

The function of the **VFR** is to prevent the introduction of dust, dirt, mud and foreign matter into the system to protect the internal components. The sealing lips are axial compressed which produce a very effective protection and extend the service life of the components.

This rotary seal is made of polyurethane, which increases the wear resistance and extends the service life. This material also ensures excellent dry running properties.

Operating conditions

Pressure	none
Temperature	-40°C to 100°C
Speed	3 to 10 m/s
Fluids	Mineral oils, water emulsions

Materials

Seal	PU10
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Assembly

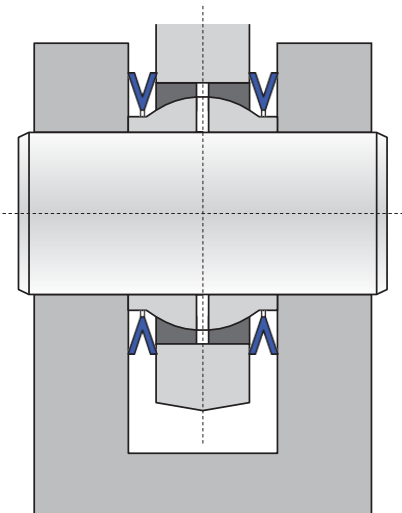
Profile VFR must be compressed in its groove respecting the dimension H

Advantages

- Easy assembly
- Extended service life
- Excellent abrasion resistance
- Compensation of angular swing movements (up to 2°)

Please contact us for applications approaching maximum values.

Example of application



D	d	L	H	S	Reference
27,5	22,5	4	2	0,75	VFR-27.5
32	26	4	2	0,75	VFR-32
38,5	31	4,5	2	0,75	VFR-38.5
43	36	5	2	0,75	VFR-43
51	42	6	2,5	0,8	VFR-51
57,5	47,5	7	3,5	1	VFR-57.5
59	50,5	5	2	1	VFR-59
64	54	7	3,5	1	VFR-64
71	59	7	3,5	1	VFR-71
74	61,5	8	3,5	1	VFR-74
80	65	7	3,5	1	VFR-80
86	71	9	4	1	VFR-86
86	70	9	4	1	VFR-86-1
88,8	70	8	3,5	1,2	VFR-88.8
95	85	6	2,5	1	VFR-95
100	82	9	4,5	1,25	VFR-100
105	90	9	4,5	1,25	VFR-105
112	96	10	5	1,5	VFR-112
121	103	12	5	1,5	VFR-121
142	116	16,5	7,5	1,5	VFR-142
152	127	16,5	7,5	1,5	VFR-152
162	137	16,5	7,5	1,5	VFR-162
186	160	16	7,5	2	VFR-186