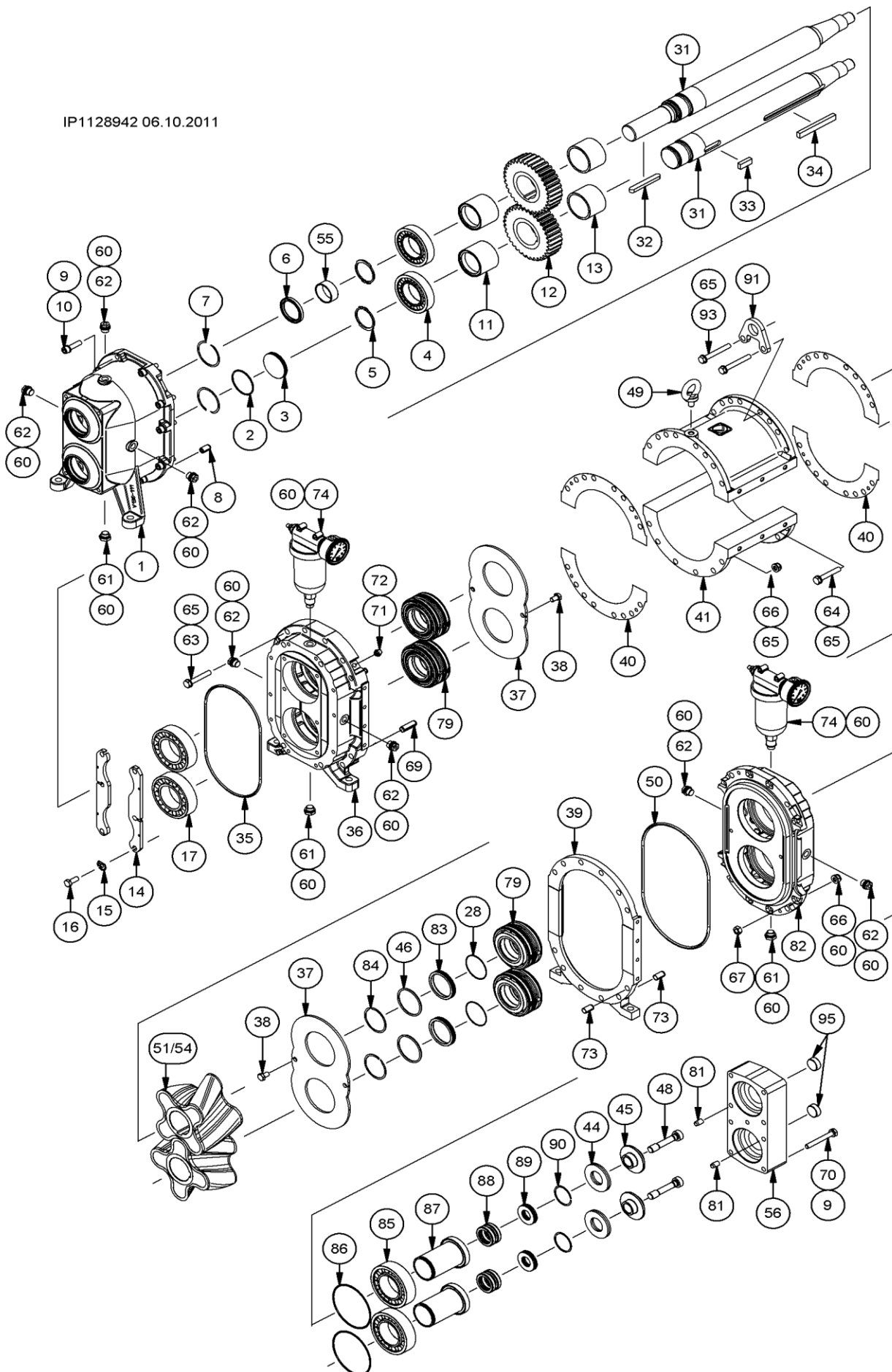


Spare parts list Rotary lobe pump VX136QD

IP1128942 06.10.2011



VX136QD

Spare parts list Rotary lobe pump VX136QD

Gearbox housing and accessories

Position 1-17

Pos.	Part number	Description		Notes	210
1	0220.0942	Gear box housing			1
2	0220.0215	O-ring		NBR; for motor shaft	1
3	0220.1395	Plug disk for gear box housing		For motor shaft	1
4	0220.0306	Cylindrical roller bearing			2
5	0220.0479	Retaining ring		DIN 471	2

For motor shaft

6	0220.0251	Radial shaft seal		HNBR	1
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Motor shaft

Position 30-32

Pos.	Part number	Description		Notes	210
30	0220.1733	Motor shaft		Short	1
31	0220.1551	Motor shaft		Long	1
32	0220.0348	Key		For motor-shaft long	1

¹⁷ for hydraulic motor

Fitting key

Position 33-34

Pos.	Part number	Description		Notes	210
33	0220.0340	Key		DIN 6885	2
34	0220.0332	Key			2
	0220.0333	Key			2

Bearing seal housing + accessories

Position 35-36

Pos.	Part number	Description		Notes	210
35	0220.0133	O-ring		NBR	1
36	0220.0938	Bearing cover			1
	0220.0939	Bearing cover		Option: intermediate flange	

Wear plate

Position 37-38

Pos.	Part number	Description		Notes	210
37	0220.0777	Wear plate			2
38	0220.0410	Hex socket head screw		DIN 933; stainless steel	4

VX136QD

Cover flange

Position 39

Pos.	Part number	Description		Notes	210
39	0220.0930	Ring flange			1

Gasket for pump housing segment Position 40

Pos.	Part number	Description		Notes	210
40	0220.0006	Gasket		Asbestos-free	4

Pump housing segment Position 41

Pos.	Part number	Description		Notes	210
41	0220.0827	Pump housing segment		0.6025	2
41	0220.0830	Pump housing segment		Tungsten carbide coated	2

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Preload

Position 44-48

Pos.	Part number	Description		Notes	210
44	0220.0503	Disk spring		DIN 2093	4
45	0220.1400	Pressure disk			2
46	0220.0146	O-ring		NBR	2
48	0220.1320	Anti-fatigue bolt			2

Lifting eye bolt

Position 49

Pos.	Part number	Description		Notes	210
49	0220.0297	Lifting eye bolt		DIN 580	1

O-ring Position 50

Pos.	Part number	Description		Notes	210
50	0220.0168	O-ring		NBR	

Rotary lobes

HiFlo

Position 51

HiFlo NBR

Pos.	Part number	Description		Notes	210
51	0220.1089	Rotary lobe		NBR	2 (1)
	0220.1099	Rotary lobe		NBR	2 (1)

Solid material rotary lobes

HiFlo

Position 51

Pos.	Part number	Description		Notes	210
51	0220.1123	Rotary lobe ⁽³⁾		1.0503 nitrided	2 (1)
	0220.1125	Rotary lobe ⁽³⁾		1.0503 nitrided	2 (1)

O-ring for solid material lobes

Position 52-53

Pos.	Part number	Description		Notes	210
52	0220.0134	O-ring ⁽⁵⁾		NBR	
53	0220.1734	O-ring ⁽⁵⁾		NBR	

for solid material lobes

Cover and accessories

Position 55-56

Pos.	Part number	Description		Notes	210
55	0220.0292	Inner ring		For motor shaft	1
56	0220.1735	Cover			1

Screws and accessories Position 59-73

Pos.	Part number	Description		Notes	210
60	0220.0102	Copper ring		DIN 7603	10
61	0220.0434	Screw plug		Magnetic	3
62	0220.0432	Screw plug		DIN 910	7
63	0220.0427	Hexagon head screw		DIN 931	12
64	0220.1736	Hexagon head screw		DIN 933	10
65	0220.0511	Washer		DIN 125	48
66	0220.0311	Hexagon nut		DIN 985-8	24
67	0220.0323	Hexagon nut			8
69	0220.0461	Spring pin		DIN 7346	4
70	0220.0401	Hexagon head screw		DIN 933	6
71	0220.0431	Hexagon head screw plug		For motor-shaft	4
72	0220.0100	Copper ring		For motor shaft	4
73	0220.0463	Spring pin		DIN 7346	8

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Buffer chamber enlargement Position 74

Pos.	Part number	Description		Notes	210
74	0220.1432	Buffer fluid tank		Pressurized	1
	0220.1737	Steel Buffer fluid tank			1

Option: intermediate flange

Position 75-78

Pos.	Part number	Description		Notes	210
75	0220.1738	O-ring		NBR	2
76	0220.1739	Intermediate flange			1
77	0220.0382	Hexagon socket head cap screw			2
78	0220.0138	O-ring		NBR	2

Cartridge mechanical seal

Pos.	Part number	Description		Notes	210
Mild steel nitrified					
79	0220.0642	Cartridge block ring single-mechanical seal		Duronit ⁽⁴⁾ / NBR	4

⁽⁴⁾ up to 10 bar [145 psi] real operating pressure

"Loose parts" for Cartridge mechanical seal

Quantity per cartridge

Pos.	Part number	Description		Notes	210
A	0220.0211	O-ring		NBR	1
B	0220.0211	O-ring		NBR	2
C	0220.0142	O-ring		NBR	1
D	0220.0515	Shim			1

These positions are contained in the Cartridge mechanical seal as "loose parts".

For component mechanical seal, see pos. 200-213

Bearing seal housing + accessories

Position 80-95

Pos.	Part number	Description		Notes	210
80	0220.1740	Intermediate flange			2
81	0220.0474	Spring pin		DIN 7346	2
82	0220.0941	Bearing seal housing		Option: intermediate flange	1
	0220.1741	Bearing seal housing			
83	0220.1742	O-ring carrier			2
84	0220.0497	Circlip			2
85	0220.0743	Cylindrical roller bearing			2
86	0220.0176	O-ring		NBR	2
87	0220.1399	Sleeve			2
88	0220.1398	Clamping sleeve		For bearing	2
89	0220.0505	Disk spring		DIN 2096-A50	6
90	0220.0496	Circlip			2
91	0220.1744	Lug			1
93	0220.0456	Hex head screw		DIN 933	2
95	0220.0457	Hex socket screw plug		DIN 906	2

Tools

Pos.	Part number	Description		Notes	210
	0220.0572	Lobe puller		Check need per operating and maintenance manual	x
	0220.0573	Lobe puller		Check need per operating and maintenance manual	

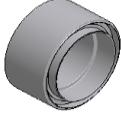
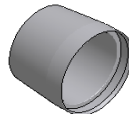
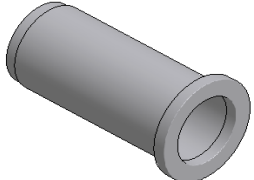
Spare parts list Rotary lobe pump VX136QD

On cartridge mechanical seal

	0220.1745	Tool set Installation/disassembly tool		Cartridge mechanical seal (pos. 79)	
	0220.0584	Installation tool		Cartridge mechanical seal (pos. 79) Included in '0220.1745	

Check need per operating and maintenance manual

For component mechanical seal

	0220.0576	Installation tool		Mechanical seal ring	
	0220.0577	Installation tool		Shaft	
	0220.0579	Installation tool		Lip seal	

Check need per operating and maintenance manual

Material for connectors

Pos.	Part number	Description		Notes	210
	0220.0412	Hex socket screw		DIN 933	28
	0220.0511	Washer		DIN 125	28
	0220.0659	Flange			2
	0220.0033	Flange gasket			2

Necessary spare parts for rotary lobe change

Pos.	Part number	Description		Notes	210
34	0220.0332	Key			2
	0220.0333	Key			2
46	0220.0146	O-ring		NBR	2
48		Anti-fatigue bolt			2
86		O-ring		NBR	2

for solid material lobes

Necessary spare parts for Cartridge mechanical seal change

Pos.	Part number	Description		Notes	210
28	0220.1320	O-ring		NBR	2
46	0220.0146	O-ring		NBR	2
48	0220.1320	Anti-fatigue bolt			2
50	0220.0168	O-ring		NBR	1

Mild steel nitrified					
	0220.0642	Cartridge block ring single-mechanical seal		Duronit ⁽⁴⁾ / NBR	
86	0220.0176	O-ring		NBR	2

⁽⁴⁾ up to 10 bar [145 psi] real operating pressure

Spare parts list Rotary lobe pump VX136QD

Necessary spare parts for component mechanical seal change

Pos.	Part number	Description		Notes	210
28	0220.0142	O-ring		NBR	2
46	0220.0146	O-ring		NBR	2
48	0220.1320	Anti-fatigue bolt			2
50	0220.0168	O-ring		NBR	
86	0220.0176	O-ring		NBR	2
201	0220.0211	O-ring		NBR	4
202	0220.0211	O-ring		NBR	8
203	0220.0142	O-ring		NBR	6
204	0220.0515	Shim			4
205	0220.0128	O-ring		NBR	8
206	0220.0089	Mechanical seal		Duronit ⁴	8
207	0220.0105	O-ring			2
208	0220.0238	O-ring			2
209	0220.0491	Circlip			2

⁴ up to 10 bar [145 psi] real operating pressure

Necessary spare parts for wear part replacement with Cartridge mechanical seal

Pos.	Part number	Description		Notes	210
28	0220.0142	O-ring		NBR	2
34	0220.0332	Key			2
	0220.0333	Key			2
37	0220.0780	Wear plate		Coated with tungsten carbide	2
38	0220.0410	Hex socket head screw		DIN 933; stainless steel	4
40	0220.0006	Gasket		Asbestos-free	4
46	0220.0146	O-ring		NBR	2
48	0220.1320	Anti-fatigue bolt			2
50	0220.0168	O-ring		NBR	

Mild steel nitrified

79	0220.0642	Cartridge block ring single-mechanical seal		Duronit ⁴ / NBR	4
86	0220.0176	O-ring		NBR	2