

e-XC Single Stage, Double Suction, Centrifugal Pump

Mechanical Seals

MR4

Unbalanced unitized industrial rubber bellow seal

Up to 4" [110 mm] and 175 psi [12 bar]



MR4 Cross-Section

MR3

Balanced industrial metal pusher seal

Up to 8.25" [210 mm] and 450 psi [31 bar]¹



MR3 Cross-Section

MR6 & MR8

Industrial metal pusher cartridge seals

MR6: Configured for seal on shaft

MR8: Configured for seal on sleeve

Up to 7.375"/8.25" [185/210 mm] and 450 psi [31 bar]¹

Packing

PTFE lantern ring with style 608D graphite packing²

Up to 300 psi [20.7 bar]

Fluid Temperature Range

Mechanical seals: 0 to 250°F [-18 to 121°C]

Packing: 0 to 250°F [-18 to 121°C] at 4000 FPM [20 m/s] shaft speed

Material Configurations

1. Carbon/Silicon Carbide/EPDM³
2. Silicon Carbide/Silicon Carbide/EPDM
3. Carbon/Silicon Carbide/FKM
4. Silicon Carbide/Silicon Carbide/FKM

¹ Pressure rating represents dynamic working pressure. Seals are rated for 1.5X dynamic pressure under static loading.

² Packing ring and packing materials only available in cast iron and PTFE yarn respectively (China only).

³ Standard seal material configuration

Seal Flushing

All e-XC pumps include plan 11 flushing (standard) which ensures seal components stay clear of debris and extends seal life. Plan 11 flushing diverts water traveling through the pump volute into either seal faces or packing glands.



MR6 Cross-Section