



ITT

Lowara

SH/A - SH/P pump Series Mechanical Seals (standard - optional)							ST/SH		
							Issue 1st: 01/10/1999		
							Last issue: March 2010		Rev.
DxL(k) mm	Type UNITEN Roten Supplier ext	Materials Sliding faces, seals, spring A316,others			P/N	Digit	Used on:		
		Rotary - Stationary	Elastomer OR	DIN EN 12756 (DIN 24960)					
22 x 37,5	3K	CERAMICA - CARBONE	FPM	VBVGG	002232201	STD	SHE 2/4 POLE:	SHS 2 POLE:	SHF 2/4 POLE:
	3K	CERAMIC - CARBON	EPDM	VBEGG	002232204	B	25, 32	25, 32	25, 32
	5K-CL	CERAMIC - CARBON Z	EPDM	VCEGG	002232270	5	40-125 ; 40-160 ; 40-200	40-125 ; 40-160 ; 40-200	40-125 ; 40-160 ; 40-200
	5K-CL	CERAMIC - CARBON Z	FPM	VCVGG	002232271	C	50-125 ; 50-160 ; 50-200	50-125 ; 50-160 ; 50-200	50-125 ; 50-160 ; 50-200
	5K-CL	WIDIA - CARBON Z	EPDM	U3CEGG	002232272	L	65-125		
	5K-CL	WIDIA - CARBON Z	FPM	U3CVGG	002232273	U	+ MODEL:	+ MODEL:	+ MODEL:
	5K-CL	WIDIA -SiC	EPDM	U3Q1EGG	002232247	P	SHE 40-250/92, /110	SHS 40-250/110, /110A	SHF 40-250/110A, /110
	5K-CL	WIDIA -SiC	FPM	U3Q1VGG	002232243	N	SHE4 40-250/15	SHS4 40-250/15	SHF4 40-250/15
	5K-CL	WIDIA -WIDIA	EPDM	U3U3EGG	002232248	T	SHE 65-160/40, /55, /75, /92	SHS 65-160/40, /55, /75, /110A	SHF 65-160/40, /55, /75, /110A
	5K-CL	WIDIA -WIDIA	FPM	U3U3VGG	002232246	S	SHE4 65-160/05, /07, /11, /11A	SHS4 65-160/05, /07, /11A, /11	SHF4 65-160/05, /07, /11A, /11
	5K-CL	SiC -Si-SiC	EPDM	JQ1EGG	002232274	Z			
	5K-CL	SiC -Si-SiC	FPM	JQ1VGG	002232244	W			
	4K-CL	CERAMIC - CARBON	PTFE	VBTTGG	002232233	D			
	45K-CL	SiC -Si-SiC	PTFE	JQ1TGG	002232238	1			
28 x 42,5	3K	CERAMIC - CARBON	FPM	VBVGG	002232802	STD	SHE 2/4 POLE:	SHS 2/4 POLE:	SHF 2/4 POLE:
	3K	CERAMIC - CARBON	EPDM	VBEGG	002232801	B	50-250	50-250	50-250
	5K-CL	CERAMIC - CARBON Z	EPDM	VCEGG	002232847	5	65-200	65-200	65-200
	5K-CL	CERAMIC - CARBON Z	FPM	VCVGG	002232848	C	80-160 ; 80-200	80-160	80-160
	5K-CL	WIDIA - CARBON Z	EPDM	U3CEGG	002232849	L	+ MODEL:	+ MODEL:	+ MODEL:
	5K-CL	WIDIA - CARBON Z	FPM	U3CVGG	002232805	U	SHE 40-250/150	SHS 40-250/150	SHF 40-250/150
	5K-CL	WIDIA -SiC	EPDM	U3Q1EGG	002232870	P	SHE4 40-250/22	SHS4 40-250/22	SHF4 40-250/22
	5K-CL	WIDIA -SiC	FPM	U3Q1VGG	002232846	N	SHE 65-160/110	SHS 65-160/110	SHF 65-160/110
	5K-CL	WIDIA -WIDIA	EPDM	U3U3EGG	002232871	T	SHE4 65-250/30	SHS4 65-160/15	SHF4 65-160/15
	5K-CL	WIDIA -WIDIA	FPM	U3U3VGG	002232845	S		SHS 80-200/220	SHF 80-200/220
	5K-CL	SiC -Si-SiC	EPDM	JQ1EGG	002232873	Z		SHS4 80-200	SHF4 80-200/30, /40
	5K-CL	SiC -Si-SiC	FPM	JQ1VGG	002232874	W			
	4K-CL	CERAMIC - CARBON	PTFE	VBTTGG	002232836	D			
	45K-CL	SiC -Si-SiC	PTFE	JQ1TGG	002232838	1			
33 x 42,5	3K	CERAMIC - CARBON	FPM	VBVGG	002233302	STD		SHS 2/4 POLE:	SHF 2/4 POLE
	3K	CERAMIC - CARBON	EPDM	VBEGG	002233301	B		65-250	65-250
	5K-CL	CERAMIC - CARBON Z	EPDM	VCEGG	002233341	5			80-250
	5K-CL	CERAMIC - CARBON Z	FPM	VCVGG	002233342	C	MODEL:		+MODEL:
	5K-CL	WIDIA - CARBON Z	EPDM	U3CEGG	002233343	L	SHE4 80-250/55, /75	SHS 80-200/300, /370	SHF 80-200/300, /370
	5K-CL	WIDIA - CARBON Z	FPM	U3CVGG	002233305	U		SHS4 80-250/55, /75	
	5K-CL	WIDIA -SiC	EPDM	U3Q1EGG	002233344	P			
	5K-CL	WIDIA -SiC	FPM	U3Q1VGG	002233340	N			
	5K-CL	WIDIA -WIDIA	EPDM	U3U3EGG	002233345	T			
	5K-CL	WIDIA -WIDIA	FPM	U3U3VGG	002233346	S			
	5K-CL	SiC -Si-SiC	EPDM	JQ1EGG	002233347	Z			
	5K-CL	SiC -Si-SiC	FPM	JQ1VGG	002233348	W			
	4K-CL	CERAMIC - CARBON	PTFE	JQ1TGG	002233300	D			

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

L_(k) = Working lenght
 UNITEN : mechs with dimensions acc. DIN EN 12756 (DIN 24960) / ISO 3069 std
 CL = stationary ring with extension and slot

Materials
 Ceramic
 Carbon
 Special carbon Z

Widia=Tungsten carbide
 SiC, Si-SiC=Solid silicon carbide
 AISI 316

EPDM=Ethylene propylene
FPM=Fluoro carbon like Viton
PTFE=Fluoro polymer like Teflon



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SH/A - SH/P pump Series				O-Ring (standard - optional)		ST/SH	
						Issue 1st : 01/11/1999	
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<p>FPM = Fluoro carbon like Viton-R EPDM = Ethylene propylene</p>							
	USED ON PUMPS			Used on parts	Material	Dim's (mm)	P/N
	- SHE	- SHS	- SHF				
Std B	SHE 2-4 pole: 65-200 80-160 ; 80-200 +Model: SHE4 80-250	SHS 2-4 pole: 65-200; 65-250 80-160; 80-200 +Model: SHS4 80-250	SHF 2-4 pole 65-200 ; 65-250 80-160 ; 80-250	Plug (1)	FPM EPDM	13.10 X 2.62	002222511 002221828
Std B	SHE All	SHS All	SHF All	Plug (2)	FPM EPDM	15.88 X 2.62	002222515 002221829
Std B	SHE 2-4 pole: 32-125 40-125	SHS 2-4 pole: 32-125 40-125	SHF 2-4 pole 32-125 40-125	Pump body dim. 1	FPM EPDM	158.1 X 5.34	002221688 002221888
Std B	SHE 2-4 pole: 32-160 40-160 50-125 ; 50-160	Model: SHS 25-160 SHS 32-160 SHS 40-160 SHS 50-125 + SHS 2-4 pole: 50-160	SHF 2-4 pole 32-160 40-160 50-125 ; 50-160 65-125	Pump body dim. 2	FPM EPDM	189.86 X 5.34	002221691 002221891
Std B	SHE 2-4 pole: 32-200 40-200	Model: SHS 32-200 + SHS 2-4 pole: 40-200	SHF 2-4 pole 32-200	Pump body dim. 3	FPM EPDM	221.61 X 5.34	002221694 002221894
Std B	SHE 2-4 pole: 50-200 65-160 ; 65-200	SHS 2-4 pole: 50-200 65-160 ; 65-200	SHF 2-4 pole 65-160 ; 65-200	Pump body dim. 4	FPM EPDM	247.01 X 5.34	002221696 002221896
Std B	SHE 2-4 pole: 32-250 40-250 50-250 80-160 ; 80-200 +Model: SHE4 65-250	SHS 2-4 pole: 32-250 40-250 50-250 80-160 ; 80-200	SHF 2-4 pole 32-250 40-250 50-250 65-250 80-160 ; 80-200	Pump body dim. 5	FPM EPDM	278.76 X 5.34	002221697 002221897
Std B	SHE4 80-250	SHS4 80-250	SHF 2-4 pole 80-250	Pump body dim. 6	FPM EPDM	304.16 X 5.34	002221698 002221898
<p>1) ORing mounted on drain plug: - P/N 140170340 [FPM OR - P/N 140170370 [EPDM OR</p> <p>2) ORing mounted on fill plug: - P/N 140170250 [FPM OR P/N 140170150 [EPDM OR</p>							