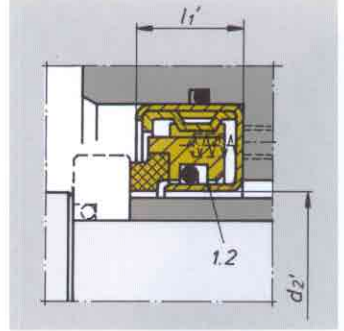
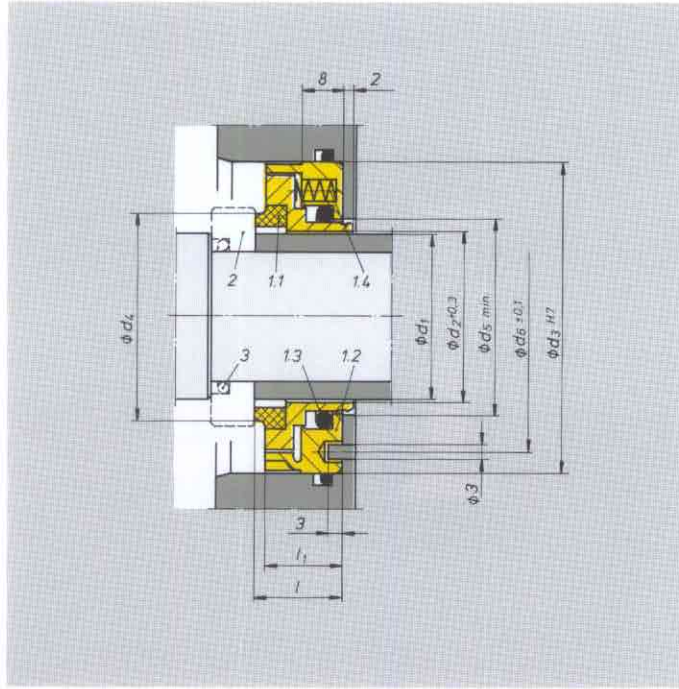


H10 / H8



H8

Operating limits, items and descriptions same as H10.

If any fitting dimensions are not shown they are the same as for H10.

Drive collars and housings for item 1.2 are made of deep-drawn stainless steel sheet.

- ▶ **Single seal**
- ▶ **Balanced**
- ▶ **Independent of direction of rotation**
- ▶ **Multiple springs**

Mechanical seals of the H8 and H10 range have a short (axial) installation length. They are compact ready-to-fit seals which can be installed in the same axial length as a lip-seal and can be used to seal differential pressures of up to 25 bar.

Operating limits

$d_1 = 15 \dots 100 \text{ mm } 0.6'' \dots 4''$
 $p_1 = 25 \text{ bar } 360 \text{ PSI}$
 $t = -20 \dots +180 \text{ }^\circ\text{C } -4 \text{ }^\circ\text{F} \dots 355 \text{ }^\circ\text{F}$
 $v_0 = 35 \text{ m/s } 115 \text{ ft/s}$

H10

Item	Part no. DIN	Description
	24250	
1.1	472	Seal face
	473	Seal face housing
1.2	485	Driver collar
1.3		O-ring
1.4	477	Spring
2	475	Stationary seat*)
3	412.2	O-ring

*) The stationary seat design is chosen according to the specific requirements and conditions of operation.

Materials

Seal face (carbon): A, B



H10

d_1	d_2	d_2'	d_3	d_4	d_5	d_6	l	l_1	l_1'	d_1	d_2	d_2'	d_3	d_4	d_5	d_6	l	l_1	l_1'
15	16	17	42	22.6	21	34	17	15.0	16	50	51	52	80	58.2	56	72	17	15.0	16
18	19	-	45	25.6	24	37	17	15.0	-	52	53	-	82	60.2	58	74	17	15.0	-
20	21	22	48	27.6	26	40	17	15.0	16	55	56	57	85	63.2	61	77	17	15.0	16
22	23	24	50	29.6	28	42	17	15.0	16	58	59	-	90	66.7	64	82	17	15.0	-
25	26	27	52	32.8	31	44	17	15.0	16	60	61	62	90	68.7	66	82	17	15.0	16
28	29	-	55	35.8	34	47	17	15.0	-	65	66	67	95	73.7	71	87	19	16.5	18
30	31	32	58	37.8	36	50	17	15.0	16	68	69	70	100	76.7	74	92	19	16.5	18
32	33	34	60	39.8	38	52	17	15.0	16	70	71	72	100	78.7	76	92	19	16.5	18
35	36	37	62	42.8	41	54	17	15.0	16	75	76	77	108	83.7	81	100	19	16.5	18
38	39	40	65	45.9	44	57	17	15.0	16	80	81	82	112	88.7	86	104	19	16.5	18
40	41	42	68	47.9	46	60	17	15.0	16	85	86	87	118	93.7	91	110	19	16.5	18
42	43	44	72	49.9	48	64	17	15.0	16	90	91	92	122	99.5	96	114	19	16.5	18
45	46	47	75	52.9	51	67	17	15.0	16	95	96	97	128	104.5	101	120	19	16.5	18
48	49	-	80	55.9	54	72	17	15.0	-	100	101	102	132	109.5	106	124	19	16.5	18

Axial tolerances: $l \pm 0.5$ H10
 $l \pm 0.2$ H8