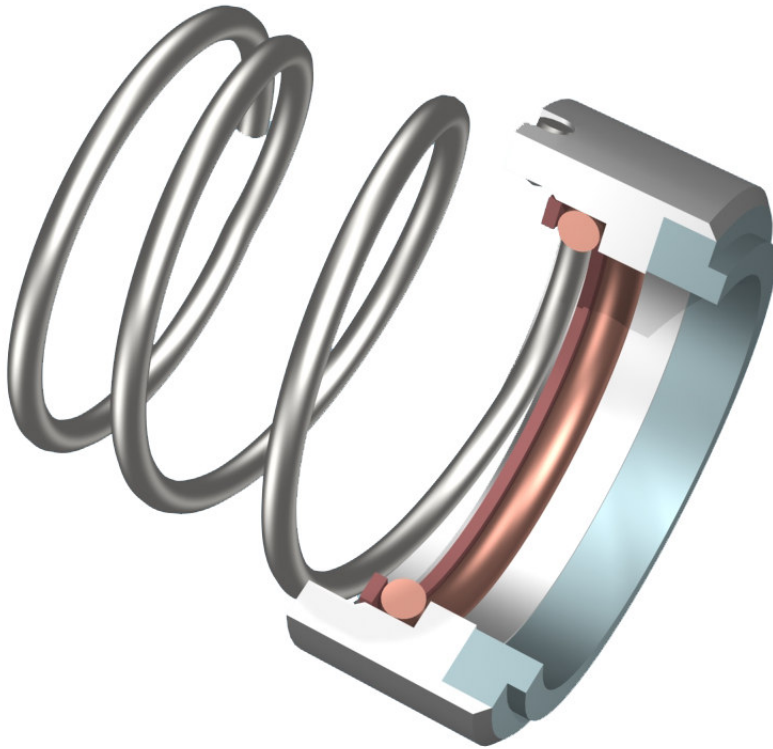


# SLM

## CONICAL SPRING SEAL



- UNI-DIRECTIONAL
- HIGH PERFORMANCE
- LOW COST
- GOOD FOR BLIND INSTALLATIONS
- FITS ANSI, ISO & DIN PUMPS

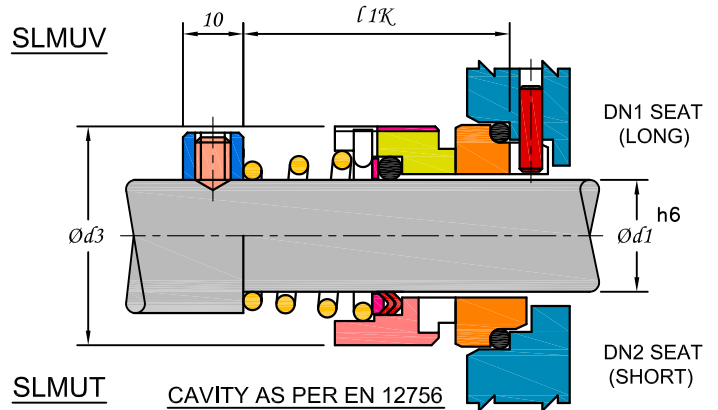
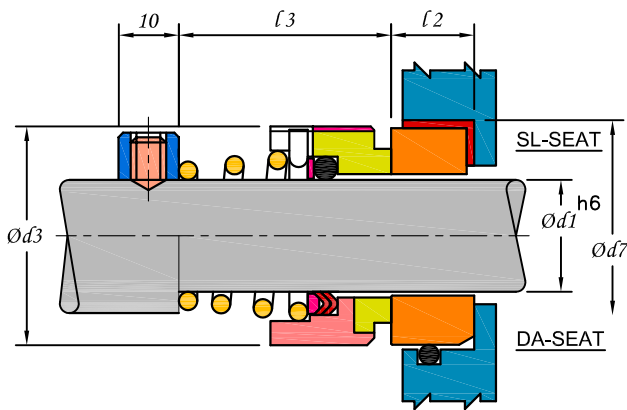
These are low cost, mass manufactured seals for clear liquid and moderate slurries. Widely used for water pumps, monoblock pumps, gear pumps and closely coupled pumps. The seal requires only a shaft collar or abutment making the installation easy on conical or blind stuffing boxes.

### APPLICATIONS :

- CLEAN WATER
- SOLVENTS
- CUTTING OIL
- SEWAGE PUMPS
- MODERATE SLURRY



# INSTALLATION DIMENSIONS



## INCH SIZES

SIZE CODE INCH	$d_1$	$d_3$	$d_7$	$l_3$	$l_2$
0127	12.70	22.22	25.40	15.87	7.9
0158	15.87	28.57	31.75	15.87	10.3
0191	19.05	31.75	34.92	22.22	10.3
0222	22.22	34.92	38.10	22.22	10.3
0254	25.40	38.10	41.30	25.40	11.1
0286	28.57	42.90	44.50	25.40	11.1
0317	31.75	46.10	47.62	28.57	11.1
0349	34.92	49.20	50.80	28.57	11.1
0381	38.10	52.38	54.00	31.75	11.1
0413	41.27	55.55	60.33	31.75	12.7
0445	44.45	60.30	63.50	34.92	12.7
0476	47.62	63.50	66.68	38.10	12.7
0508	50.80	66.68	69.85	38.10	12.7

## METRIC SIZES

SIZE CODE MM	$d_1$	$d_3$	$l_{1K}$
0120	12.00	22.22	32.5
0140	14.00	25.00	35.0
0160	16.00	28.57	35.0
0180	18.00	31.80	37.5
0200	20.00	31.80	37.5
0220	22.00	34.92	37.5
0240	24.00	36.60	40.0
0250	25.00	38.10	40.0
0280	28.00	42.90	42.5
0300	30.00	42.70	42.5
0320	32.00	46.10	42.5
0350	35.00	49.20	42.5
0380	38.00	52.38	45.0
0400	40.00	55.60	45.0
0430	43.00	57.20	45.0
0450	45.00	60.30	45.0
0480	48.00	63.50	45.0
0500	50.00	66.68	47.5

DIMENSIONS FOR HIGHER SIZES AVAILABLE ON REQUEST

## LIMITING PARAMETERS

<b>PRESSURE</b>
UPTO 10 BAR

<b>TEMPERATURE</b>
-20°C TO 280°C
DEPENDING UPON ELASTOMER

<b>SPEED</b>
26 m/sec
≤ 3000 rpm

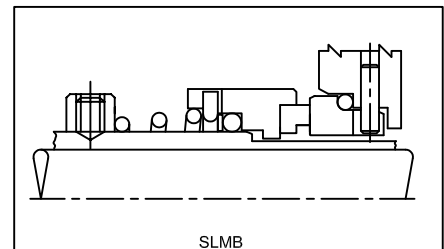
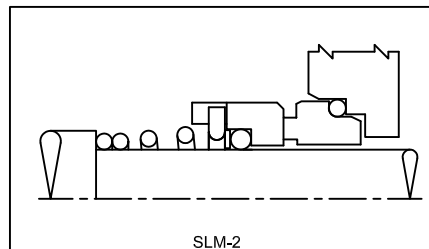
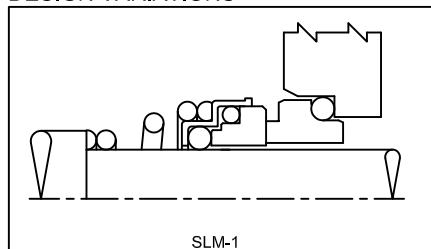
## MATERIALS

<b>METAL PARTS</b>
SS304 (STD)
SS316 (SPECIAL)

<b>SEAL FACES</b>	
ROTARY	STATIONARY
CARBON	CERAMIC, SIC, TC, HIFALLOY
SIC	SIC
TC	SIC, TC

<b>ELASTOMERS</b>
VITON, NBR, EPR
PTFE, FEP
AFLAS, FFKM

## DESIGN VARIATIONS



Registered Trademarks : Viton - Du Pont, Hastelloy - Haynes International, Inc. Kalrez - Du Pont Aflas - Asahi Glass Co.



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