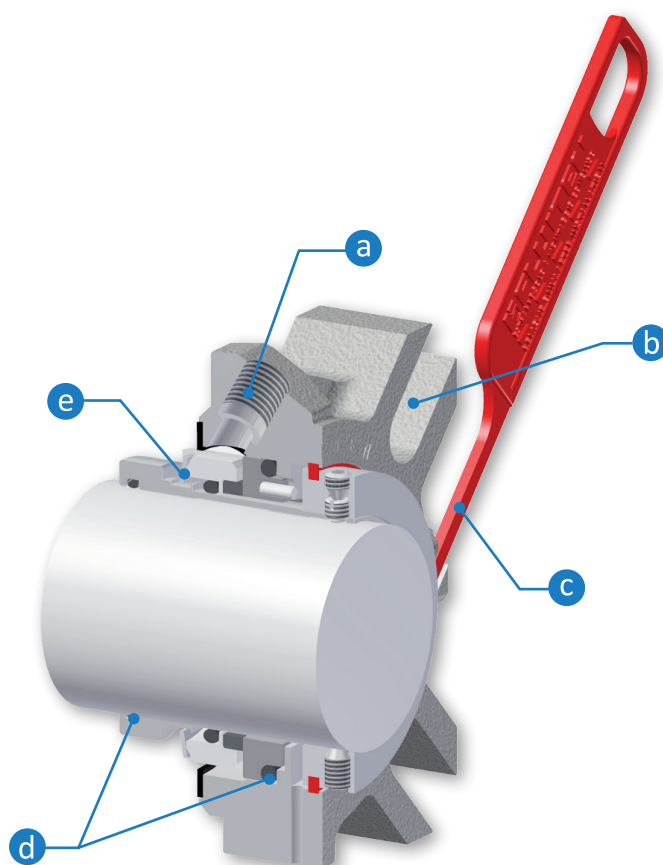


FLUICART C2KC

This seal is designed for service pumps. The simple and quick assembly helps to optimise customers' operational costs and eliminates installation errors. The Fluicart C2KC is by far the cartridge seal with the fewest components thanks to the revolutionary spring with variable geometry and drive lugs; these guarantee the mechanical load on the seal surfaces as well as the drive of the rotating ring. The result: Fluiten is able to offer particularly competitive pricing for the seals and spare parts.

FEATURES

- a) Flushing connection from the pump discharge (PLAN 11) or flushing from external source (PLAN 32).
- b) Slotted flange for more flexible mounting.
- c) Fluistrip: positioning device for correct and easy installation, to be pulled off after assembly but before starting-up the machine.
- d) Optional static rings in PTFE, as an alternative to O-rings, for greater chemical compatibility.
- e) Patented drive and pushing device, simple and robust.

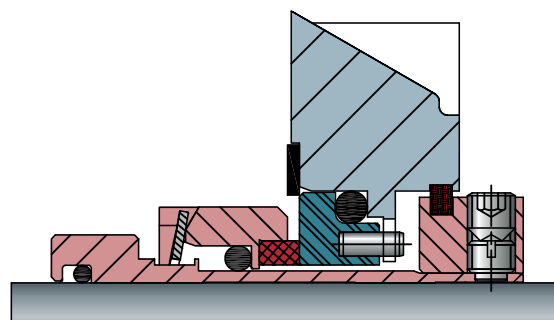


Operating limits

DIAMETER [mm]	FROM 25 TO 100
SPEED [m/s]	≤ 12
TEMPERATURE [°C]	FROM -50 TO 200
PROCESS PRESSURE [bar]	VACUUM TO 12

Operating conditions which differ from those indicated can be evaluated by our sales engineers. Speed and pressure values indicated are not strictly prescribed; they should be determined by calculating their PV while bearing in mind the temperature as well as the physical and chemical characteristics of the sealed fluid. Therefore it is not possible to combine maximum values of pressure, speed, temperature and shaft diameter.

MODEL C2K SUITABLE FOR PLAN 01 AND 02 AVAILABLE



FOOD
INDUSTRY



CHEMICAL
INDUSTRY



PHARMACEUTICAL
INDUSTRY



OIL & GAS
INDUSTRY



POWER
INDUSTRY

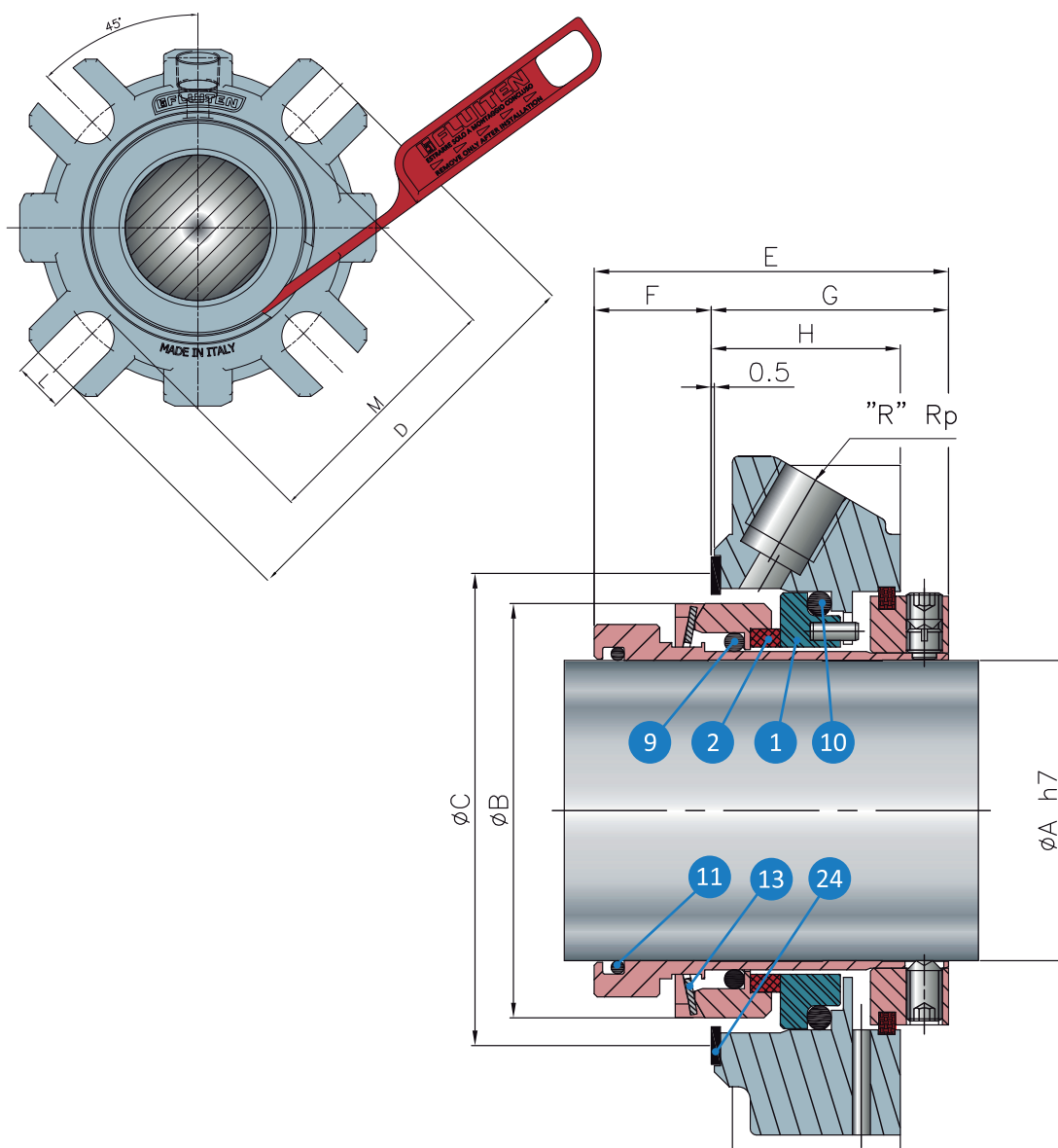


BI-DIRECTIONAL



PUMPS

Images and dimensions may differ slightly from the standard configuration or refer to different markets. The product may be subject to technical or commercial modification without notification.


COMPONENT KEY
(standard materials)

01 Stationary ring in silicon carbide (U31)

02 Rotating ring in AISI 316+graphite (Z32) or AISI 316+silicon carbide (U32)

09 Rotating ring gasket EPDM (D) or FKM (V) or Fluigam: energised PTFE (T3)

10 Stationary ring gasket in FKM (V) or EPDM (D) or PTFE (T)

11 Product side sleeve gasket in FKM (V) or EPDM (D) or PTFE (T)

13 Springs in superduplex (E9)

24 Flange gaskets in Carbo Fiber (A2) or PTFE (T)

All other metal parts in AISI 316 (E)

"R" Rp: Connection

SEAL DIAMETER	ØA	ØB	Min	Max	ØD	E	F	G	H	L	M	R
25	25	42	44	53	98	51,5	13	38,5	31,5	12	63	1/4"
28	28	45	47	53	98	51,5	13	38,5	31,5	12	63	1/4"
30	30	47	49	55	98	51,5	13	38,5	31,5	12	65	1/4"
33	33	54	56	60	106	55	15,5	39,5	31,5	12	68	1/4"
35	35	54	56	60	106	55	15,5	39,5	31,5	12	68	1/4"
38	38	57	59	68	120	56	16,5	39,5	31,5	14	76	1/4"
40	40	59	61	68	120	56	16,5	39,5	31,5	14	76	1/4"
43	43	62	64	73	135	56	16,5	39,5	31,5	14	81	1/4"
45	45	64	66	73	135	56	16,5	39,5	31,5	14	81	1/4"
48	48	67	69	79	148	56	16,5	39,5	31,5	14	87	1/4"
50	50	69	71	79	148	59	19,5	39,5	31,5	14	87	1/4"
55	55	78	80	84	148	60,5	20,5	40	31,5	18	95	3/8"
60	60	83	85	92	158	60,5	20,5	40	31,5	18	102	3/8"
65	65	88	90	102	163	60,5	20,5	40	31,5	18	112	3/8"
70	70	99	101	112	178	64,5	24,5	40	31,5	18	125	3/8"
75	75	104	106	117	185	64,5	24,5	40	31,5	18	130	3/8"
80	80	109	111	122	193	70	24,5	45,5	35	18	135	3/8"
85	85	114	116	126	198	70	24,5	45,5	35	22	140	3/8"
90	90	119	121	134	205	70	24,5	45,5	35	22	145	3/8"
95	95	124	126	139	208	70	24,5	45,5	35	22	150	3/8"
100	100	129	131	144	218	70	24,5	45,5	35	22	155	3/8"

All the measures are expressed in millimeters. For measurements differing from those listed or measurements in inches, please contact us at info@fluiten.com