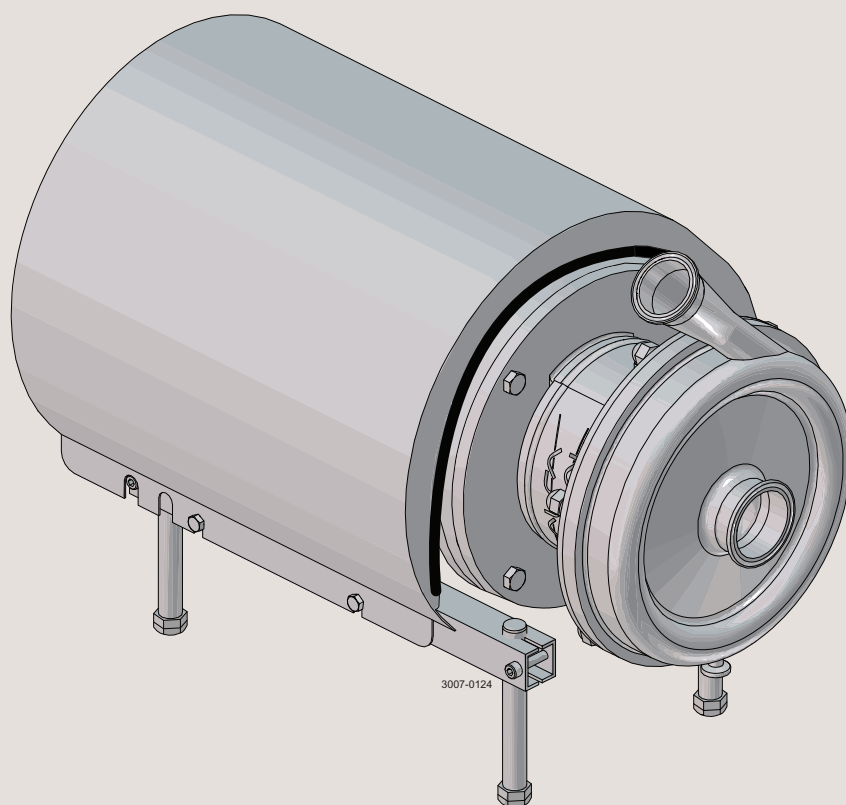




Spare Parts

LKH UltraPure Centrifugal Pump

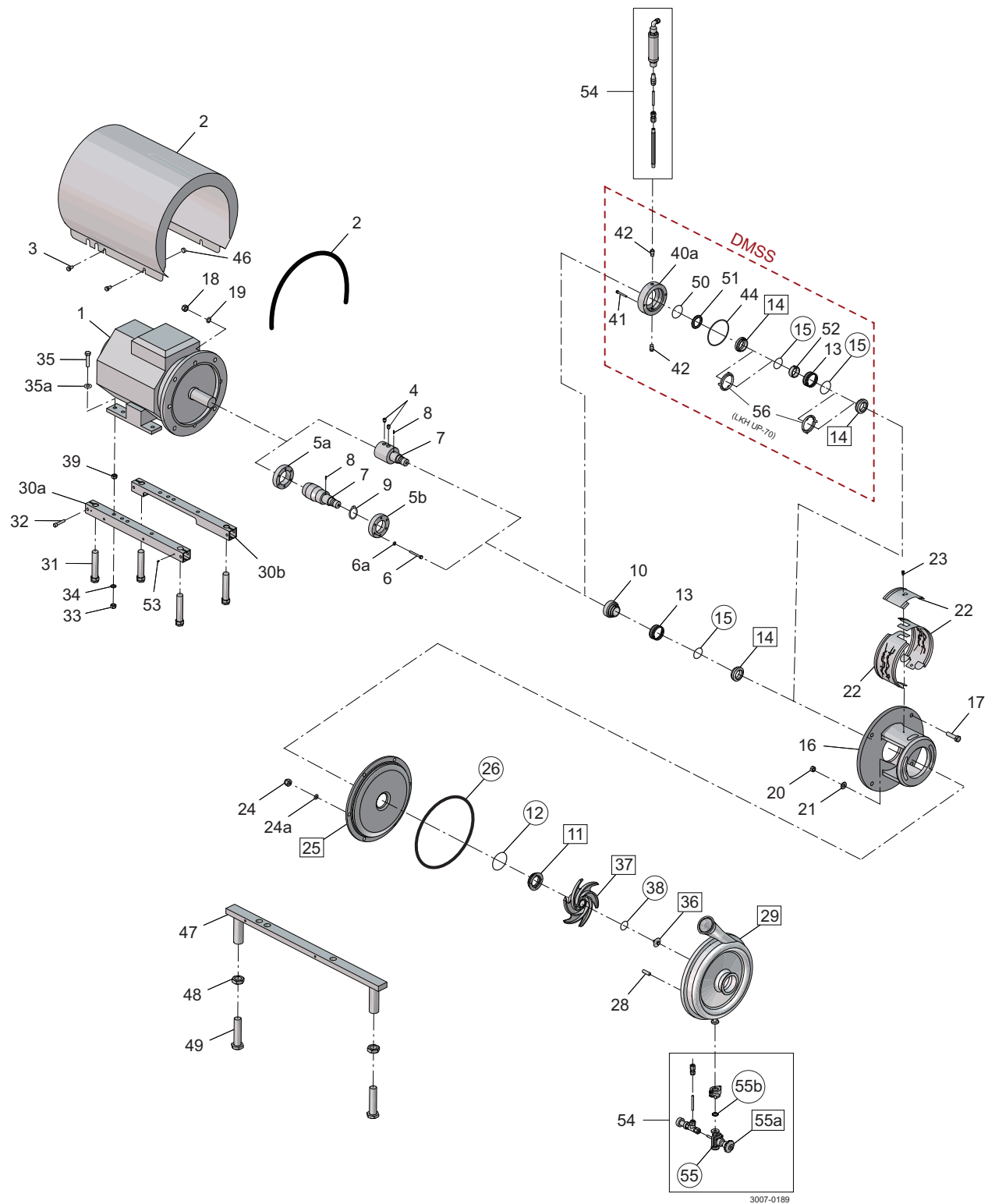


ESE02023-EN15 2020-09

Original manual

The information herein is correct at the time of issue but may be subject to change without prior notice

1. LKH UltraPure - Wet end	4
2. LKH UltraPure - Motor dependent parts	8
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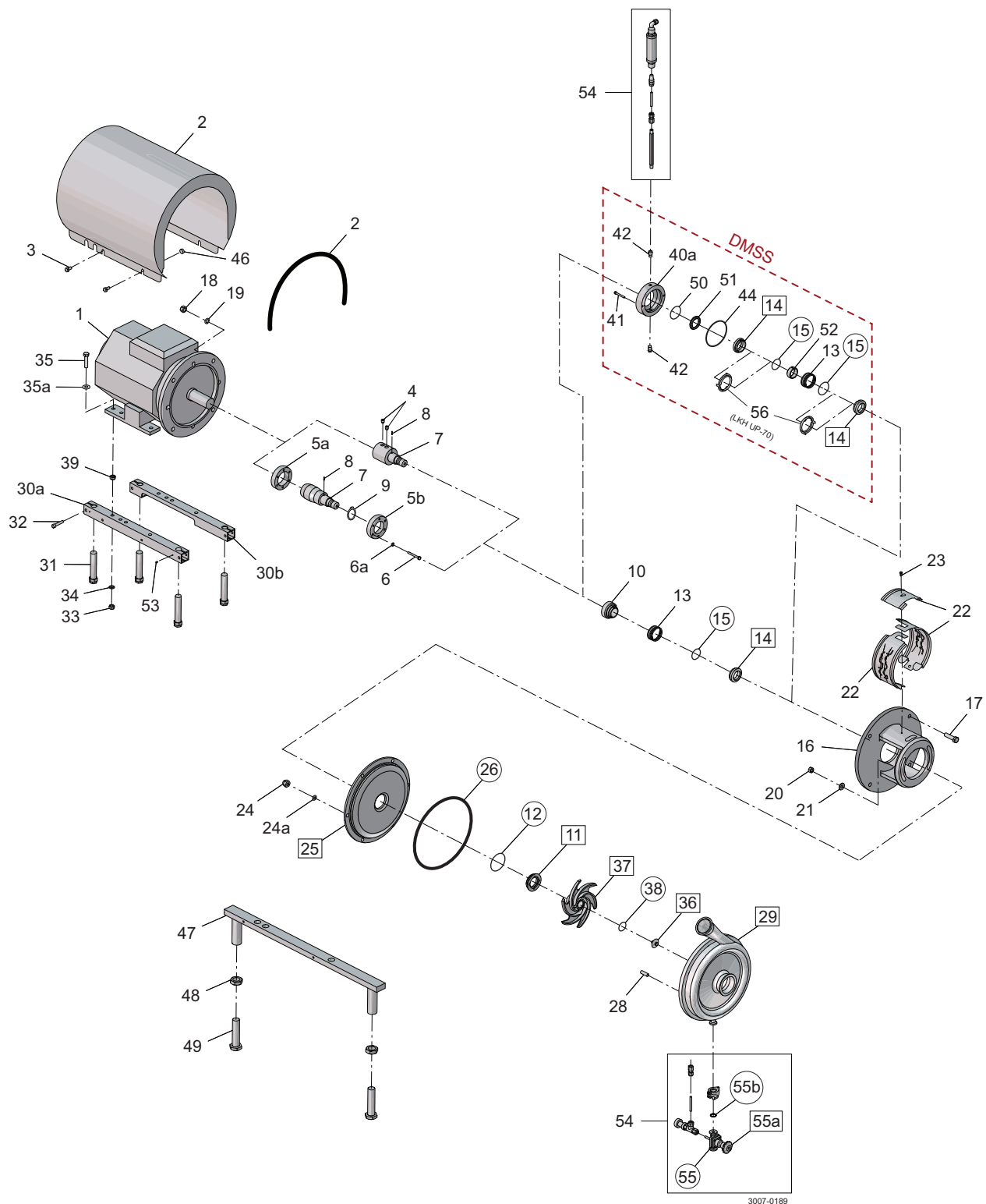


- Product wetted steel parts
- Product wetted elastomer parts

Pos	Qty	Denomination		LKHUP-10	LKHUP-20	LKHUP-25	LKHUP-35
				IEC90- IEC112	IEC100- IEC132	IEC132- IEC160	IEC112- IEC160
Casing Mech Ra ≤ 0.8, 45deg outlet, 1/2" drain							
29	1	Connections and drain, ferrule Tri-clamp for ASME BPE		9612630532	9612630534	9612630536	9612630538
Casing Mech Ra ≤ 0.5, 45deg outlet, 1/2" drain							
	1	Connections and drain, ferrule Tri-clamp for ASME BPE		9612630501	9612630504	9612630507	9612630510
Casing EP Ra ≤ 0.4, 45deg outlet, 1/2" drain							
	1	Connections and drain, ferrule Tri-clamp for ASME BPE		9612630516	9612630519	9612630522	9612630525
Pos	Qty	Denomination		LKHUP-40	LKHUP-45	LKHUP-60	LKHUP-70
				IEC132- IEC180	IEC112- IEC160	IEC132- IEC200	IEC132- IEC250
Casing Mech Ra ≤ 0.8, 45deg outlet, 1/2" drain							
29	1	Connections and drain, ferrule Tri-clamp for ASME BPE		9612630540	9615375301	9615375302	9615375303
Casing Mech Ra ≤ 0.5, 45deg outlet, 1/2" drain							
	1	Connections and drain, ferrule Tri-clamp for ASME BPE		9612630513	9615375304	9615375305	9615375306
Casing EP Ra ≤ 0.4, 45deg outlet, 1/2" drain							
	1	Connections and drain, ferrule Tri-clamp for ASME BPE		9612630528	9615375307	9615375308	9615375309

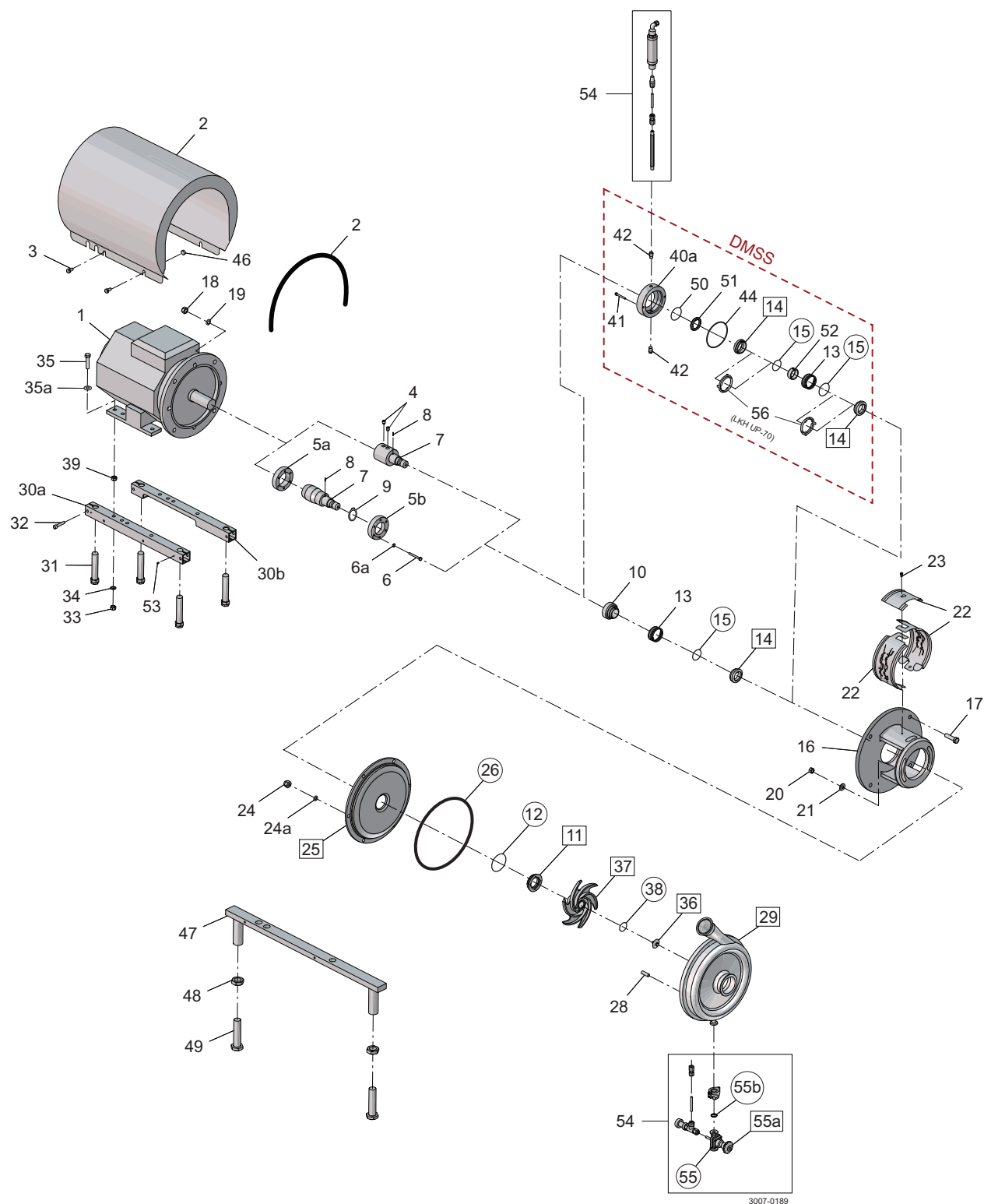
Note: For article numbers on casing specifications not listed above. Please contact your local Alfa Laval partner.

Note: Heat certificates can be downloaded from www.alfalaval.com/certificates



- ☐ Product wetted steel parts
- ☐ Product wetted elastomer parts

Pos	Qty	Denomination	LKHUP-10 IEC90- IEC112	LKHUP-20 IEC100- IEC132	LKHUP-25 IEC132- IEC160	LKHUP-35 IEC112- IEC160
24	6	Cap nut	9611992592	9611992592	9611992593	9611992593
24a	6	Washer	9611991888	9611991888	9611991887	9611991887
28	6	Bolt	9611992168	9611992168	9611992169	9611992169
37	1	Impeller, Mech Ra ≤ 0.8	9612131229	9612131419	9612425217	9612434117
	1	Impeller, Mech Ra ≤ 0.5	9612131206	9612131406	9612425206	9612434106
	1	Impeller, EP Ra ≤ 0.4	9612131225	9612131415	9612425213	9612434113
36	1	Impeller screw, Mech Ra ≤ 0.8	9612139611	9612139611	9612139611	9612139611
	1	Impeller screw, Mech Ra ≤ 0.5	9612139609	9612139609	9612139609	9612139609
	1	Impeller screw, EP Ra ≤ 0.4	9612139610	9612139610	9612139610	9612139610
37	1	Impeller, Mech Ra ≤ 0.8 Delta Ferrite<1%	9612131232	9612131422	9612425220	9612434120
	1	Impeller, Mech Ra ≤ 0.5 Delta Ferrite<1%	9612131226	9612131416	9612425214	9612434114
	1	Impeller, EP Ra ≤ 0.4 Delta Ferrite<1%	9612131227	9612131417	9612425215	9612434115
25	1	Backplate compl, Mech Ra ≤ 0.8	9612633211	9612633212	9612633213	9612633213
	1	Backplate compl, Mech Ra ≤ 0.5	9612633201	9612633202	9612633204	9612633204
	1	Backplate compl, EP Ra ≤ 0.4	9612633206	9612633207	9612633208	9612633208
20	2	Nut	9611990353	9611990353	9611990353	9611990353
21	2	Washer	9611992559	9611992559	9611992559	9611992559
Pos	Qty	Denomination	LKHUP-40 IEC132- IEC180	LKHUP-45 IEC112- IEC160	LKHUP-60 IEC132- IEC200	LKHUP-70 IEC132- IEC250
24	8	Cap nut				9611992593
24a	8	Washer				9611991887
28	8	Bolt				9611992169
37	1	Impeller, Mech Ra≤ 0.8	9612131817	9612363015	9612128316	9612499413
	1	Impeller, Mech Ra≤ 0.5	9612131806	9612363006	9612128306	9612499419
	1	Impeller, EP Ra≤ 0.4	9612131813	9612363014	9612128314	9612499414
36	1	Impeller screw, Mech Ra≤ 0.8	9612139611	9612139611	9612139611	9612927113
	1	Impeller screw, Mech Ra≤ 0.5	9612139609	9612139609	9612139609	9612927111
	1	Impeller screw, EP Ra≤ 0.4	9612139610	9612139610	9612139610	9612927112
37	1	Impeller Mech, Ra≤ 0.8 Delta Ferrite<1%	9612131820	9612363018	9612128319	9612499417
	1	Impeller Mech, Ra≤ 0.5 Delta Ferrite<1%	9612131814	9612363017	9612128318	9612499416
	1	Impeller, EP Ra≤ 0.4 Delta Ferrite<1%	9612131815	9612363019	9612128320	9612499418
25	1	Backplate compl , Mech Ra≤ 0.8	9612633214	9612633213	9612633214	9615284402
	1	Backplate compl, Mech Ra≤ 0.5	9612633205	9612633204	9612633205	9615284403
	1	Backplate compl, EP Ra≤ 0.4	9612633210	9612633208	9612633210	9615284404
20	2	Nut	9611990353	9611990353	9611990353	
21	2	Washer	9611992559	9611992559	9611992559	
20	4	Nut				9611990353
21	4	Washer				9611992559
26	□♦	1 Pump casing O-ring, EPDM				
	□♦	1 Pump casing O-ring, FPM				
	□♦	1 Pump casing O-ring, FEP				
38	□♦	1 O-ring impeller screw, EPDM				
	□♦	1 O-ring impeller screw, FPM				
	□♦	1 O-ring impeller screw, FEP				



LKH UltraPure - Motor dependent parts

Pos	Qty	Denomination	IEC90	IEC100	IEC112	IEC132
LKHUP-10/20/25/35/40/45/60						
7	1	Shaft	9612132402	9612132502	9612132502	9612132602
9	1	Retaining ring	9611992307			
8	1	Connex pin	9611990622	9611990622	9611990622	9611990622
5a	1	Compression ring with thread	9612133601	9612133602	9612133602	9612133605
5b	1	Compression ring without thread	9612133701	9612133702	9612133702	9612133705
6	6	Screw	9611993196	9611993196	9611993196	9611993197
6a	6	Washer	9611993199	9611993199	9611993199	9611993199
16	1	Adaptor	9612342301	9612342401	9612342401	9612342501
17	4	Screw for adaptor	9611992161	9611991834	9611991834	9611992162
18	4	Nut for adaptor	9611990353	9611990587	9611990587	9611990587
19	4	Washer for adaptor	9611991887	9611990676	9611990676	9611990676
22	1	Safety guard set	9614077401	9614077402	9614077402	9614077403
23	1	Screw for safety guard	9611993239	9611993239	9611993239	9611993239
30a	1	Support bar, right	9612132201	9612132205	9612132205	9612132206
30b	1	Support bar, left	9612132301	9612132305	9612132305	9612132306
31	4	Leg	9612396702	9612396702	9612396702	9612396702
32	4	Screw	9611991126	9611991126	9611991126	9611991126
33	4	Nut	9611990360	9611990353	9611990353	9611990353
34	4	Spring washer	9611991888	9611991887	9611991887	9611991887
35	4	Screw	9611993241	9611991911	9611991911	9611991911
35a	4	Washer		9611990786	9611990786	9611990786
39	4	Nut		9611990587		

Shroud

2	1	Shroud	9612139001	9612139003	9612139003	9612139008
3	4	Screw	9611993240	9611993240	9611993240	9611993240
46	4	Distance sleeve		9611992737		9611992737

Accessories

1	Tool complete	9612903601	9612903601	9612903601	9612903601
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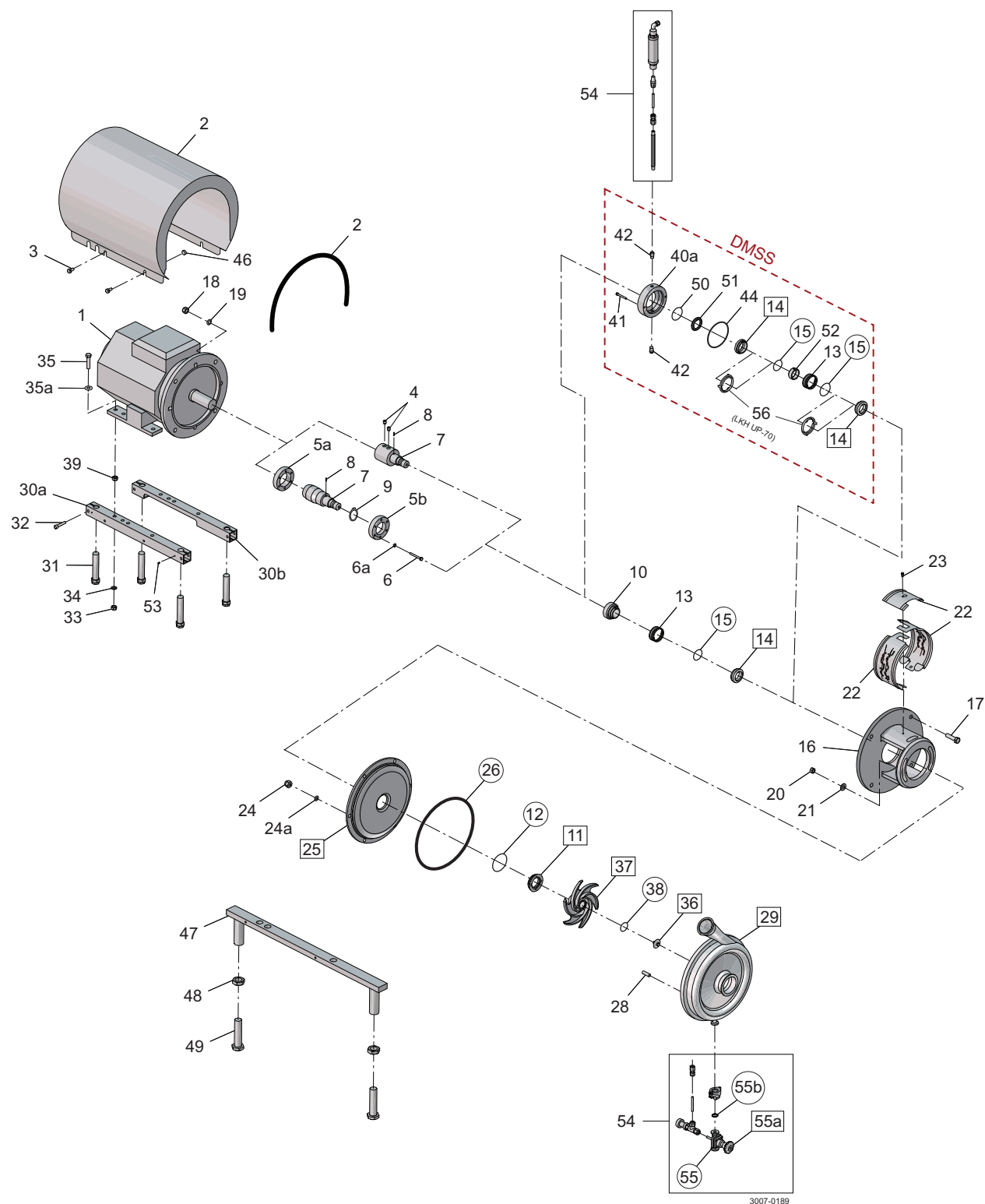
Pos	Qty	Denomination	IEC160	IEC180	IEC200
LKHUP-10/20/25/35/40/45/60					
7	1	Shaft	9612132702	9612132802	9612232902
8	1	Connex pin	9611990622	9611990622	9611990622
5a	1	Compression ring with thread	9612133603	9612133604	9612133607
5b	1	Compression ring without thread	9612133703	9612133704	9612133707
6	6	Screw	9611993198	9611993198	9611993198
6a	6	Washer	9611993199	9611993199	9611993199
16	1	Adaptor	9612342601	9612342601	9612342701
17	4	Screw for adaptor	9611992163	9611992164	9611992164
18	4	Nut for adaptor	9611992160	9611992160	9611992160
19	4	Washer for adaptor	9611991886	9611991886	9611991886
22	1	Safety guard set	9614077404	9614077404	9614077404
23	1	Screw for safety guard	9611993239	9611993239	9611993239
30a	1	Support bar, right	9612132203	9612132204	9612342201
30b	1	Support bar, left	9612132303	9612132304	9612342201
31	4	Leg	9612396702	9612396702	9612396701
32	4	Screw	9611991126	9611991126	9611991907
33	4	Nut	9611990587	9611990587	9611990587
34	4	Spring washer	9611990676	9611990676	9611990676
35	4	Screw	9611991834	9611991834	9611993680
35a	4	Washer	9611990706	9611990706	9611990703

Shroud

2	1	Shroud	9612139005	9612139006	9612593801
3	4	Screw	9611993241	9611993241	9611993243
46	4	Distance sleeve	3143803902	3143803901	3143803903
53	4	Pivot screw			9611991763

Accessories

1	Tool complete	9612903601	9612903601	9612903701
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Product wetted steel parts

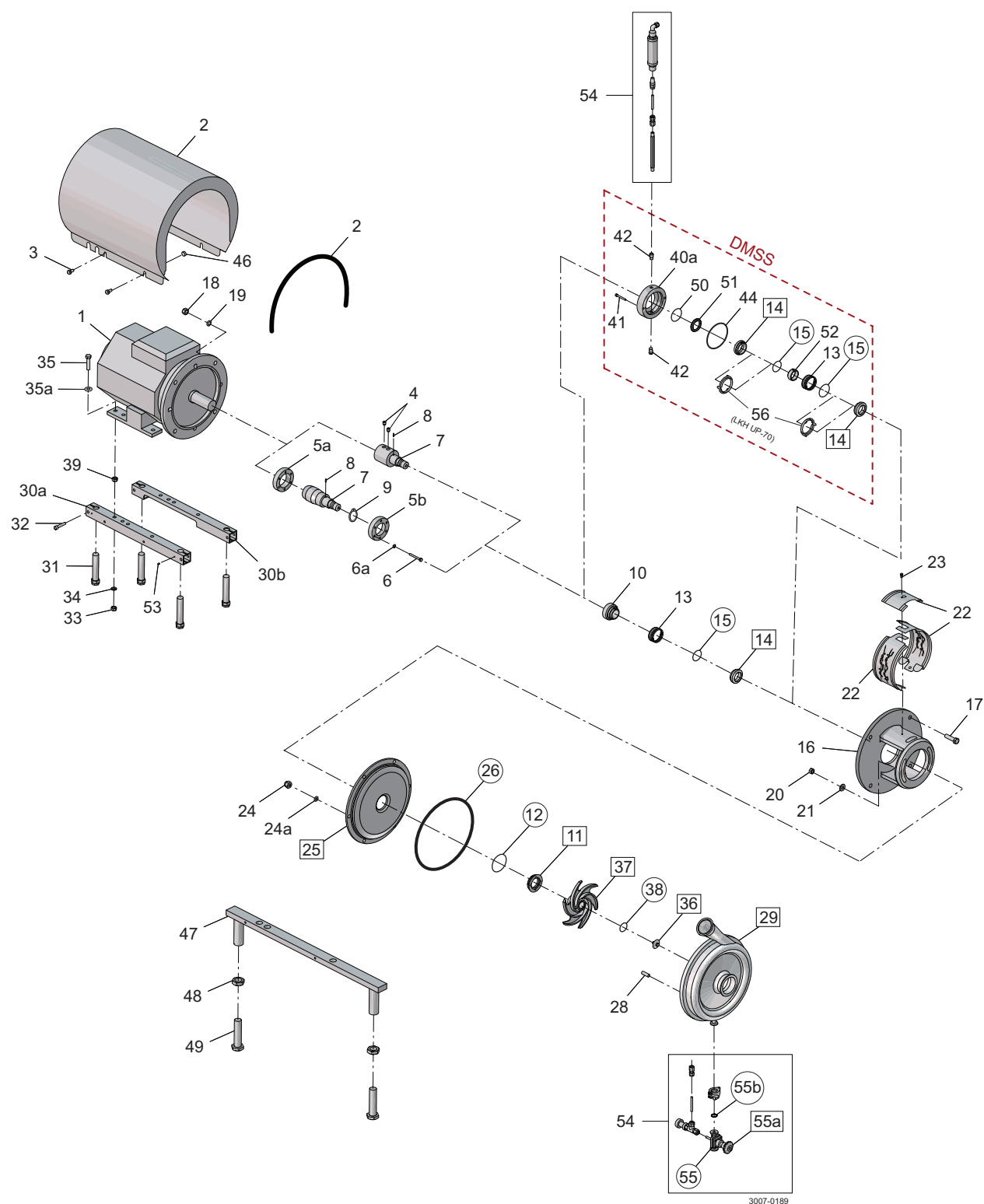


Product wetted elastomer parts

Pos	Qty	Denomination	IEC132 1500rpm	IEC160	IEC180	IEC200	IEC250
LKHUP70							
7	1	Shaft	9612614703	9612512603	9612512303	9612512203	9612501003
8	1	Connex pin	9611990622	9611990622	9611990622	9611990622	9611990622
5a	1	Compression ring with thread	9612133605	9612133603	9612133604	9612133607	9612133608
5b	1	Compression ring without thread	9612133705	9612133703	9612133704	9612133707	9612133708
6	6	Screw	9611993197	9611993198	9611993198	9611993198	9611993266
6a	6	Washer	9611993199	9611993199	9611993199	9611993199	9611993199
16	1	Adaptor	9612614601	9612511901	9612511901	9612511801	9612500801
17	4	Screw for adaptor	9611992162	9611992163	9611992164	9611992164	9611992200
18	4	Nut for adaptor	9611990587	9611992160	9611992160	9611992160	9611992160
19	4	Washer for adaptor	9611990676	9611991886	9611991886	9611991886	9611991886
22	1	Safety guard set	9614077406	9614077407	9614077407	9614077407	9614077408
23	1	Screw for safety guard	9611993239	9611993239	9611993239	9611993239	9611993239
30a	1	Support bar, right	9612132206	9612132203	9612132204	9612342201	
30b	1	Support bar, left	9612132306	9612132303	9612132304	9612342201	
31	4	Legs	9612396702	9612396702	9612396702	9612396701	
32	4	Screw	9611991126	9611991126	9611991126	9611991907	
33	4	Nut	9611990353	9611990587	9611990587	9611990587	
34	4	Spring washer	9611991887	9611990676	9611990676	9611990676	
35	4	Screw	9611991911	9611991834	9611991834	9611993680	
35a	4	Washer	9611990786	9611990706	9611990706	9611990703	
47	2	Leg bracket					9612518401
48	4	Nut for leg					9611993260
49	4	Screw for leg					9612518501
Shroud							
2	1	Shroud	9612139008	9612139005	9612139006	9612593801	9612593804
3	4	Screw	9611993240	9611993241	9611993243	9611993243	9611993243
46	4	Distance sleeve	9611992737	3143803902	3143803901	3143803903	3143803901
53	4	Pivot screw				9611991763	
1.5 kW							
Pos	Qty	Denomination	IEC90	IEC90	IEC100	IEC112	IEC132
1	1	Motor ABB, 3000rpm	9614303003	9614303004	9614303005	9614303006	9614303007
7.5 kW							
Pos	Qty	Denomination	IEC132	IEC160	IEC160	IEC160	IEC180
1	1	Motor ABB, 3000rpm	9614303008	9614303009	9614303010	9614303011	9614303012
30 kW							
Pos	Qty	Denomination	IEC200	IEC200	IEC200	IEC250	IEC250
1	1	Motor ABB, 3000rpm	9614303013	9614303014	9614303015	9614303016	9614303017

3 ~, 50 Hz, 230VD/400-415VY - Standard ≤ 22 kW and 400-415VD/690VY Standard > 22 kW

3 ~, 60 Hz, 440-460VY - Standard ≤ 22 kW and 440-460VD Standard > 22 kW



Pos	Qty	Denomination	LKHUP25/35/		
			LKHUP10/20	40/45/60	LKHUP70
10	1	Drive ring, Single shaft seal steel	9614206001	9614206001	9612514901
Flushing set					
54	1	Basic 1/2"	9612610607	9612610601	9612610608
55	1	Diaphragm EPDM, for Diaphragm valve from 2014 -	9615000101	9615000101	9615000101
55a	1	Diaphragm valve	9615017635	9615017635	9615017635
55b	1	1/2" clamp gasket, EPDM	9615356701	9615356701	9615356701
Parts for double mechanical shaft seal					
40a	1	Seal housing	9612133902	9612133902	9612591401
41	2	Screw for seal housing	9611990203	9611990203	9611993766
42	2	Fittings	9611992323	9611992323	9611992323
Single shaft seal SiC/SiC					
11 □	1	Stationary seal ring, SiC			
12 □	1	O-ring			
13 □	1	Spring			
14 □	1	Rotating seal ring, SiC			
15 □	1	O-ring			
Double mechanical shaft seal SiC/SiC					
11 ♦	1	Stationary seal ring, SiC			
12 ♦	1	O-ring			
13 ♦	1	Spring			
14 ♦	2	Rotating seal ring, SiC			
15 ♦	2	O-ring			
44 ♦	1	O-ring for seal housing			
50 ♦	1	O-ring			
51 ♦	1	Sec. stationary seal ring			
52 ♦	1	Drive ring			
56 ♦	2	Cup			

			EPDM	FPM	FEP
Service kit for single shaft seal (incl. Q-doc)					
□	Service kit LKHUP-10	9611922339	9611922338	9611922340	
□	Service kit LKHUP-20	9611922357	9611922356	9611922358	
□	Service kit LKHUP-25/35/45	9611922375	9611922374	9611922376	
□	Service kit LKHUP-40/60	9611922393	9611922392	9611922394	
□	Service kit LKHUP-70	9611920549	9611920550	9611920551	

Service kit for double mechanical shaft (incl. Q-doc)					
♦	Service kit LKHUP-10	9611922345	9611922344	9611922346	
♦	Service kit LKHUP-20	9611922363	9611922362	9611922364	
♦	Service kit LKHUP-25/35/45	9611922381	9611922380	9611922382	
♦	Service kit LKHUP-40/60	9611922399	9611922398	9611922400	
♦	Service kit LKHUP-70	9611920552	9611920553	9611920554	

Note: All service kits are as standard delivered with Q-doc, including 3.1 certification on product wetted steel parts and declarations of conformity.

Parts marked with □♦ are included in the service kits.

Recommended spare parts: Service kits.

Conversion kit single to double mechanical shaft seal : Please order Double mechanical service kit + pos. 40a + 41 + 42

(900065/19)

How to contact Alfa Laval

Contact details for all countries are continually updated on our website.

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