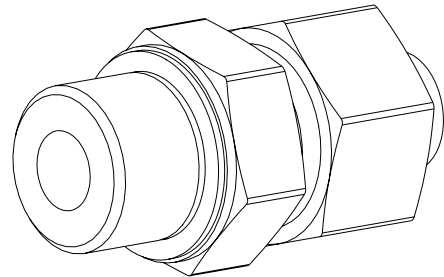


Picture No. 49 - Drain plug

Position No. 129 - Union for cover

Part size	Material acc. to type key code	
	1, 4, 5	2, 3, 6, 7, 8, 9
Product number		
1	96487484	
2	96487486	

Table 56: Union for cover

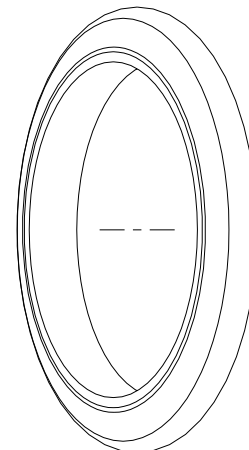


Picture No. 50 - Union for cover

Position No. 133 – V-ring

Part size	Product number
1	96487487
2	96487488
3	96487489
4	96487490

Table 57: V-ring

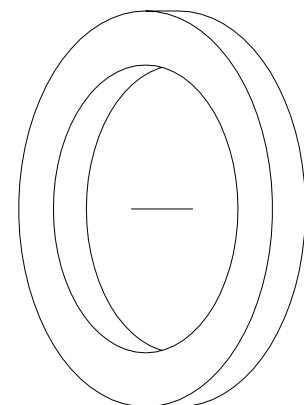


Picture No. 51 - V-ring

Position No. 135 – Support ring

Part size	Material acc. to type key code		
	1, 4, 5	2, 6, 7	3, 8, 9
Product number			
1	J4 16990 1	J4 16990 4	J4 16990 7
2	J4 16990 2	J4 16990 5	J4 16990 8
3	J4 17679 0	J4 17679 2	J4 17679 3
4	J4 17686 0	J4 17686 2	J4 17686 3
5	J4 17693 0	J4 17693 2	J4 17693 3
6	J4 17706 0	J4 17706 2	J4 17706 3

Table 58: Support ring

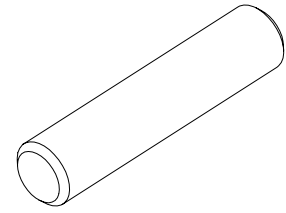


Picture No. 52 - Support ring

Position No. 136 – Pin for mechanical seal

Part size	Material acc. to type key code	
	1, 4, 5	2, 3, 6, 7, 8, 9
	Product number	
1		J 4 09050 3

Table 59: Pin for mechanical seal

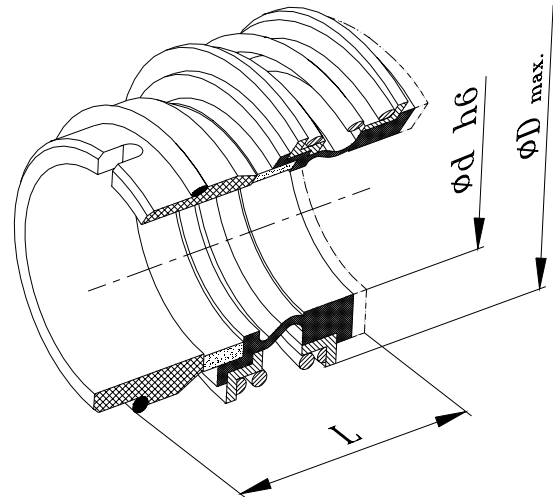


Picture No. 53 - Pin for mech. seal

Position No. 150 B
– Single mechanical seal MG1/G6

Part size	∅d	L
1	40	45
2	55	50
3	65	55

Table 60: Single mechanical seal MG1/G6

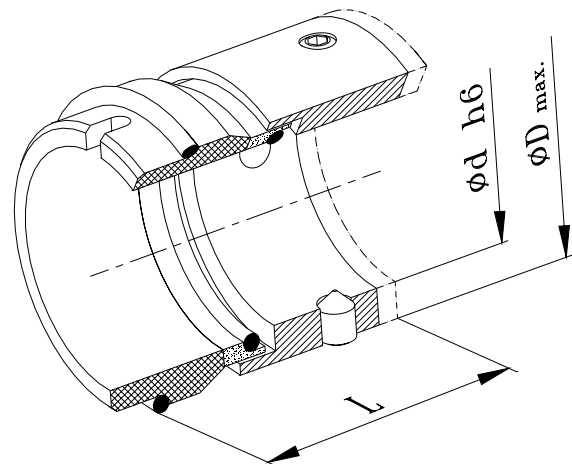


Picture No. 54 - Single mechanical seal MG1/G6

Position No. 150 C
– Single mechanical seal M7N
– Single mechanical seal HJ 977 GN

Part size	∅d	L
1	45	45
2	60	52,5
3	70	60

Table 61: Single mechanical seal M7N
 – Single mechanical seal HJ 977 GN



Picture No. 55 - Single mechanical seal M7N, HJ977 GN

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