

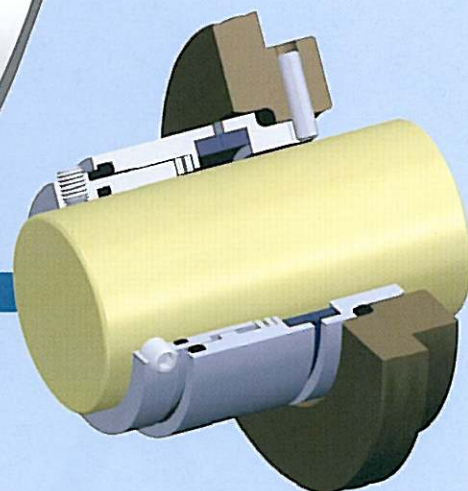
LATTY[®] *seal* B23



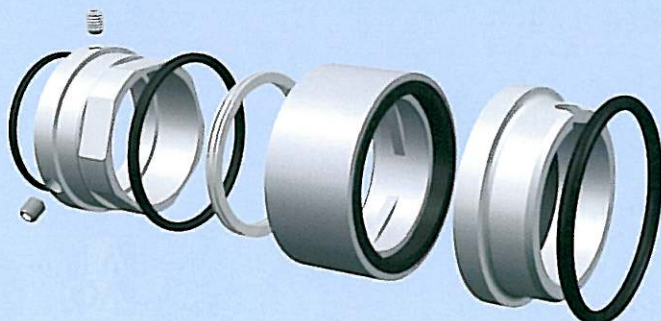
Standard balanced mechanical
seal with a single spring washer
and pentagonal drive.

Main characteristics:

LATTY® seal B23



- 1 Stationary face with chamfered notch and positioned by O-ring.
- 2 Pentagonal drive which provides for higher mechanical strength for frequent on and off cycles.
- 3 Compensation sleeve.
- 4 Fastening by means of two large diameter screws positioned at 90° to provide squareness and drive safety.
- 5 Single spring washer to provide significant bottoming (spring located outside the pumped fluid and which avoids clogging-up).
- 6 Half-open groove for the fitting of the O-rings made of different materials.
- 7 Static O-ring under the drive sleeve (no wear to the shaft).
- 8 Dynamic O-ring operating constantly on a clean surface.



Advantages:

Standard mechanical seal, up to NF EN 12756.
Independent from the direction of rotation.
Simplified assembly operation thanks to the special design of the rotary face for the fitting to the compensation sleeve.
No drive pins, no welding.
Balanced mechanical seal which provides for a wide range of uses.

Operating parameters:

Shaft diameters	18 mm to 150 mm and 0.750" to 4.000"
Pressure	25 bar*
Temperature	from -20°C to +160°C*
Speed	20 m/s*

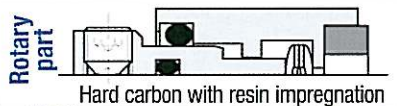
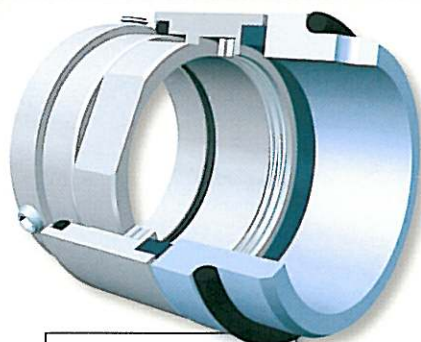
* Parameters not associated

Applications:

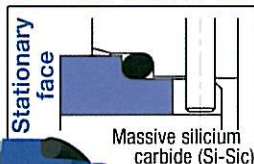
The areas of applications are huge due to the protection design for the spring washer: pumps conveying slurries for the sugar industry, paper industry, extracting industry, for heavy industries, all simple assemblies possible (cartridge, tandem, quench, etc ...).

Multiple uses, simplicity, efficiency

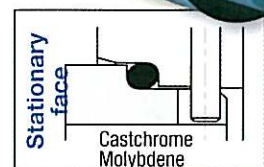
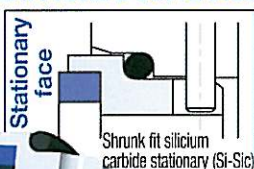
LATTYseal B 231_B



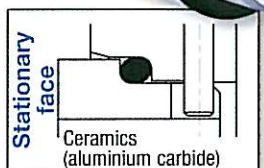
LATTYseal B 23110 B.U3



LATTYseal B 23112 B.U3

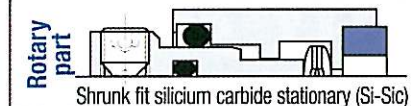


LATTYseal B 23110 B.S2

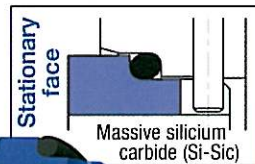


LATTYseal B 23110 B.V

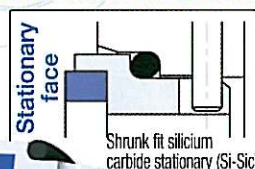
LATTYseal B 232_U3



LATTYseal B 23210 U3.U3



LATTYseal B 23212 U3.U3



Standard configuration

O-rings made of fluorinated elastomer (FKM) (LATTY code: V)

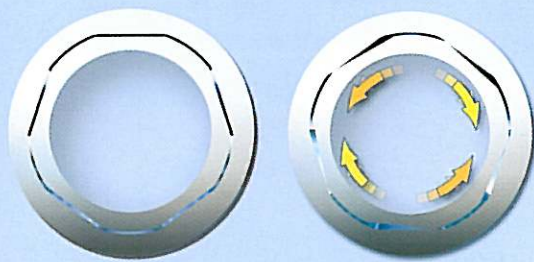
Spring made of inox 1.4571 (LATTY code: G2)

Metal holders made of inox 1.4462 (LATTY code: G7)

Compensation sleeve made of inox 1.4401 (LATTY code: G1)

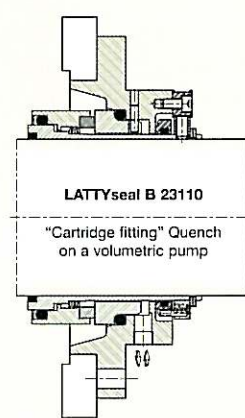
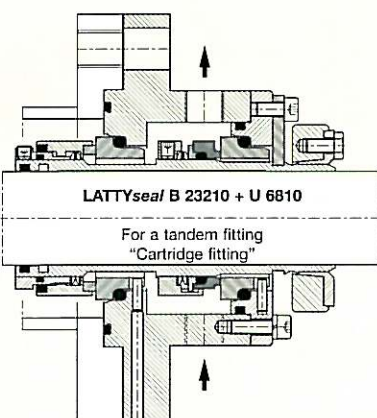
LATTYseal B23

Examples of fitting

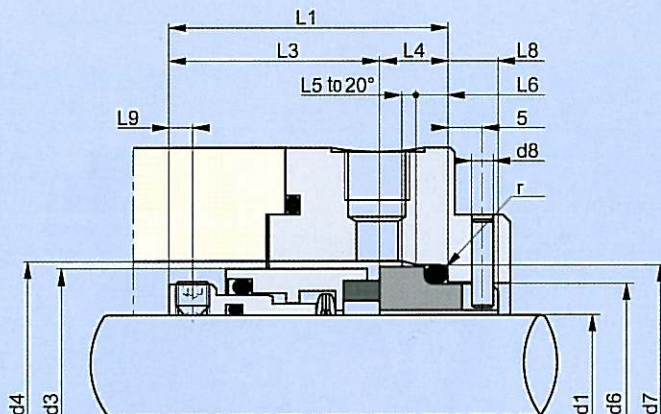


Pentagonal drive

The pentagonal drive system which is independent from the direction of rotation eliminates the use of welded pins, significantly reduces clearances and caulking risks in the case of frequent starting cycles.



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Tables of dimensions upon request



Optional materials:

Face materials:

Carbon graphite with metal impregnation:	(A)
Tungsten carbide with nickel binder:	(U2)
Silicium carbide obtained by sintering process (Sic):	(U6)

O-rings:

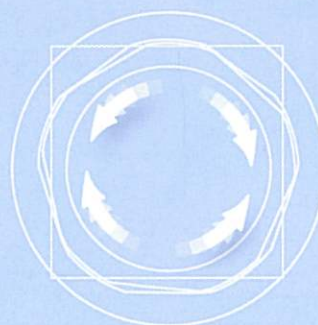
Ethylen propylen:	(E)
Perfluorcarbon elastomer (FFKM):	(K) or (K2)
Coated with PTFE:	(M1) or (M6)

Metal components:

Hastelloy® C 276:	(T5)
Hastelloy® C 22:	(T7)

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Codes () are internal abbreviations



ALSO AVAILABLE:

