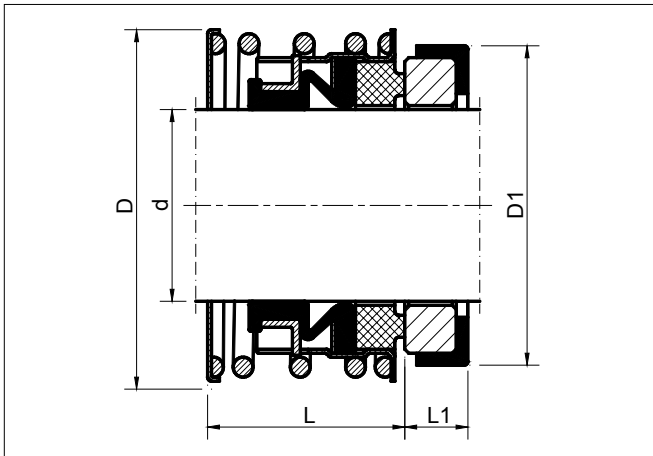


## YT 802/803

EQUIVALENTS OF CRANE TYPE 2



	d	D1	D	L	L1
	16	30	34.0	25	8
	18	32	36.8	25	8
	20	34	36.8	25	8
	22	36	41.5	25	8
	25	39	44.8	26	8
	28	43	48.5	26	8
	30	48	52.0	26	8
	35	53	57.0	30	10
	40	58	67.0	34	10
	45	63	73.0	36	10
	50	68	79.0	42	10
	55	73	84.0	41	12
	60	79	90.0	41	12
	65	86	98.5	49	12
	70	91	103.5	52	12
	75	96	110.5	52	12
	80	105	120.0	56	14
	85	110	125.0	56	14
	90	115	132.0	56	14
	95	120	137.0	56	14
	100	125	144.0	62	14
	110	135	157.0	62	16
	120	145	169.5	72	16
YT802 (in metric)					
	0.625	1.312	1.250	0.875	0.406
	0.750	1.437	1.275	0.875	0.406
	0.875a	1.562	1.437	0.921	0.265
	0.875b	1.562	1.500	0.937	0.406
	1.000	1.750	1.625	1.062	0.437
	1.125	1.875	1.750	1.062	0.437
	1.250	2.000	1.875	1.062	0.437
	1.375	2.187	2.000	1.125	0.437
	1.500	2.312	2.125	1.125	0.437
	1.625	2.718	2.375	1.375	0.500
	1.750	2.750	2.500	1.375	0.500
	1.875	2.875	2.625	1.500	0.500
	2.000	3.000	2.750	1.500	0.500
	2.125	3.250	3.000	1.687	0.562
	2.250	3.375	3.125	1.688	0.562
	2.375	3.500	3.250	1.812	0.562
	2.500	3.625	3.375	1.812	0.562
	2.750	4.000	3.500	1.937	0.625
	3.000	4.250	3.875	2.062	0.625
	3.250	4.685	4.125	2.062	0.781
YT803 (in inches, U.S. standard dimensions)					

### Technical features

- Single seal
- Unbalanced
- Single spring
- Bi-directional
- Elastomer diaphragm
- Equivalent to John Crane type 2, Pac-seal type 52, US Seal type D

### Operating limits

- $d_1 = 16 - 120$  mm (YT802)  
5/8 - 3 1/4" (YT803)
- $p_1 = 1.6$  MPa
- $t = -40 - 205$  °C
- $v_g = 25$  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 matel components: AISI 304, 316, 316Ti
- Secondary seals: Neoprene, NBR, FPM, EPDM