

# FLUXA

## FLUXA

VALVOLA COMPATTA A FLUSSO AVVIATO

COMPACT STREAMLINED VALVE

Max temperatura fluido / Max fluid temperature

+100°C



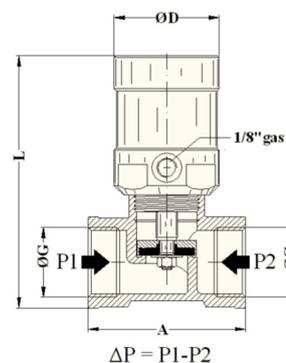
Fluxa standard



Fluxa "D"



Fluxa "DC"



(Fluxa standard non idonea per acqua/not suitable for water)

Misure / Sizes	1/2" – 2" (PN16)
Attacchi / Pipe threads	F/F gas ISO228
Normalmente chiusa (NC) / Normally closed (NC)	Si / Yes
Normalmente aperta (NA) / Normally open (NO)	Si / Yes
Doppio effetto (DE) / Double acting (DA)	Si / Yes
Tipo di flusso / Type of Flow	Flusso unidirezionale 1→2 / Flow unidirectional 1→2
Temperatura ambiente / Ambient temperature	-20°/+60°C
Pressione di lavoro/ Pilot pressure	Min 4.0 bar – Max 8.0 bar
Corpo valvola / Valve body	Fluxa/Fluxa "D" Ottone / Brass; Fluxa "DC" Ottone nichelato / nickel-plated brass
Distanziale cilindro / Spacer (solo serie "D" e "DC" / only series "D" and "DC")	"D" Ottone / Brass – "DC" Ottone nichelato / nickel-plated brass
Cilindro orientabile / Rotable cylinder	No / Not
Otturatore / Seal holder	Ottone / Brass; (Ottone nichelato / Nickel-plated brass "DC"series)
Pistone / Piston	Alluminio / Aluminium
Cilindro / Cylinder	Alluminio anodizzato / Anodized aluminium
Stelo / Piston rod	Inox Aisi 304 / Stainless steel Aisi 304
Raschiatore / Rod wiper	Si (escluso 1/2") / Yes (except 1/2")
Guida stelo / Rod guide	No / Not
O-ring interni / Internal o-rings	Fkm
Guarnizione otturatore / Shutter seal	Fkm (su richiesta / on request Ptfе, Epdm)

Su richiesta / On request

Certificazione Atex / Atex certification	Si / Yes
Segnalazione stato valvola / Stem for visual indication	Si solo NC/ Yes only NC



**FLUXA, FLUXA "D", FLUXA "DC" - NC. Ingresso fluido sotto otturatore**

**FLUXA, FLUXA "D", FLUXA "DC" - NC. Closing against flow**

Codice Code	Filett. (gas) Gas pipe thread	DN	A	L (*) (max)	D	Ø cilindro Ø cylinder	Δp Max [bar]	Kv (*) [m <sup>3</sup> /h]
51012	1/2"	15	51	99	45	35	15.3	1.3
51034	3/4"	20	62	110	45	35	5.2	3.3
51100	1"	25	75	122	50	40	7.0	5.9
51114	1"1/4	32	84	129	60	50	7.2	15.1
51112	1"1/2	40	95	137	70	60	8.4	18.8
51200	2"	50	108	149	70	60	5.7	30.6

**FLUXA, FLUXA "D", FLUXA "DC" - NA. Ingresso fluido sotto otturatore**

**FLUXA, FLUXA "D", FLUXA "DC" - NA. Closing against flow**

Codice Code	Filett. (gas) Gas pipe thread	DN	Ø cilindro Ø cylinder	Press. Pilota [bar] / Pilot Pressure [bar]					
				4.0	5.0	5.5	6.0	7.0	8.0
				ΔP Max [bar]					
52012	1/2"	15	35	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
52034	3/4"	20	35	7.1	11.5	13.7	15.9	<16.0	<16.0
52100	1"	25	40	6.7	10.5	12.3	14.2	<16.0	<16.0
52114	1"1/4	32	50	6.0	8.2	9.3	10.4	12.6	14.8
52112	1"1/2	40	60	8.3	11.0	12.4	13.7	<16.0	<16.0
52200	2"	50	60	5.0	6.7	7.6	8.4	10.2	11.9

**FLUXA, FLUXA "D", FLUXA "DC" - DE. Ingresso fluido sotto otturatore**

**FLUXA, FLUXA "D", FLUXA "DC" - DA. Closing against flow**

Codice Code	Filett. (gas) Gas pipe thread	DN	Ø cilindro Ø cylinder	Press. Pilota [bar] / Pilot Pressure [bar]					
				4.0	5.0	5.5	6.0	7.0	8.0
				ΔP Max [bar]					
53012	1/2"	15	35	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
53034	3/4"	20	35	15.6	<16.0	<16.0	<16.0	<16.0	<16.0
53100	1"	25	40	13.6	<16.0	<16.0	<16.0	<16.0	<16.0
53114	1"1/4	32	50	8.2	10.4	11.5	12.6	14.8	<16.0
53112	1"1/2	40	60	10.3	13.0	14.3	15.7	<16.0	<16.0
53200	2"	50	60	6.6	8.3	9.2	10.0	11.8	13.5

- Per le Fluxa "D" e "DC": considerare +16 mm per interposizione distanziale fra corpo valvole e cilindro.
- For Fluxa "D" and "DC", additional 16 mm have to be considered due to the brass spacer insertion.

- Il coefficiente di portata KV rappresenta la portata in volume di acqua che passa attraverso la valvola alle condizioni seguenti: ΔP = 1 [bar]; T = 5÷40 [°C]; densità = 1000 [kg/m<sup>3</sup>]
- The flow factor KV is the water flow in cubic metres per hour at a pressure drop of one bar across the valve, with temperature range = 5÷40 [°C] and density = 1000 [kg/m<sup>3</sup>]