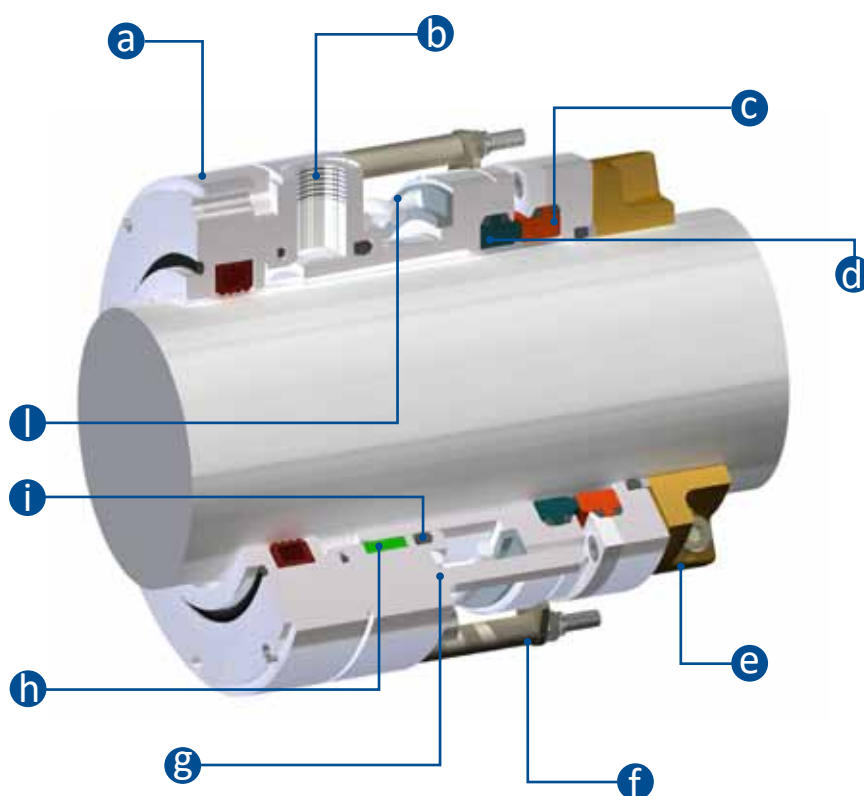


MUV- MUSV MECHANICAL SEALS

The MUV and MUSV models can be installed on shafts from 40mm to 125mm; in these cases the seal ring of the stationary element is in special graphite (Z31) and that of the rotating element is in chrome molybdenum steel (V1) or silicon carbide (U41). On request seals can be certified by any of the major maritime institutions.



Features

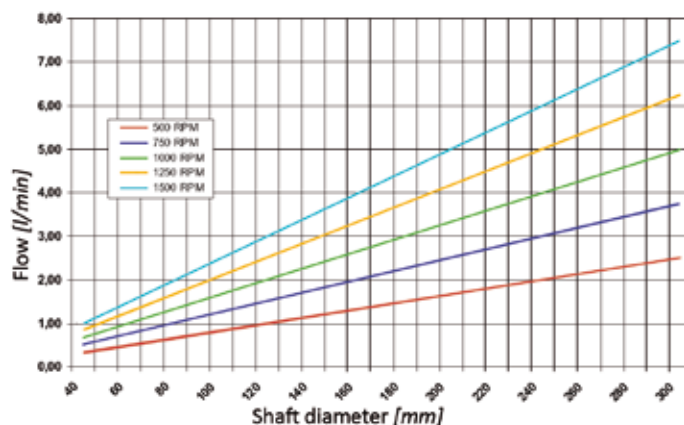
- a) Optional pneumatic security system, IDROSTOP
- b) Lubrication and cooling connection
- c) Rotating ring in anti-wear material for better resistance to abrasion
- d) Stationary ring to reduce power absorption: available also in split version
- e) Self aligning drive collar
- f) Mobile setting plate for easy and correct assembling
- g) Steel body in AISI 316 or marine brass for greater safety and resistance
- h) Fluiclean 
- i) Fire resistant gasket; also available in split version
- l) Spring in AISI 316 to tolerate vibration and axial run-out



Operating Limits

DIAMETER [mm]	FROM 40 TO 125
SPEED [m/s]	≤ 10
TEMPERATURE [°C]	-5 TO 80
PRESSURE [bar]	FROM VACUUM TO 5

Operating conditions which differ from those indicated can be evaluated by our Sales Engineers. Speed and pressure values indicated are not strictly prescribed; they should be determined by calculating their P*V bearing in mind the temperature as well as the physical and chemical characteristics of the sealed fluid.



MEDIUM/LARGE
SHAFTS



HIGH TOLERANCE
OF AXIAL RUN-OUT



NO CATASTROPHIC
FAILURES



BIDIRECTIONAL
SEAL



SPECIAL ANTI-CORROSION
MATERIALS



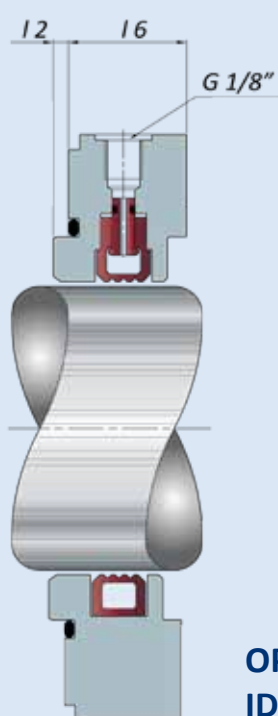
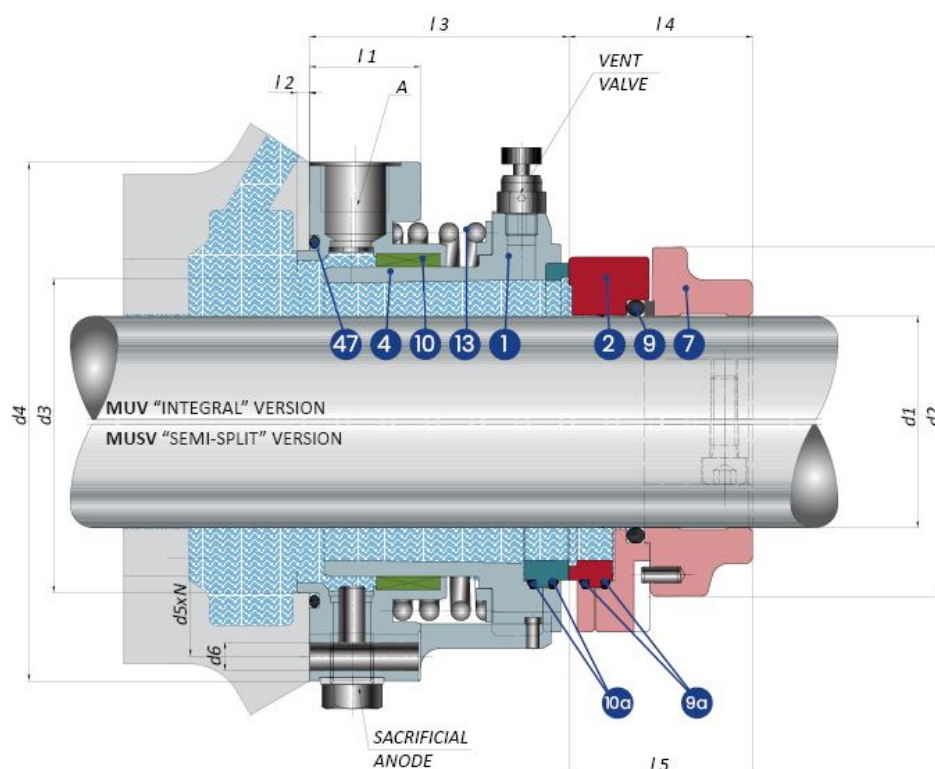
FLUICLEAN

Images and dimensions may differ slightly from those indicated in this brochure

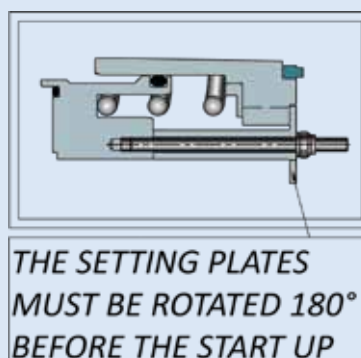
Part list

MUV-MUVS SEAL

- 1) Stationary ring U41:
Silicon Carbide
- 2) Rotating ring
Z32: Resin impregnated
Graphite
Z12: AISI 316 + Antimonio
impregnated Graphite
- 4) Seal body
AISI 316
- 7) Drive collar B6:
Marine brass
- 9) Rotating ring gasket
V/V3: Fluoroelastomer
- 9a) Gasket of rotating ring insert
V/V3: Fluoroelastomer
- 9b) Rotating ring gasket
V/V3: Fluoroelastomer
- 10) Fluclean
- 10a) Gasket of stationary ring insert
V/V3: Fluoroelastomer
- 13) Spring
E: AISI 316
- 47) Seal body gasket
V/V3: Fluoroelastomer



**OPTIONAL
IDROSTOP FLANGE**



d1	d2	d3 H8	d4	d5	N	d6	l1	l2	l3 ±0,5	l4	l5	l6	A	Sliding
040÷050	84	85	135	120	4	8,5	26	4	74	39	46	20	3/8"	+10/-8,5
055÷070	107	105	159	144	4	8,5	34	4	79,5	46	56	20	1/2"	+10/-8,5
075÷095	140	115	175	162	4	8,5	33	4	103,5	56	59	31	1/2"	+10/-8,5
096÷125	175	160	224	209	8	8,5	44	5	109,5	61	74	30	1/2"	+10/-8,5

FOR MUSV: 188

Dimensions are in millimetres. For measurements which differ from those indicated, contact our Technical Department at info@fluiten.it