

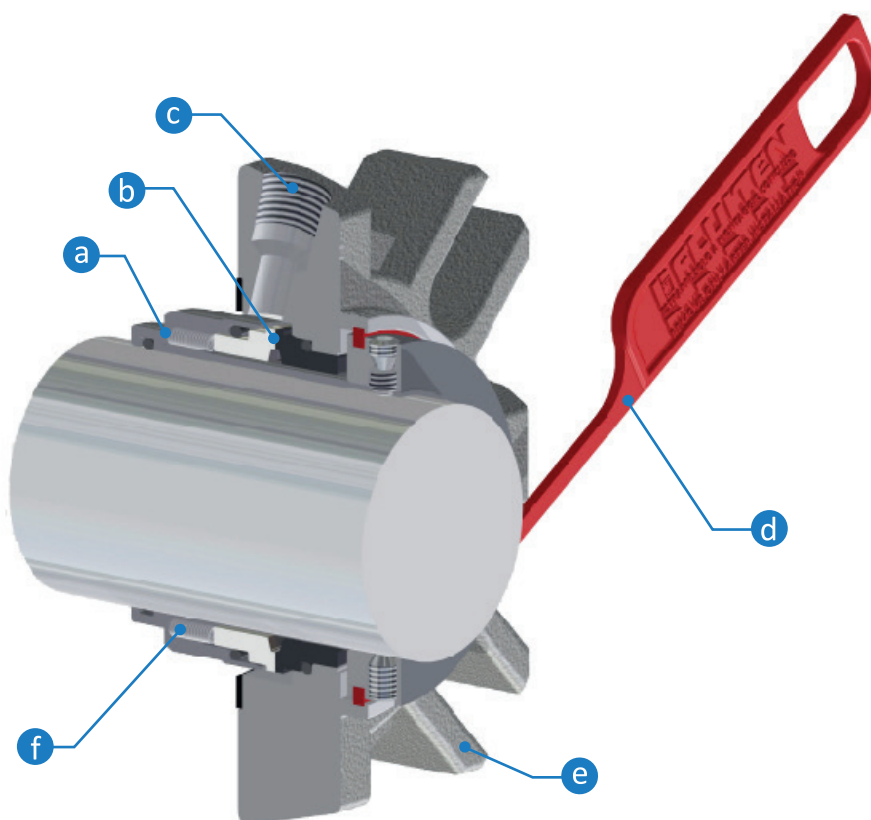
FLUICART CB2S

Single balanced cartridge seal, multiple-springs outside the process. Designed for ISO pumps used at medium pressure and temperature. Installation is made easy with the new Fluistrip positioning device and the flange slots which adapt to different stuffing boxes.

Enhanced reliability guaranteed by solid rings, designed with the use of finite element analysis (FEA).

FEATURES

- a) Sliding drive device compensates for any movement and maintains contact with the rotating ring.
- b) Double balanced seal for enhanced performance.
- c) Flushing connections from the pump discharge (PLAN 11) or flushing from an external source (PLAN 32).
- d) Fluistrip: positioning device for correct and easy installation, to be pulled off after assembly but before starting-up the machine.
- e) Slotted flanges for more flexible mounting.
- f) Springs outside the product.



Operating limits

DIAMETER [mm]	FROM 25 TO 100
SPEED [m/s]	≤ 12
TEMPERATURE [°C]	FROM -50 TO 250
PROCESS PRESSURE [bar]	VACUUM TO 25

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.



FOOD
INDUSTRY



CHEMICAL
INDUSTRY



PHARMACEUTICAL
INDUSTRY



OIL & GAS
INDUSTRY



POWER
INDUSTRY

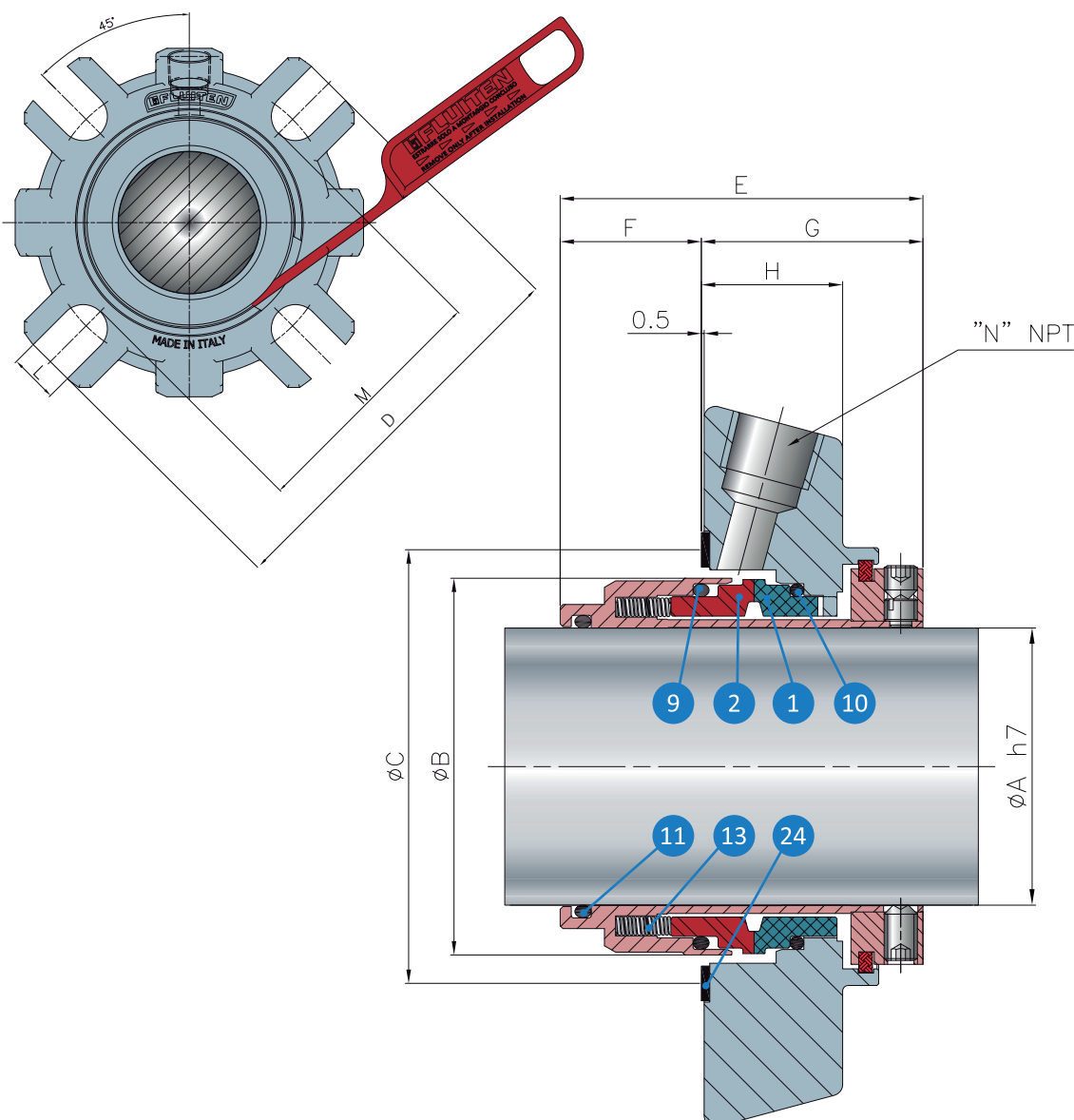


BI-DIRECTIONAL



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 Solid stationary ring in graphite (Z11) or silicon carbide (U31) or tungsten carbide (K21)

02 Solid rotating ring in silicon carbide (U31) or tungsten carbide (K21)

09 Rotating ring gasket in EPDM (D) or FKM (V) or FFKM (G720)

10 Stationary ring gasket in FKM (V) or EPDM (D) or FFKM (G720)

11 Product side sleeve gasket FKM (V) or EPDM (D) or FFKM (G720)

13 Springs in Hastelloy (I)

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

All other metal parts in AISI 316 (E)

"N" NPT: auxiliary liquid inlet/outlet connections

SEAL DIAMETER	øA	øB	øC		øD	E	F	G	H	L	M	N
			Min	Max								
025	25	43	44	51	98	64,5	24,5	40	25,5	14	63	1/4"
028	28	46	47	52	98	64,5	24,5	40	25,5	14	63	1/4"
030	30	48	49	56	98	64,5	24,5	40	25,5	14	65	1/4"
032	32	50	51	57	106	64,5	24,5	40	25,5	14	67	1/4"
033	33	50	51	57	106	64,5	24,5	40	25,5	14	67	1/4"
035	35	53	54	61,5	106	65,5	25,5	40	25,5	14	72	1/4"
038	38	56	57	66	120	65,5	25,5	40	25,5	14	76	1/4"
040	40	58	59	68	120	65,5	25,5	40	25,5	14	76	1/4"
043	43	61	62	70,5	127	65,5	25,5	40	25,5	14	81	3/8"
045	45	63	64	73	135	65,5	25,5	40	25,5	14	81	3/8"
048	48	66	67	75	135	65,5	25,5	40	25,5	14	87	3/8"
050	50	68	69	78	148	65,5	25,5	40	25,5	14	87	3/8"
053	53	73	74	83	148	65,5	25,5	40	25,5	18	94	3/8"
055	55	73	74	83	148	65,5	25,5	40	25,5	18	94	3/8"
060	60	78	79	91	158	66	26	40	25,5	18	102	3/8"
065	65	83	84,5	98,5	163	66	26	40	25,5	18	112	3/8"
070	70	93	95	108	178	64,5	24,5	40	25,5	18	125	3/8"
075	75	98	100	113	185	66,5	23,5	43	28,5	18	130	3/8"
080	80	105	107	118	193	76	29	47	28,5	18	135	3/8"
085	85	110	113	123	198	76	29	47	28,5	22	140	3/8"
090	90	115	118	130	205	76	29	47	28,5	22	145	3/8"
095	95	121	124	135	208	78	31	47	28,5	22	150	3/8"
100	100	126	129	140	218	78	31	47	28,5	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