



ITT

Lowara

SV 2-4-8-16-30-60 Pumps Series Mechanical Seals (standard - optional)								ST/SV-T		
								1/4		
								Issue 1st: 20/10/1995		
								Last issue: July04		
								Rev.		
Dia (mm)	Type	Sliding faces, seals, spring and other components materials							Mech. with Sleeve OR	
	Roten Supplier ext.	Rotary - Stationary	Elastomer OR	Spring	P/N	Used on	Digit	DIN EN 12756 (ex DIN 24960)		
12 X 32,5	UNITEN 5K	SILICON CARBIDE-CARBON	EPDM	A316	002231255	SV2-4	STD	Q1BEGG*	KL01AAD	
	UNITEN 5K	WIDIA-CARBON	FPM		002231241		J	U3BVGG		
	UNITEN 5K	SILICON CARBIDE-WIDIA	EPDM		002231242		P	Q1U3EGG		
	UNITEN 5K	SILICON CARBIDE-WIDIA	FPM		002231243		N	Q1U3VGG		
	UNITEN 5K	SILICON CARBIDE (2 KINDS)	EPDM		002231245		Z	Q1Q1EGG		
	UNITEN 5K	SILICON CARBIDE (2 KINDS)	FPM		002231246		W	Q1Q1VGG		
	UNITEN 5K	WIDIA-WIDIA	FPM		002231247		S	U3U3VGG		
	UNITEN 5K	CARBON Z-WIDIA	FPM		002231248		U	U3CVGG		
	UNITEN 5K	WIDIA-WIDIA	EPDM		002231249		T	U3U3EGG*		
	UNITEN 5K	CARBON Z-WIDIA	EPDM		002231250		L	U3CEGG		
	UNITEN 5K	SILICON CARBIDE-CARBON	FPM		002231251		2	Q1BVGG		KL01AAG
	UNITEN 5K	CL SILICON CARBIDE (2 KINDS)	EPDM		002231257		Z	Q1Q1EGG		KL01AC7
	UNITEN 5K	CL SILICON CARBIDE (2 KINDS)	FPM		002231258		W	Q1Q1VGG		KL01AC9
	UNITEN 5K	TRCL SILICON CARBIDE-CARBON Z	PTFE		002231259		Y	Q1CTGG		KL01ADB
UNITEN 5K	TRCL SILICON CARBIDE (2 KINDS)	PTFE	002231260	1	Q1Q1TGG	KL01ADD				
16 X 35	UNITEN 5K	SILICON CARBIDE-CARBON	EPDM	A316	002231638	SV8-16	STD	Q1BEGG*	KL01AAE	
	UNITEN 5K	SILICON CARBIDE (2 KINDS)	EPDM		002231639		Z	Q1Q1EGG		
	UNITEN 5K	WIDIA-CARBON	FPM		002231641		W	U3BVGG		
	UNITEN 5K	WIDIA-SILICON CARBIDE	EPDM		002231642		P	Q1U3EGG		
	UNITEN 5K	SILICON CARBIDE-WIDIA	FPM		002231643		N	Q1U3VGG		
	UNITEN 5K	SILICON CARBIDE (2 KINDS)	FPM		002231644		W	Q1Q1VGG		
	UNITEN 5K	WIDIA-WIDIA	FPM		002231645		S	U3U3VGG		
	UNITEN 5K	SILICON CARBIDE (2 KINDS)	FPM		002231646		W	Q1Q1VMG		
	UNITEN 5K	CL CARBON Z-WIDIA	EPDM		002231647		L	U3CEGG		
	UNITEN 5K	CARBON Z-WIDIA	FPM		002231648		U	U3CVGG		
	UNITEN 5K	WIDIA-WIDIA	EPDM		002231649		T	U3U3EGG*		
	UNITEN 5K	CL SILICON CARBIDE-WIDIA	PTFE		002231651		-	U3Q1TGG		
	UNITEN 5K	SILICON CARBIDE (2 KINDS)	NBR		002231652		3	Q1Q1PGG		
	UNITEN 5K	TRCL SILICON CARBIDE (2 KINDS)	PTFE		002231654		1	Q1Q1TGG		KL01ADE
	UNITEN 5K	CL SILICON CARBIDE (2 KINDS)	FFKM		002231655		-	Q1Q1KGG		
	UNITEN 5K	CL SILICON CARBIDE (2 KINDS)	EPDM		002231656		Z	Q1Q1EGG		KL01AC8
	UNITEN 5K	SILICON CARBIDE-CARBON	FPM		002231657		2	Q1BVGG		KL01AAH
	UNITEN 5K	CL SILICON CARBIDE (2 KINDS)	FPM		002231658		W	Q1Q1VGG		KL01ADA
	UNITEN 5K	TRCL SILICON CARBIDE (2 KINDS)	PTFE		002231659		Y	Q1CTGG		KL01ADC
	UNITEN 5K	CARBON-CARBON Z	EPDM		002231660		5	VCEGG		
UNITEN85N	CL SILICON CARBIDE (2 KINDS)	EPDM	002231683	P	Q1Q1EGG					
25 X 40	BURGMANN MG12-G60	SILICON CARBIDE-CARBON	EPDM	A316	002232550	SV30-60	STD	AQ1EGG	KL01AAL KL01AAM	
	UNITEN 5K	SILICON CARBIDE-CARBON	FPM		002232551		2	AQ1VGG		
	UNITEN 5K	SILICON CARBIDE (2 KINDS)	FPM		002232541		W	Q1Q1VGG		
	UNITEN 5K	SILICON CARBIDE-WIDIA	EPDM		002232542		P	U3Q1EGG		
	UNITEN 5K	SILICON CARBIDE-WIDIA	FPM		002232543		N	U3Q1VGG		
	UNITEN 5K	WIDIA-WIDIA	EPDM		002232546		T	U3U3EGG		
	UNITEN 5K	WIDIA-WIDIA	FPM		002232549		S	U3U3VGG		
	UNITEN 5K	CARBON-WIDIA	FPM		002232570		J	U3BVGG		
	UNITEN 5K	SILICON CARBIDE (2 KINDS)	EPDM		002232571		Z	Q1Q1EGG		
	UNITEN 5K	SILICON CARBIDE (2 KINDS)	NBR		002232572		3	Q1Q1PGG		
UNITEN 5K	SILICON CARBIDE-WIDIA	PTFE	002232573	-	U3Q1TGG					

ext. = stationary extension (short CC,long CL, special) with stop ring/key, eventually positive drive TR.

Materials.
Ceramic Tungsten carbide = Widia
Carbon Solid silicon carbide
Special carbon Z A316 = 316 SS
Metalized graphite

NBR = Nitrile rubber
EPDM = Ethylene propylene acc. WRAS std*
FPM = Fluoroelastomer like Viton-R
PTFE = Polytetrafluoroethylene like Teflon-R
FFKM = Perfluoroelastomer like Kalrez-R



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SV 2-4-8-16-30-60 PUMP Series O-RINGS					ST/SV - E 2/4	
					Issue 1st: 01/11/1999	
					Last issue: Feb2001	Rev.
SV 2 - 4 std and speciality digits						
<i>Component</i>	<i>EPDM Elastomers (Standard version)</i>	<i>Kit</i>	<i>FPM Elastomers (Speciality A)</i>	<i>Kit</i>	<i>FEP-FPM Elastomers (Speciality G)</i>	<i>Kit</i>
OR internal pin drain plug SV2-4	002221826 (OR 6.02 x 2.62 EPDM)	KL02AA1	002222503 (OR 6.02 x 2.62 FPM)	KL02AA2	002223090 (OR 6.02 x 2.62 FFKM)	KL02AA3
OR external body drain plug	002221827 (OR 9.19 x 2.62 EPDM)	KL02AA1	002222506 (OR 9.19 x 2.62 FPM)	KL02AA2	002223050 (OR 9.19 x 2.62 FEP-FPM)	KL02AA3
OR fill and drain plug # 2	002221829 (OR 15.88 x 2.62 EPDM)	KL02AA1	002222515 (OR 15.88 x 2.62 FPM)	KL02AA2	002223055 (OR 15.54 x 2.62 FEP-FPM)	KL02AA3
OR impeller wear ring SV2-4 -> # like stages	002221832 (OR 39.34 x 2.62 EPDM)		002222534 (OR 39.34 x 2.62 FPM)		002223056 (OR 39.34 x 2.62 FEP-FPM)	
OR outer sleeve SV2-4 # 2	002221878 (OR 123.42 x 3.53 EPDM)	KL02AA1	002222664 (OR 123.42 x 3.53 FPM)	KL02AA3	002223155 (OR 126.6 x 3.53 FEP-FPM)	KL02AA3
OR for oval flange SV2-4 T # 2	002221866 (OR 47.22 x 3.53 EPDM)		002222623 (OR 47.22 x 3.53 FPM)		Not available	
Fill plug	140170150 (with OR EPDM)		140170250 (with OR FPM)		140170710 (with OR FEP-FPM)	
Drain plug	140170140 (with OR EPDM)		140170240 (with OR FPM)		140170720 (with OR FEP-FPM)	
SV 8 - 16 std and speciality digits						
<i>Component</i>	<i>EPDM Elastomers (Standard version)</i>	<i>Kit</i>	<i>FPM Elastomers (Speciality A)</i>	<i>Kit</i>	<i>FEP-FPM Elastomers (Speciality G)</i>	<i>Kit</i>
OR external body drain plug	002221827 (OR 9.19 x 2.62 EPDM)	KL02AA4	002222506 (OR 9.19 x 2.62 FPM)	KL02AA5	002223050 (OR 9.19 x 2.62 FEP-FPM)	KL02AA6
OR fill and drain plug # 2	002221829 (OR 15.88 x 2.62 EPDM)	KL02AA4	002222515 (OR 15.88 x 2.62 FPM)	KL02AA5	002223055 (OR 15.54 x 2.62 FEP-FPM)	KL02AA6
OR impeller wear ring SV8 # like stages	002221864 (OR 44.04 x 3.53 EPDM)		002222620 (OR 44.04 x 3.53 FPM)		002223153 (OR 44.04 x 3.53 FEP-FPM)	
OR impeller wear ring SV16 # like stages	002221867 (OR 53.57 x 3.53 EPDM)		002222629 (OR 53.57 x 3.53 FPM)		002223154 (OR 53.57 x 3.53 FEP-FPM)	
OR outer sleeve SV8-16 # 2	002221880 (OR 152 x 3.53 EPDM)	KL02AA4	002222673 (OR 152 x 3.53 FPM)	KL02AA5	002223156 (OR 158.3 x 3.53 FEP-FPM)	KL02AA6
OR for oval flange SV 8 T # 2 --->	002221870 (OR 66.27 x 3.53 EPDM)		002222641 (OR 66.27 x 3.53 FPM)		Not available	
Fill plug	140170150 (with OR EPDM)		140170250 (with OR FPM)		140170710 (with OR FEP-FPM)	
Drain plug	140170160 (with OR EPDM)		140170260 (with OR FPM)		140170730 (with OR FEP-FPM)	
SV 30 - 60 std and speciality digits						
<i>Component</i>	<i>EPDM Elastomers (Standard version)</i>	<i>Kit</i>	<i>FPM Elastomers (Speciality A)</i>	<i>Kit</i>	<i>FEP-FPM Elastomers (Speciality G)</i>	<i>Kit</i>
OR external body drain plug	002221827 (OR 9.19 x 2.62 EPDM)	148992050	002222506 (OR 9.19 x 2.62 FPM)	148992120	002223050 (OR 9.19 x 2.62 FEP-FPM)	
OR fill and drain plug # 2	002221829 (OR 15.88 x 2.62 EPDM)	148992050	002222515 (OR 15.88 x 2.62 FPM)	148992120	002223055 (OR 15.54 x 2.62 FEP-FPM)	
OR fill plug	002221830 (OR 20.24 x 2.62 EPDM)	148992050	002222519 (OR 20.24 x 2.62 FPM)	148992120	Not available	
OR outer sleeve SV30-60 # 4	002221891 (OR 189.86 x 5.34 EPDM)	148992050	002221691 (OR 189.86 x 5.34 FPM)	148992120	Not available	
Fill plug	140170150 (with OR EPDM)		140170250 (with OR FPM)		140170710 (with OR FEP-FPM)	
Drain plug	140170160 (with OR EPDM)		140170260 (with OR FPM)		140170730 (with OR FEP-FPM)	



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SV 2-4-8-16-30-60 Impeller Dimensions			ST/SV-G			
			4/4			
			Issue 1st: 16/05/97			
			Last issue : November04		Rev.	
Pump Type	Impeller	Impeller	Dimensions (mm)			
	P/N A304	P/N A316	D2	b2	D1	Dm
SV 2	150702100	150702160	94.5	2.1	37.8	12
SV 4	150702110	150702170	96	2.5	37.8	12
SV 8	150702120	150702180	111	3.5	42.2	16
SV 16	150702130	150702190	119	5.9	51.6	16
SV 30 RIGHT rotation	-	150702240 R	135/125	9	61.8	25
SV 30 LEFT rotation	-	150702250 L	135/125	9	61.8	25
SV 60 RIGHT rotation	-	150702260 R	128/109	17.6	83.9	25
SV 60 LEFT rotation	-	150702270 L	128/109	17.6	83.9	25
			D2 -->	- Imp. OUTside Blade Dia.		
			b2 -->	- Blade Height		
			D1 -->	- Imp. EYE Dia.		
			Dm -->	- Hub INTernal Dia.		



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