



DEPAC offers a complete range of mechanical seals with elastomer bellows designs at a very competitive price especially for OEMs. The various versions are designed for applications in the most diverse installation spaces. All DEPAC mechanical seal variants can be supplied with various DEPAC stationary parts. The stationary part DS4 is used as standard with the type 170A; the L1KU installation length is thus guaranteed. Other stationary parts change the installation length. Use this inexpensive alternative mechanical seal, especially if you need large quantities.

Advantages

- L1KU installation length with stationary part DS4
- Rotating unit already preassembled
- Independent of the direction of rotation
- No seizing of O-rings
- Low costs, wide area of application
- Use with various stationary parts possible
- For short and DIN installation spaces
- No scoring of shafts and shaft sleeves
- Optimal damping of shock and vibration movements

Mechanical seal

Type 170A

Technical specifications

Area of application*

Pressure:	up to 10 bar
Temperature:	dependent on elastomer
Sliding speed:	up to 15 m/s

* The maximum specifications for temperature, pressure and sliding speed apply in each case to independent higher operating conditions. However, this does not mean that the seal will function with all extreme conditions at the same time. If in doubt contact DEPAC.

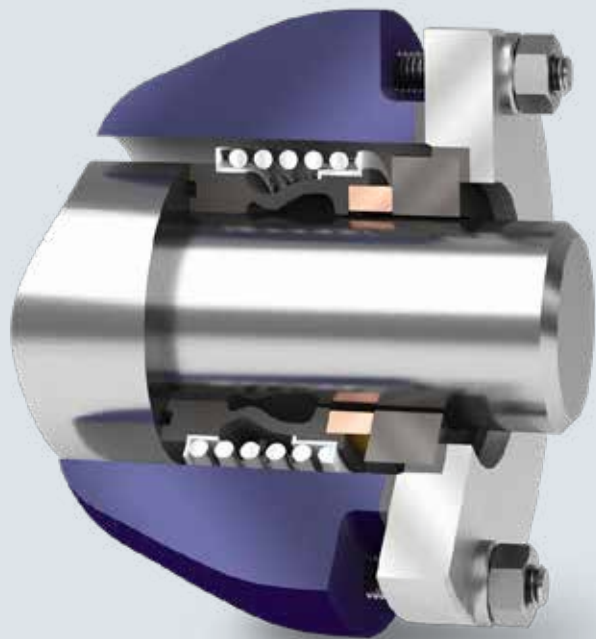
Dimensions

Shaft diameter:	10 – 80 mm
	Imperial and special sizes on enquiry

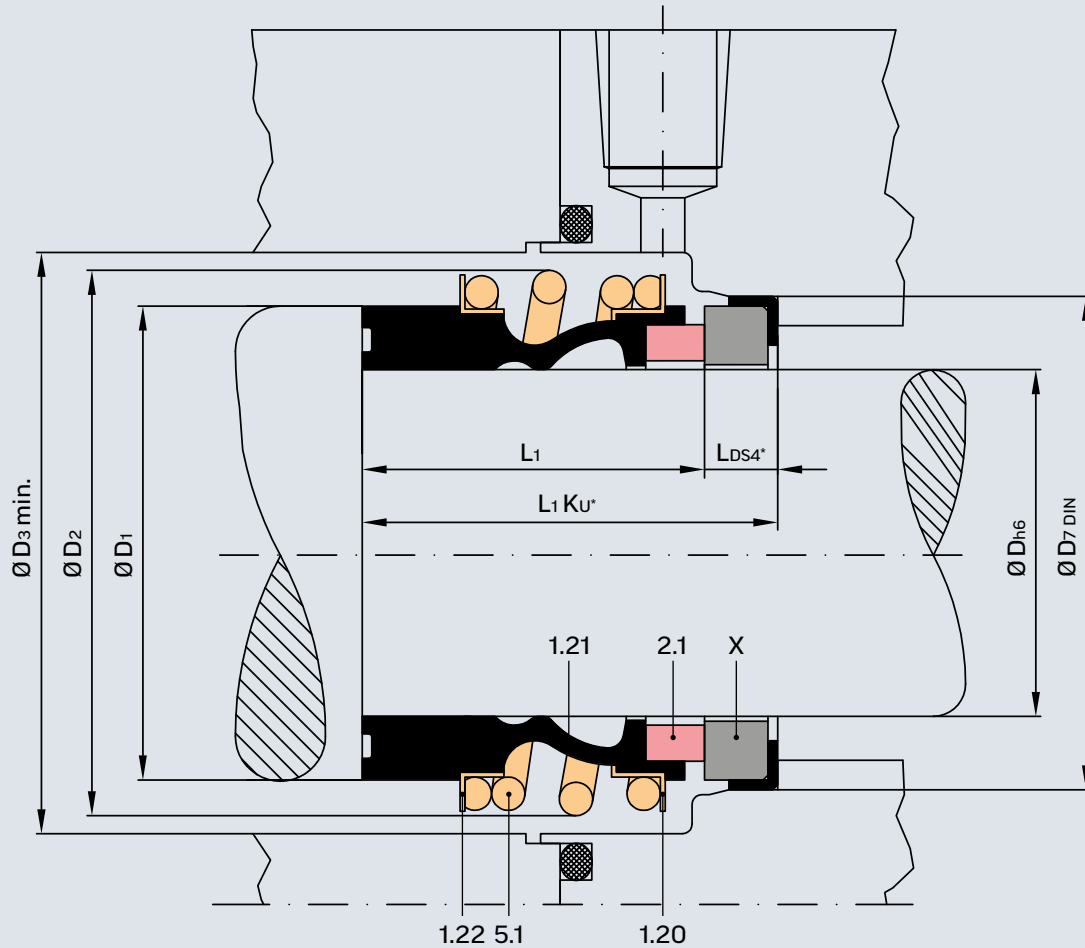
Bill of materials

Item	Description	Material
1.21	Bellows	FKM, NBR, EPDM
1.20, 1.22	Angle ring	1.4301
2.1	Dynamic seal face	CA, SC, SSIC
5.1	Spring	1.4310
X*	Stationary part DS4	CE, SC
Y*	Profile seal	FKM, EPDM, PTFE

* Not included in the scope of delivery!



Mechanical seal Type 170A Data sheet



Dimension table Ø 10 – 60 millimetres

Dh6	D1	D2	D3 min.	D7 DIN	L1	Lds4*	L1Ku*
10	20.5	22.5	24.0	21	25.9	6.6	32.5
12	22.5	25.0	26.5	23	25.9	6.6	32.5
14	26.5	28.5	30.0	25	28.4	6.6	35.0
15	26.5	28.5	30.0	27	28.4	6.6	35.0
16	26.5	28.5	30.0	27	28.4	6.6	35.0
18	29.0	32.0	33.5	33	30.0	7.5	37.5
19	33.0	37.0	38.5	35	30.0	7.5	37.5
20	33.0	37.0	38.5	35	30.0	7.5	37.5
22	33.0	37.0	38.5	37	30.0	7.5	37.5
24	38.0	42.5	44.0	39	32.5	7.5	40.0
25	38.0	42.5	44.0	40	32.5	7.5	40.0
28	44.0	49.0	51.0	43	35.0	7.5	42.5
30	44.0	49.0	51.0	45	35.0	7.5	42.5
32	46.0	53.5	55.5	48	35.0	7.5	42.5

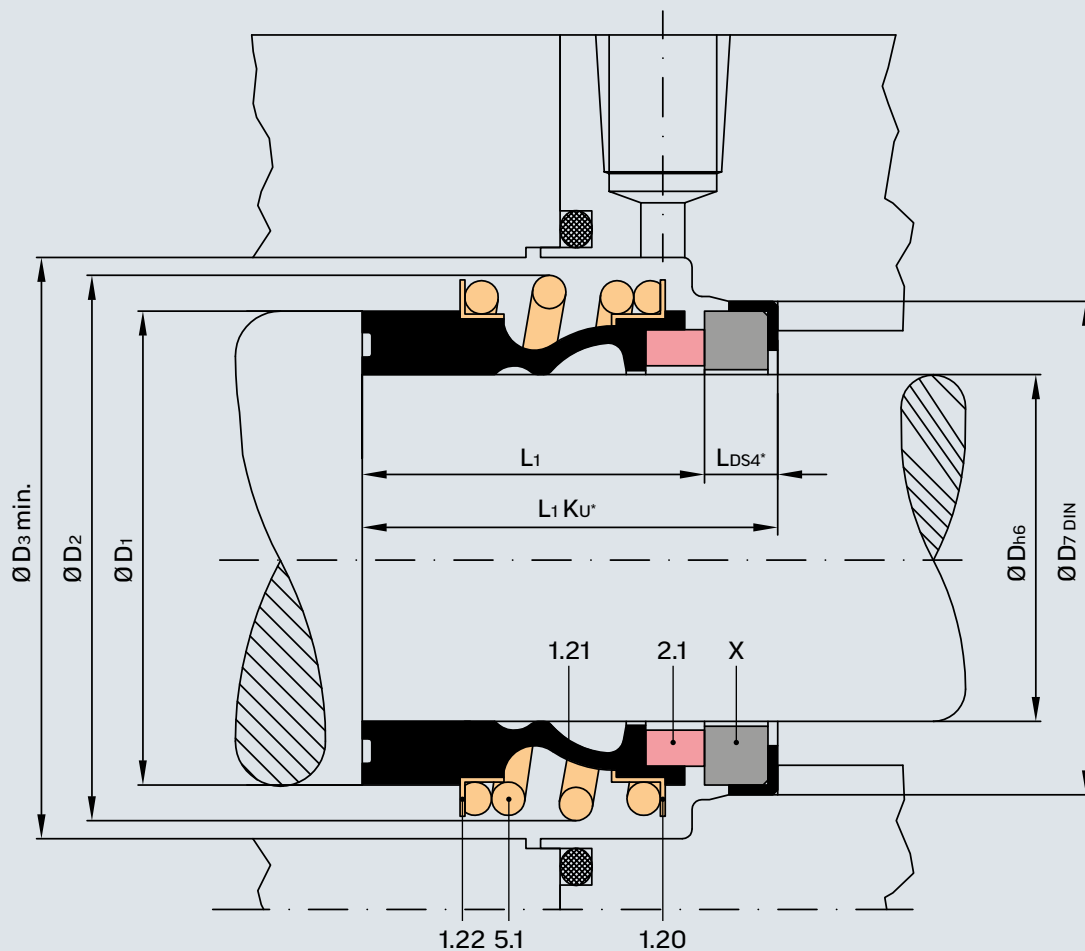
Dh6	D1	D2	D3 min.	D7 DIN	L1	Lds4*	L1Ku*
33	46.0	53.5	55.5	48	35.0	7.5	42.5
35	50.0	57.0	59.0	50	35.0	7.5	42.5
38	53.0	59.0	61.0	56	36.0	9.0	45.0
40	55.0	62.0	64.0	58	36.0	9.0	45.0
42	58.0	65.5	67.5	61	36.0	9.0	45.0
43	58.0	65.5	67.5	61	36.0	9.0	45.0
45	60.0	68.0	70.0	63	36.0	9.0	45.0
48	63.0	70.5	72.5	66	36.0	9.0	45.0
50	65.0	74.0	77.0	70	38.0	9.5	47.5
53	70.0	78.5	81.5	73	36.5	11.0	47.5
55	72.0	81.0	84.0	75	36.5	11.0	47.5
58	75.0	85.5	88.5	78	41.5	11.0	52.5
60	79.0	88.5	91.5	80	41.5	11.0	52.5

* Illustration and installation lengths with stationary part DS4

Mechanical seal

Type 170A

Data sheet



Dimension table Ø 65 – 80 millimetres

D _{h6}	D ₁	D ₂	D _{3 min.}	D _{7 DIN}	L ₁	L _{ds4*}	L _{1Ku*}
65	84.0	93.5	96.5	85	41.5	11.0	52.5
68	88.0	96.5	99.5	90	41.2	11.3	52.5
70	90.0	99.5	103.5	92	48.7	11.3	60.0
75	95.0	107.0	111.0	97	48.7	11.3	60.0
80	100.0	112.0	116.0	105	48.0	12.0	60.0

* Illustration and installation lengths with stationary part DS4