

Патронные уплотнения

Технические характеристики

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ISC2 Series

STANDARD CARTRIDGE

Nonstop operation. Off-design operation. Frequent stops and starts. No matter how hard you run your system, Flowserve ISC2 standard cartridge seals are up to the task. They're versatile enough to support hundreds of pump models from global manufacturers while meeting all international standards (ASME, DIN, ISO, JIS, and others). You'll also keep costs low with easy installation, less inventory, greater flexibility, less downtime and longer service life.

Standard Cartridge – Quick Reference

Product	Sub-Type	Pressures to	Temperatures	Speeds to	Sizes
ISC2	Industrial Process	20.6 bar (300 psi)	-40°C to 204°C (-40°F to 400°F)	23 m/s (75 fps)	25 to 200 mm (1.000 to 8.000 in)
ISC2-682	API Process	20.6 bar (300 psi)	-40°C to 204°C (-40°F to 400°F)	23 m/s (75 fps)	25 to 200 mm (1.000 to 8.000 in)
ISC2-MW	Mixer Equipment	6.9 bar (100 psi)	-40°C to 204°C (-40°F to 400°F)	1.1 m/s (3.5 fps)	25 to 200 mm (1.000 to 8.000 in)

STANDARD CARTRIDGE

INDUSTRIAL PROCESS

ISC2

The ISC2 Series provides exceptional reliability and standardization over a wide variety of industrial applications and equipment. Available in single and dual arrangement, pusher and metal bellows types.

- Lower total cost of ownership from advanced seal design features that enable superior reliability
- Broad application flexibility assured by comprehensive range of pre-engineered configurations and materials; custom solutions also available
- Reduced operating costs via standardization to ISC2 Series, which enables less inventory, greater flexibility, less downtime and longer seal life
- Increased plant and personnel safety delivered by cartridge security and compliance with all major international standards

SPECIFICATIONS

Press: pusher to 20.6 bar (300 psi);
bellows to 13.8 bar (200 psi)
Temp: -40°C to 204°C (-40°F to 400°F)
Speeds to: 23 m/s (75 fps)
Sizes: pusher 25 to 200 mm (1.000 to 8.000 in);
bellows to 95 mm (3.750 in)

Refer to literature FSD243 at /library.



API PROCESS

ISC2-682

The ISC2-682 Series is the versatile ISC2 family of pusher and metal bellows seals engineered to fully comply with the design and qualification requirements of API 682.

- Compliance with the sealing industry's most comprehensive best practices standard assured by machined from bar stock glands, captured gland O-ring and thick sleeves
- API 682 Category 2 met by adding multiport flush and floating throttle bushing
- Application flexibility assured by designs configurable as either Type A pusher seal or Type B metal bellows seal in Arrangements 1, 2 and 3
- Ideally suited for ASME B73.1 pumps and light-duty API 610 pumps within plants that adopt the API 682 standard

SPECIFICATIONS

Press: pusher to 20.6 bar (300 psi);
bellows to 13.8 bar (200 psi)
Temp: -40°C to 204°C (-40°F to 400°F)
Speeds to: 23 m/s (75 fps)
Sizes: pusher 25 to 200 mm (1.000 to 8.000 in);
bellows to 95 mm (3.750 in)

Refer to literature FSD237 at /library.



MIXER EQUIPMENT

ISC2-MW

The ISC2-MW is a dual arrangement, standard cartridge pusher seal engineered for reliable, cost-effective operation in mixer service.

- Reduced installation and maintenance costs assured by economical cartridge seal designed for top- entry installation
- Increased uptime resulting from volute groove, which significantly increases barrier fluid flow to promote cool running, even at mixer speeds
- Reliable operation ensured by ISC2 thermal management technology that allows the seal to run cooler and tolerate dry-running events

SPECIFICATIONS

Press. to: 6.9 bar (100 psi)
Temp: -40°C to 204°C (-40°F to 400°F)
Speeds to: 1.1 m/s (3.5 fps)
Sizes: 25 to 200 mm
(1.000 to 8.000 in)

Refer to literature FSD104 at /library.



По вопросам продаж и поддержки обращайтесь:

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Единый адрес для всех регионов: fvr@nt-rt.ru || www.flowserve.nt-rt.ru