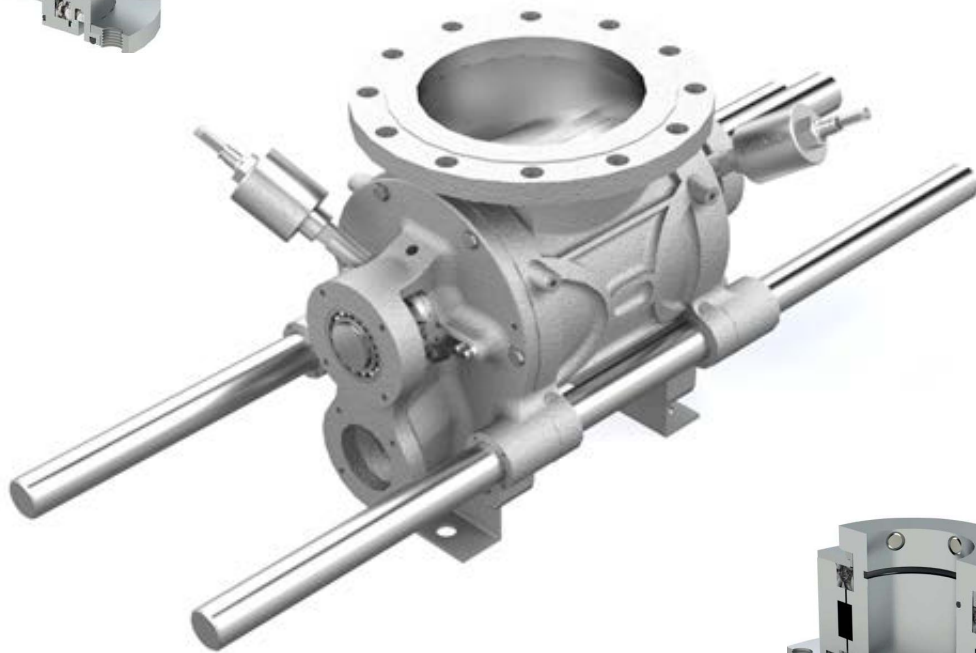


Tamar seal rotoraty valves and air-locks

Tamar sealing systems specializes in the development and production of reliable and cost effective rotary shaft sealing systems. With over 20 years of experience in the sealing industry, we have managed to successfully install thousands of seals onvarious applications worldwide. Our patented sealing technology is the best available technology for powder application.



About the Tamar seal

How does it work?

The seals use flexible sealant as the sealing media. The sealant is maintained at a pressure slightly above stuffing box pressure by a gas operated piston. Close-fitting bushings at either end of the seal retain the flexible sealant. The pressurized sealant does not rotate with the shaft. The sealant remains stationary, operating as a flexible stationary seat. The shaft sleeve design is machined in a way to allow square vertical edge landings perpendicular to the shaft as rotating heads. Standard seals do not require any air consumption.

Available Seal Options

The Tamar seal is stocked in various materials of construction and any of the components may be individually replaced. Fully split seals are available for applications where it is difficult to remove the bearing or drive to install the seal. Bearing integrated seals are also available upon request. Since Tamar Technologies manufactures many custom seals, any dimensional or material requirement can be supplied.



Standard Construction Materials

Housing	Elastomers	Sealant
1020 cast steel 316 stainless steel Hastelloy C	Viton (FDA Compliant) EPDM (FDA Compliant) FDA silicone (FDA Compliant)	Graphite based Synthetic fibers PTFE (FDA Compliant)

Customer nonstandard parameters that exceed the ranges can be accommodated. Please consult our team of experts in order to meet your requirements. Tamar manufactures many custom seals. Any dimensional or material requirement can be supplied.

ATEX zone 1 and 2 seals can be certified upon request for selective models.

430-RV / for rotary valves and air locks

Features

MTZ 430-RV provides a solution for rotary valves and air locks. The MTZ 430RV easily fits tight compact designs and provides 3-4 weeks notification before maintenance.

- Can be serviced while the equipment is running, no downtime.
- Simple to install and maintain.
- Average life before servicing-3 years.

Parameters

- Max. sealing pressure ____ 1 bar (15 psi)
- Max. shaft speed ____ 3 m/s (10ft/s)
- PH ____ 0-14
- Max Temperature ____ 200°C (392°F)
- Max radial runout ____ 1mm (0.04")

Seal options



Short design for compact space applications

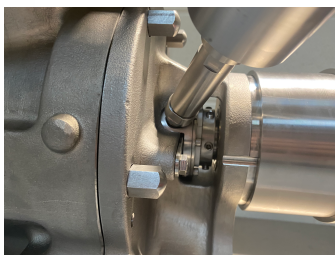
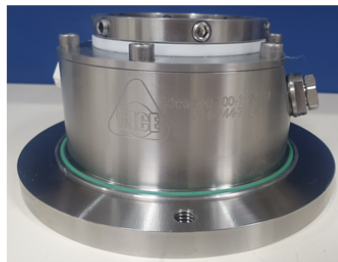


Standard dimensions for typical applications



Bearing supported for custom designed applications

Full cooperation with leading brands





Your local Tamar distributor:



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