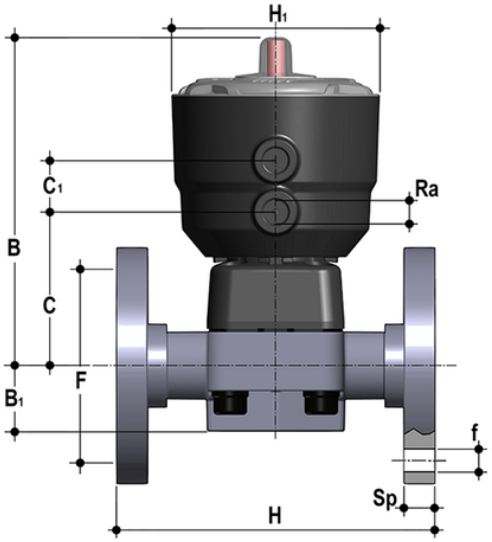
DKOC/CP NC - Pneumatically actuated 2-way diaphragm valve PN 10 DN 15:65

Pneumatically actuated diaphragm valve with flanged monolithic body, drilled PN10/16. Face to face according to EN 558-1. Normally Closed function.





EPDM

Reference	d	DN	PN	B	B_1	C	C_1	F	product.detail.attribute.Øf	H	H1	R[5:a]	U	Sp	g
DKOCNC020E	20	15	10	148	25	66	24	65	14	130	97	1/4"	4	13.5	962
DKOCNC025E	25	20	10	151	30	69	24	75	14	150	97	1/4"	4	13.5	1053
DKOCNC032E	32	25	10	159	33	78	24	85	14	160	97	1/4"	4	13.5	1339
DKOCNC040E	40	32	10	163	30	82	24	100	18	180	97	1/4"	4	14	1553
DKOCNC050E	50	40	10	207	35	112	24	110	18	200	126	1/4"	4	16	3471
DKOCNC063E	63	50	10	245	46	142	24	125	18	230	157	1/4"	4	16	6862
DKOCNC075E	75	65	10	245	46	142	24	145	18	290	157	1/4"	4	21	7535

FKM

Reference	d	DN	PN	B	B_1	C	C_1	F	product.detail.attribute.Øf	H	H1	R[5:a]	U	Sp	g
DKOCNC020F	20	15	10	148	25	66	24	65	14	130	97	1/4"	4	13.5	962
DKOCNC025F	25	20	10	151	30	69	24	75	14	150	97	1/4"	4	13.5	1053
DKOCNC032F	32	25	10	159	33	78	24	85	14	160	97	1/4"	4	13.5	1339
DKOCNC040F	40	32	10	163	30	82	24	100	18	180	97	1/4"	4	14	1553
DKOCNC050F	50	40	10	207	35	112	24	110	18	200	126	1/4"	4	16	3471

DKOC/CP NC - Pneumatically actuated 2-way diaphragm valve PN 10 DN 15:65

Reference	d	DN	PN	B	B_1	C	C_1	F	product.detail.attribute.Øf	H	H1	R[5:a]	U	Sp	g
DKOCNC063F	63	50	10	245	46	142	24	125	18	230	157	1/4"	4	16	6862
DKOCNC075F	75	65	10	245	46	142	24	145	18	290	157	1/4"	4	21	7535

PTFE

Reference	d	DN	PN	B	B_1	C	C_1	F	product.detail.attribute.Øf	H	H1	R[5:a]	U	Sp	g
DKOCNC020P	20	15	10	148	25	66	24	65	14	130	97	1/4"	4	13.5	962
DKOCNC025P	25	20	10	151	30	69	24	75	14	150	97	1/4"	4	13.5	1053
DKOCNC032P	32	25	10	159	33	78	24	85	14	160	97	1/4"	4	13.5	1339
DKOCNC040P	40	32	10	163	30	82	24	100	18	180	97	1/4"	4	14	1553
DKOCNC050P	50	40	10	207	35	112	24	110	18	200	126	1/4"	4	16	3471
DKOCNC063P	63	50	10	245	46	142	24	125	18	230	157	1/4"	4	16	6862
DKOCNC075P	75	65	10	245	46	142	24	145	18	290	157	1/4"	4	21	7535

DKOC/CP NC - Pneumatically actuated 2-way diaphragm valve PN 10 DN 15:65

The new compact and light piston actuator in PP-GR makes the DK/CP the ideal choice for applications requiring very frequent valve operation and a long valve lifetime.

- High visibility graduated optical position indicator protected by a transparent cap with a seal O-Ring.
- Compact and light piston in PP-GR, ideal for heavy-duty applications in chemically aggressive environments with a diaphragm perimeter containment system that ensures the perfect compression of the rubber without any lateral expansion.
- Piston in high strength IXEF®. The high quality finishing of the external surface guarantees perfect slidability over the seal and ensures a long working life without any actuator maintenance.
- High strength stainless steel stem with double seal O-Ring. Floating pin connection between the actuator stem and diaphragm to prevent concentrated loads, improve the seal and extend its lifetime.
- Actuator equipped with 6 independent cartridge springs arranged radially to uniformly distribute the load on the piston.
- Dual function main gasket. Piston seal: the gasket does not move but sits securely on the actuator cylinder instead of the piston. External seal: the gasket positioned above the threaded joint between the bonnet and cylinder ensures that the coupling is not stressed by the pressure inside the actuator.
- Easy installation in confined spaces: compressed air inlets with G 1/4" threaded adjustable connections to enable alignment with the piping. PPGR connections prevent any risk of corrosion.
- New valve body internal design. Substantially higher flow coefficient and lower pressure drops. The degree of efficiency reached has also enabled the size and weight of the valve to be reduced. Adjustment linearity: the internal profiles of the valve greatly improve its characteristic curve, allowing extremely sensitive and precise adjustment along the entire length of the shutter stroke.

- Joint system for solvent welding (PVC-U and PVC-C only), for welding (PP-H and PVDF only), for threading and flanging
- Optimised fluid dynamic design: maximum output flow rate thanks to the optimised efficiency of the fluid dynamics that characterise the new internal geometry of the body
- Internal operating components in metal totally isolated from the conveyed fluid and external environment
- Modularity of the range: only 2 hand wheels and 4 diaphragms and bonnet sizes for 7 different valve sizes
- Non-salient hand wheel, equipped with a graduated optical indicator and protected by a transparent PVC cap with sealing O-ring.
- Bonnet fastening screws in STAINLESS steel protected by PE plugs. Absence of metal parts exposed to the external environment to prevent any risk of corrosion
- New flanged bodies: the new bodies, characterised by a monolithic flanged structure, are available in PVC-U, PVC-C, PP-H and PVDF. This design, free of joints between the body and flanges, greatly reduces mechanical stress and increases system performance
- CDSA seal system (Circular Diaphragm Sealing Angle) with a uniform distribution of the shutter pressure on the sealing membrane offers the following advantages:
    - Operating torque reduction
    - Reduced mechanical stress on all valve components (actuator, body and diaphragm)
    - Low risk of the accumulation of deposits, contamination or damage to the diaphragm due to crystallisation
    - Easy to clean valve interior