



TDI seal consists of 2 parts, an external elastic ring of PUR with a sealing lip and an internal slide ring of abrasion resistant PTFE-Bronze compound with a sealing edge.

Prior to fitting, the sealing lip protrudes beyond the nominal diameter of the seal and when fitted is pressed against the piston rod. Effective sealing is thereby provided at zero pressure.

#### Operating conditions

Pressure	
construction (A)	≤ 36 MPa
construction (B)	≤ 63 MPa
Temperature	-35°C to 100°C
Speed	≤ 1 m/s

#### Materials

Seal ①	PU
Ring ②	PTFE-bronze

#### Assembly

In closed housings

#### Advantages

- Compact seal : no loss of space
- Low friction
- Simple assembly
- Efficient sealing at high and low pressure
- Excellent abrasion resistance

**Please contact us for applications approaching maximum values.**

Diameter (mm)	Construction (A)	Construction (B)	
	P ≤ 36 MPa e (mm)	S (mm)	P ≤ 63 MPa e (mm)
0 - 55	0,3	1	0,4
56 - 115	0,35	2	0,6
120 - 300	0,4	2	0,6
> 300	0,5	3	1

d	D	L	K	HUNGER reference	Reference	d	D	L	K	HUNGER reference	Reference
20	28	7,5	6	010003	TDI-20	130	150	17	10	010047	TDI-130
22	30	7,5	6	010004	TDI-22	140	160	17	10	010050	TDI-140
25	33	7,5	6	010006	TDI-25	150	170	16	10	010054	TDI-150
28	36	7,5	6	010007	TDI-28	160	180	17	10	019650	TDI-160
30	38	7,5	6	010008	TDI-30	170	190	17	10	010059	TDI-170
32	40	7,5	6	010009	TDI-32	180	200	17	10	010061	TDI-180
36	44	8,5	6	010011	TDI-36	185	205	17	10	016163	TDI-185
40	48	8,5	6	010012	TDI-40	190	210	17	10	010062	TDI-190
45	55	11	6	010016	TDI-45	200	220	17	10	010063	TDI-200
50	60	11	6	010018	TDI-50	220	240	17	10	010067	TDI-220
55	65	11	6	010021	TDI-55	225	245	17	10	010068	TDI-225
56	71	13	6	010022	TDI-56	240	260	17	10	010070	TDI-240
60	75	13	7	010024	TDI-60	250	270	17	10	010072	TDI-250
63	78	13	7	010025	TDI-63	260	280	17	10	010073	TDI-260
70	85	13	7	010028	TDI-70	280	300	17	10	010075	TDI-280
	85	13	7	020051	TDI-70-FPM	290	310	17	10	010076	TDI-290
80	95	13	7	010032	TDI-80	300	320	17	15	010077	TDI-300
	95	13	7	020057	TDI-80-FPM	320	350	21	15	010078	TDI-320
85	100	13	7	010034	TDI-85	350	380	21	15	010079	TDI-350
90	105	13	7	010036	TDI-90	360	390	21	15	010080	TDI-360
95	110	13	7	010037	TDI-95	370	400	21	15	016177	TDI-370
100	115	13	7	010039	TDI-100	380	410	21	15	010081	TDI-380
	115	13	7	020069	TDI-100-FPM						
	120	15	7	016189	TDI-100-1						
110	125	13	10	010041	TDI-110	450	480	21	15	010086	TDI-450
115	130	13	10	010042	TDI-115	470	500	21	15	070235	TDI-470
120	140	17	10	010044	TDI-120	530	560	21	15	076404	TDI-530
125	145	17	10	010045	TDI-125						