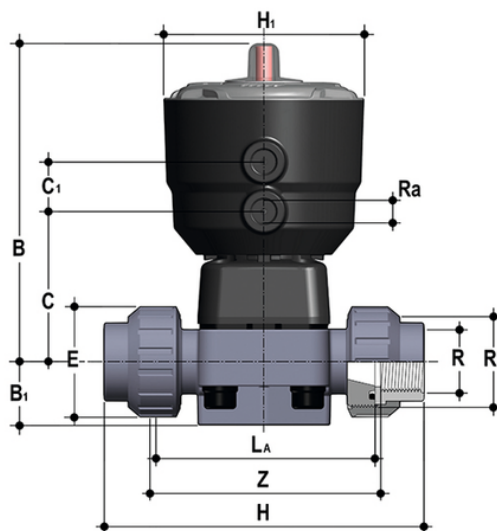


# DKUFC/CP DA – Pneumatically actuated 2-way diaphragm valve PN 10 DN 15:65

Pneumatically actuated diaphragm valve with BSP threaded female union ends. Double-Acting function.



## EPDM

Objednací číslo	Materiál	Kategorie	Série	product.detail.attribute.R	DN	PN	B	B (5:1)	C	C (5:1)	E	H	H (5:1)	product.detail.attribute
DKUFDA012E	FLS Measurement Instrumentation	Pneumaticky ovládané pohonované armatury	DK/CP DN 15÷65	1/2"	15	10	148	25	66	24	41	131	97	90
DKUFDA034E	FLS Measurement Instrumentation	Pneumaticky ovládané pohonované armatury	DK/CP DN 15÷65	3/4"	20	10	151	30	69	24	50	151	97	108
DKUFDA100E	FLS Measurement Instrumentation	Pneumaticky ovládané pohonované armatury	DK/CP DN 15÷65	1"	25	10	159	33	78	24	58	165	97	116
DKUFDA114E	FLS Measurement Instrumentation	Pneumaticky ovládané pohonované armatury	DK/CP DN 15÷65	1 1/4"	32	10	163	30	82	24	72	188	97	134
DKUFDA112E	FLS Measurement Instrumentation	Pneumaticky ovládané pohonované armatury	DK/CP DN 15÷65	1 1/2"	40	10	207	35	112	24	79	208	126	154
DKUFDA200E	FLS Measurement Instrumentation	Pneumaticky ovládané	DK/CP	2"	50	10	245	46	142	24	98	246	157	184

# DKUFC/CP DA – Pneumatically actuated 2-way diaphragm valve

## PN 10 DN 15:65

Objednací číslo	Materiál	Kategorie	Série	product.detail.attribute.R	DN	PN	B	B (5:1)	C	C (5:1)	E	H	H (5:1)	product.detail.attribute
		pohonované armatury	DN 15÷65											

### FKM

Objednací číslo	Materiál	Kategorie	Série	product.detail.attribute.R	DN	PN	B	B (5:1)	C	C (5:1)	E	H	H (5:1)	product.detail.attribute
DKUFDA012F	FLS Measurement Instrumentation	Pneumaticky ovládané pohonované armatury	DK/CP DN 15÷65	1/2"	15	10	148	25	66	24	41	131	97	90
DKUFDA034F	FLS Measurement Instrumentation	Pneumaticky ovládané pohonované armatury	DK/CP DN 15÷65	3/4"	20	10	151	30	69	24	50	151	97	108
DKUFDA100F	FLS Measurement Instrumentation	Pneumaticky ovládané pohonované armatury	DK/CP DN 15÷65	1"	25	10	159	33	78	24	58	165	97	116
DKUFDA114F	FLS Measurement Instrumentation	Pneumaticky ovládané pohonované armatury	DK/CP DN 15÷65	1 1/4"	32	10	163	30	82	24	72	188	97	134
DKUFDA112F	FLS Measurement Instrumentation	Pneumaticky ovládané pohonované armatury	DK/CP DN 15÷65	1 1/2"	40	10	207	35	112	24	79	208	126	154
DKUFDA200F	FLS Measurement Instrumentation	Pneumaticky ovládané pohonované armatury	DK/CP DN 15÷65	2"	50	10	245	46	142	24	98	246	157	184

### PTFE

Objednací číslo	Materiál	Kategorie	Série	product.detail.attribute.R	DN	PN	B	B (5:1)	C	C (5:1)	E	H	H (5:1)	product.detail.attribute
DKUFDA012P	FLS Measurement Instrumentation	Pneumaticky ovládané pohonované armatury	DK/CP DN 15÷65	1/2"	15	10	148	25	66	24	41	131	97	90
DKUFDA034P	FLS Measurement Instrumentation	Pneumaticky ovládané pohonované armatury	DK/CP DN 15÷65	3/4"	20	10	151	30	69	24	50	151	97	108
DKUFDA100P	FLS Measurement Instrumentation	Pneumaticky ovládané	DK/CP	1"	25	10	159	33	78	24	58	165	97	116

# DKUFC/CP DA – Pneumatically actuated 2-way diaphragm valve

## PN 10 DN 15:65

Objednací číslo	Materiál	Kategorie	Série	product.detail.attribute.R	DN	PN	B	B (5:1)	C	C (5:1)	E	H	H (5:1)	product.detail.attribute
		pohonované armatury	DN 15÷65											
DKUFCDA114P	FLS Measurement Instrumentation	Pneumaticky ovládané pohonované armatury	DK/CP DN 15÷65	1&quot;1/4	32	10	163	30	82	24	72	188	97	134
DKUFCDA112P	FLS Measurement Instrumentation	Pneumaticky ovládané pohonované armatury	DK/CP DN 15÷65	1&quot;1/2	40	10	207	35	112	24	79	208	126	154
DKUFCDA200P	FLS Measurement Instrumentation	Pneumaticky ovládané pohonované armatury	DK/CP DN 15÷65	2&quot;	50	10	245	46	142	24	98	246	157	184

# DKUFC/CP DA – 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.