

# YT 801/811

EQUIVALENTS OF CRANE TYPE 1/1A



## Technical features

- Single seal
- Unbalanced
- Single spring
- Bi-directional
- Elastomer diaphragm
- Equivalent to John Crane type 1/1A, Pac-seal type 51 US Seal type E

## Operating limits

- $d_1 = 1 - 3 \frac{1}{4}"$
- $p_1 = 1.6 \text{ MPa}$
- $t = -40 - 205 \text{ }^\circ\text{C}$
- $v_g = 30 \text{ m/s}$

## Materials

- Seal faces: carbon graphite (resin-impreg.), silicon carbide, tungsten carbide
- Stationary seats: alumina ceramic, Ni-resist, silicon carbide, tungsten carbide
- Bellows: Neoprene, NBR, FPM, EPDM
- Springs, other metal components: AISI 304, 316, 316Ti
- Secondary seals: Neoprene, NBR, FPM, EPDM



d	D	D1	D2	L1	L2	L3	L4
1.000	1.500	1.625	1.594	1.562	0.437	1.719	0.406
1.125	1.625	1.750	1.875	1.625	0.437	2.375	0.469
1.250	1.812	1.875	2.000	1.625	0.437	2.375	0.469
1.375	1.875	2.000	2.125	1.687	0.437	2.375	0.469
1.500	2.000	2.125	2.250	1.687	0.437	2.375	0.469
1.625	2.250	2.375	2.375	2.000	0.500	2.375	0.469
1.750	2.375	2.500	2.500	2.000	0.500	2.781	0.469
1.875	2.500	2.625	2.625	2.125	0.500	2.781	0.469
2.000	2.625	2.750	2.750	2.125	0.500	2.781	0.531
2.125	2.812	3.000	2.875	2.375	0.562	2.781	0.531
2.250	2.937	3.125	3.000	2.375	0.562	2.781	0.531
2.375	3.062	3.250	3.125	2.500	0.562	2.781	0.531
2.500	3.187	3.375	3.250	2.500	0.562	2.781	0.531
2.625	3.375	3.375	3.625	2.750	0.625	2.750	0.625
2.750	3.500	3.500	3.750	2.750	0.625	2.750	0.625
2.875	3.625	3.750	3.875	2.875	0.625	2.875	0.625
3.000	3.750	3.875	4.000	2.875	0.625	2.875	0.625
3.250	4.125	4.125	4.500	3.125	0.781	3.125	0.781

Dimensions in inches.