EagleBurgmann. Rely on excellence

Pulace

Features

- Single seal
- Balanced
- Independent of direction of rotation
- Stationary multiple springs
- Springs and pins not in contact with the medium

Advantages

- Stationary seat and/or seal face replaceable
 Can be adopted under positive pressure or
- under back pressure Operation in vacuum without additional seat
- locking possible



Item Description

- 1.1 Seal face
- 1.2 O-Ring
- 1.3 Retainer
- 1.4 O-Ring
- 1.5 Adapter
- 1.6 Spring
- 1.7 O-Ring
- 1.8 Drive screw
- 2.1 Seat
- 2.2 O-Ring
- 2.3 Retainer
- 3 Drive collar
- 4 O-Ring
- 5 O-Ring
- 6 Set screw

±0.3 I_1 2 ų 20 ±0,05 TT 1.1 ĥ 2.3 2.1 1.3 1.8 Ħ 2 Ŧ F þ d2 0 ĥ ę 1.5 1.4 1.6 1.7 3 12 10

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All technical specifications are based on extensive tests and our many years of experience. The diversity of possible applications means, however, that they can serve only as guide values. We must be notified of the exact conditions of application before we can provide any guarantee for a specific case. Subject to change.

Pulace (2)

Recommended applications

- Sugar industry
- Pulp and paper industryHighly concentrated black water
- Green water
- White water
- Pulp suspensions
- Chemical solutions
- Alkaline solutions
- Slurries
- Highly viscous liquids

Operating range

Pressure: p = 10 bar (145 PSI) Temperature: t = -20 °C ... +200 °C (-4 °F ... 392 °F) Sliding velocity: vg = 20 m/s (66 ft/s) Viscosity: ... 100 Pa·s Solids content: ... 20 %

Raw sludge pumps

- Thick juice pumps
- Conveying and bottling of dairy products

Materials

Seal face and seat: Silicon carbide (Q1), Tungsten carbide (U7) Secondary seals: EPDM (E) Metal parts: CrNiMo steel (G)

Dimensions

d	d ₁	d ₂	d ₃	I	I ₁	
20	46	51	57	71	34	
25	51	58	64	71	34	
30	56	63	69	71	34	
35	62	68	74	75	37	
40	69	76	82	80	38	
45	78	83	89	80	38	
50	78	86	92	80	38	
55	86	92	98	80	38	
60	91	98	104	78	37	
65	97	102	108	81	38	
70	102	109	115	80	38	
75	107	114	120	82	39	
80	112	119	125	82	40	
85	118	124	130	85	40	
90	128	137	143	85	42	
95	128	137	143	85	42	
100	135	144	150	85	42	

Dimensions in millimeter

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