

33-46-66-92-125 SV Pumps Series Mechanical Seals (standard - optional)								ST/e-SV-T 1/3		
								Issue 1st: 10/01/2010		
								Last issue:	Rev.	
Dia (mm)	Type Roten Supplier ext.	Sliding faces, seals, spring and other components materials							Mech. with Sleeve OR	
		Rotary - Stationary	Elastomer OR	Spring	P/N	Used on	Digit	DIN EN 12756 (ex DIN 24960)		
22 X 48,5	UNITEN8E 5K		SILICON CARBIDE-CARBON	EPDM		002232300	33SV	STD	Q1BEGG*	KL01AC0
	UNITEN8E 5K	CL	SILICON CARBIDE (2 KINDS)	EPDM		002232302	46SV	Z	Q1Q1EGG	KL01AC1
	UNITEN8E 5K	RCL	SILICON CARBIDE (2 KINDS)	EPDM		002232303	66SV	Y	Q1Q1EGG	
	UNITEN8E 5K		SILICON CARBIDE-CARBON	FPM		002232306	92SV	2	Q1BVGG	KL01AC2
	UNITEN8E 5K	CL	SILICON CARBIDE (2 KINDS)	FPM	A316	002232308	125SV	W	Q1Q1VGG	KL01AC3
	UNITEN8E 5K	CL	SILICON CARBIDE (2 KINDS)	FFKM		002232309		Y	Q4Q1KGG	
	UNITEN8E 5K	TRCL	SILICON CARBIDE (2 KINDS)	PTFE		002232311		Y	Q1CTGG	KL01AC5
	UNITEN8E 5K	TRCL	SILICON CARBIDE (2 KINDS)	PTFE		002232312		1	Q1Q1TGG	KL01AC6
	UNITEN8E 5K		SILICON CARBIDE-CARBON SPEC.	EPDM		002232315		HT150°	Q1AEGG	
	UNITEN8E 5K		SILICON CARBIDE-CARBON SPEC.	FPM		002232316		HT	Q1AVGG	
	FLUITEN BM3A		SILICON CARBIDE-CARBON	EPDM		002232340		Y	Q1BEGG	
UNITEN8E 5K	CL	SILICON CARBIDE-BRAZED WIDIA	FFKM		002232381		Y	U3Q1KGG		

ext. = stationary extension (short,long, special) with stop ring/key

Materials.		
Ceramic	Tungsten carbide = Widia	NBR = Nitrile rubber
Carbon	Solid silicon carbide	EPDM = Ethylene propylene acc. WRAS std*
Special carbon Z	A316 = 316 SS	FPM = Fluoroelastomer
Graphite, Metalized		PTFE = Polytetrafluoroethylene
Carbon Special, Metalized		FFKM = Perfluoroelastomer

33-46-66-92-125 SV PUMP Series O-RINGS

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33-46-66-92-125 SV std and specialty digits

Component	EPDM Elastomers (Standard version)		FPM Elastomers (Speciality)		FEP-FPM Elastomers (Speciality)	
	Kit	Kit	Kit	Kit	Kit	Kit
OR external body drain plug # 2	002221827 (OR 9.19 x 2.62 EPDM)	1 2	002222506 (OR 9.19 x 2.62 FPM)	3 4	002223050 (OR 9.19 x 2.62 FEP-FPM)	5 6
OR fill, drain & vent plug 33-125SV # 4	002221834 (OR 17.13 x 2.62 EPDM)	1 2	002222516 (OR 17.13 x 2.62 FPM)	3 4	002223051 (OR 17.13 x 2.62 FEP-FPM)	5 6
OR trust balancing 33SV drum	002221835 (OR 47.3 x 2.62 EPDM)	1 -	002222539 (OR 47.3 x 2.62 FPM)	3 -	002223052 (OR 45.69 x 2.62 FEP-FPM)	5 -
OR trust balancing 46SV drum	002221836 (OR 58.42 x 2.62 EPDM)	1 -	002222546 (OR 58.42 x 2.62 FPM)	3 -	002223053 (OR 56.82 x 2.62 FEP-FPM)	5 -
OR trust balancing drum 66-92SV	002221838 (OR 69.52 x 2.62 EPDM)	- 2	002222553 (OR 69.52 x 2.62 FPM)	- 4	002223054 (OR 67.95 x 2.62 FEP-FPM)	- 6
OR mech seal sleeve 33-125SV	002221852 (OR 21.82 x 3.53 EPDM)	1 2	002222604 (OR 21.82 x 3.53 FPM)	3 4	002223150 (OR 21.82 x 3.53 FEP-FPM)	5 6
OR seal housing 33-125SV	002221875 (OR 98.02 x 3.53 EPDM)	1 2	002221644 (OR 98.02 x 3.53 FPM)	3 4	002223151 (OR 98.02 x 3.53 FEP-FPM)	5 6
OR outer sleeve 33-46SV	002221891 (OR 189.86 x 5.34 EPDM)	1 -	002221691 (OR 189.86 x 5.34 FPM)	3 -	002223253 (OR 196.21 x 5.34 FEP-FPM)	5 -
OR outer sleeve 66-125SV #2	002221894 (OR 221.61 x 5.34 EPDM)	- 2	002221694 (OR 221.61 x 5.34 FPM)	- 4	002223258 (OR 227.96 x 5.34 FEP-FPM)	- 6
Fill plug	140170500 (with OR in EPDM)		140170510 (with OR in FPM)		140170650 (with OR in FEP-FPM)	
Vent plug	140170550 (with OR in EPDM)		140170560 (with OR in FPM)		140170660 (with OR in FEP-FPM)	
Drain plug	140170600 (with OR in EPDM)		140170610 (with OR in FPM)		140170670 (with OR in FEP-FPM)	

- Kit O-Rings SV HC (High Capacity) :
- 1 - KL02AAA - 33-46SV EPDM
 - 2 - KL02AAC - 66-125SV EPDM
 - 3 - KL02AAE - 33-46SV FPM
 - 4 - KL02AAF - 66-125SV FPM
 - 5 - KL02AA8 - 33-46SV FEP
 - 6 - KL02AA9 - 66-125SV FEP

33-46-66-92-125 SV Impeller Dimensions			ST/SV-G			
			3/3			
			Issue 1st: January 2011			
			Last issue :		Rev.	
Pump Type	Impeller	Impeller	Dimensions (mm)			
	P/N A304	P/N A316	D2	b2	D1	Dm
33SV Full dia.	-	150702740	131	7,4	58.5	22
33SV Reduced dia. Type A	-	150702820	113	7,4	58.5	22
46SV Full dia.	-	150702750	131	12	71.0	22
46SV Reduced dia. Type A	-	150702830	122	12	71.0	22
66SV Full dia.	-	150702760	147,2	11	79.5	22
66SV Reduced dia. Type A	-	150702840	133	11	79.5	22
92SV Full dia.	-	150702770	144,4	16,4	90.5	22
92SV Reduced dia. Type A	-	150702850	136	16,4	90.5	22
125SV Full dia.	160704400	160704452	145	145	95	22
125SV Reduced dia. Type B	160704410	160704462	141	141	95	22
125SV Reduced dia. Type A	160704420	160704472	136	136	95	22
			D2 -->	- Imp. OUTside Blade Dia.		
			b2 -->	- Blade Height		
			D1 -->	- Imp. EYE Dia.		
			Dm -->	- Hub INTernal Dia.		

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