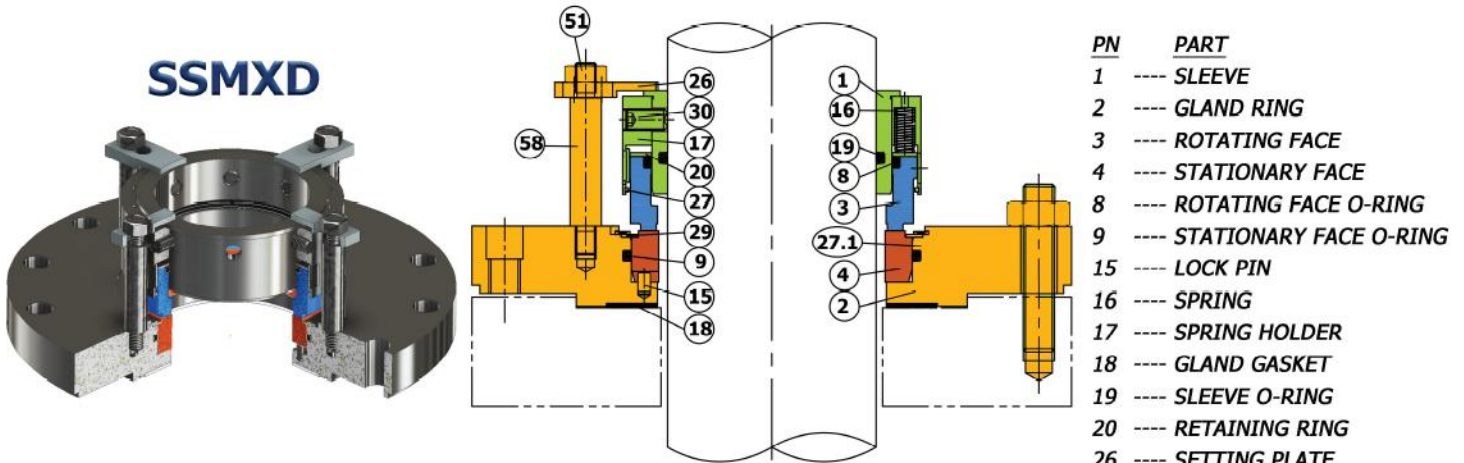




# DRY RUNNING MIXER SEAL



PN	PART
1	SLEEVE
2	GLAND RING
3	ROTATING FACE
4	STATIONARY FACE
8	ROTATING FACE O-RING
9	STATIONARY FACE O-RING
15	LOCK PIN
16	SPRING
17	SPRING HOLDER
18	GLAND GASKET
19	SLEEVE O-RING
20	RETAINING RING
26	SETTING PLATE
27	SNAP RING
27.1	SNAP RING
29	BACKUP PLATE
30	SET SCREW
58	STUD
51	LOCK NUT

## MATERIALS

**Hardware : 316 SS, Alloy C-276 & Alloy 20**

**Rotating face : Carbon & Filled PTFE**

**Stationary face : SiC, TC & Aluminium Oxide**

**Elastomers : Buna-N, EPDM, Neoprene, FKM, FFKM**

## FEATURES AND BENEFITS

- Dry running contacting seal
- Single outside mounted balanced design
- Rotating multi-spring seal
- Flexible rotating face design
- Seal operates at eccentric run-out levels upto 3.81mm FIM.
- Self-lubricating carbon or filled PTFE seal face runs dry without cooling
- Stationary face is double mounted o-ring prevents distortion
- Non metallic wetted metal parts option provides superior chemical resistance
- Cartridge designs with or without bearing
- Cartridge design optional
- Cooling gland & heating gland option
- No barrier fluid or gas required
- Designed for steel and glass lined vessels

## OPERATING CONDITIONS

**Shaft : 25mm to 200mm**

**Pressure : Full Vacuum to 6 Bar**

**Temperature \* : - 40°C ~ 149°C**

**Speed : Upto 1.5 m/s**

## RECOMMENDED APPLICATIONS / INDUSTRY

- Pharmaceutical
- Bio technology
- Chemical
- Process
- Oil & gas
- Petrochemical
- Food & beverage
- Refinery

An single outside mounted dry running mixer seal designed specifically for use on Top-Entry Reactors, Mixers, Filters, Dryer and Agitator services.

\* Depending on material selected

All specifications, instrumentation and capabilities subject to change without notice

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