Cartex 型机械密封 Cartex Model mechanical seal

Cartrdge seal

Balanced

Independent on direction of rotation

application. Available ex stovk. equipped with all auxiliary connections. Quality Cartex mechanical seal are fully preassembled units for materials make themsuitable for a universal rang of pumps. As single and as double seals, they are use in conventional stuffing boxes of centrifugal



单位 (Unit): mm

d,=25...100mm(1"...4") Operating limits

t=-40...200°C -40°F...428°F

(check O-ring temp. Resistance)

P,=25bar

v=16m/s material combin. Q,/B P,=12(20*)bar

p3=25bar Q,/Q, v =10m/s △p(p3-p1)≤7bar (1.5...2 bar recom.)

Axial movement max. ±1.0mm

*)Cartex-DE

Materials of construction

O-rings: V, E, K, U, Metal components: G

Lipseal: P

Spings: M

Rotating seat: Q, Seal face: Q,,B,

Single seal. Cartex-SE

Connections for steam

SE*, yet, including a lip seal on the atmosphere quench. Same design as "-Single aesl with liquid

1/4NPT(d1<38mm) 3/8NPT(d1<35mm) Connections



quench and drainage





side (longer fiting length). Cartex-QE



connections. For Single seal without













O-ring Spring

Sest

number Description

3





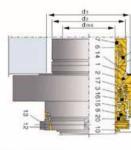




Set screw Snap ring Cover plate Assembly fixture Socket head screw Gasket

Seal face

O-ring Spring Seat O-ring O-ring Lip-seal Plug



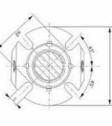
Cartex-DE

Double seal.

Double pressure blanced (seal remains closed in the event of barrier pressure drop and/or pressure revesal);

and/or pressure revesal);

barrier system required; due to an inlegrated pumping system an additional circulation device is obsolete.



18 19

Cartex-DE
Cartex-DE
Cartex-DE
Cartex-DE
Cartex-DE
Double seal.
Part is nocreat with the product are coated with Halar.
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For aggressive mediats such as hydrofluoric acid, bromine, iron criterides, hypochlorides and hydrochloric acid.
Dimensions design and operating limits like Cartex-DE, except temperature-BD/C(higher temperatures on request).

4	33/4" 4	35/8"	31/2"4	33/8",	31/4"4	378.6	3	2/2	276	23/411/2	36	21/2"	23/8"	21/4" 2	21/8.7	2	1//8/12	10/4	Sic.	200	4 100	13/6**	11/4"	11/8:	4"	1001	95	90	000	000	000	70	700			n C				45			40	38 5	35			30 4	28 4	25 4		a,
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