

ANGLE SEAT VALVE

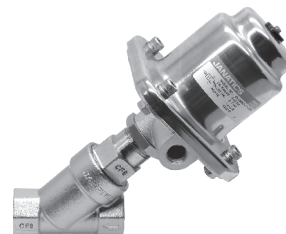
Series DY2

Cat No DY2 - 01 - 01 - C

ANGLE SEAT VALVE - G1/2, G3/4

Features

- ❑ Low pressure loss due to Angle seat structure
- ❑ Pilot air port position rotatable by 360°
- ❑ High flow
- ❑ Body material different versions - Brass, SS304 and SS316
- ❑ Visual indicator for actuating position



Function

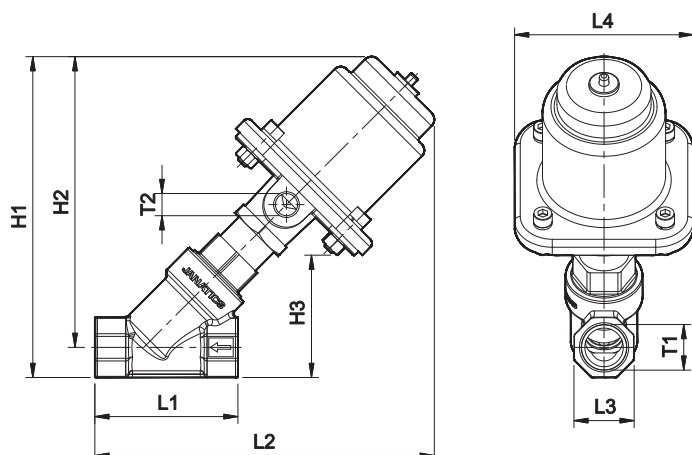
The Angle seat valve is a 2/2-way pneumatically actuated ON / OFF valve.

Technical Specifications

Model	DY2	
Type	2/2 Normally Closed	
Design	Poppet type	
Port size	Inlet, Outlet - G1/2, External pilot - G1/4	Inlet, Outlet - G3/4, External pilot - G1/4
Medium	Air, Water, Hot Water, Steam, Inert Gases (For any other Medium contact Head office)	
Orifice (NW)	16	
Working Pressure range	0 to 10 bar	0 to 16 bar
External pilot pressure	3 to 7 bar	
Recommended oil for lubrication	ISO VG32 (Servo system 32)	
Ambient temperature	NBR: -10° to +60° C	
	FKM: -10° to +180° C	
Medium temperature	NBR: +5° to +50° C	
	FKM: +5° to +150° C	
Flow @ (Air)	8000 lts/min	
Materials of construction	Housing	Brass, SS304, SS316
	Seals	Medium side: PTFE & Silicone
		External pilot side: NBR / FKM
	Other parts	Brass, Aluminium, SS304, PA6, PA66, Spring steel

@ - Inlet pressure 6 bar, and pressure drop 1 bar

2 / 2 Normally Closed - Angle Seat Valve



T1	T2	L1	L2	L3	L4	H1	H2	H3
G1/2	G1/4	76	185	32 OCT	95	175	160	65
G3/4								

ANGLE SEAT VALVE

Series DY2

Cat No DY2 - 01 - 01 - C

Application (Up to 60°C): Water, Air

How to order

DY2	1	1	2	3	2	63							
Seals		Body Material				Function		NW		Operating pressure		Port size	
1	- PTFE + NBR	O. No	Housing	Connector	Top cover	2	- 2/2 NC	3	- 16 NW	2	- 0 to 10 bar	63	G1/2
		1	SS304	SS304	SS304					3	- 0 to 16 bar	64	G3/4
		8	Brass	Brass	SS304								

Application: Steam, Hot Water, Oil, Inert Gases

How to order

DY2	2	1	2	3	2	63										
Seals		Body Material				Function	NW		Operating pressure		Port size					
2	- PTFE + FKM	O. No	Housing	Connector	Top cover	2	- 2/2 NC		3	- 16 NW		2	- 0 to 10 bar		63	G1/2
		1	SS304	SS304	SS304							3	- 0 to 16 bar		64	G3/4
		8	Brass	Brass	SS304											

Ordering example:

The ordering no. for G1/2, 2/2 NC with PTFE+NBR seals with Housing (SS304) + Connector (SS304) + Top cover (SS304) with 0 to 10 bar working pressure: **DY22123263**

Application: Food Industries

How to order

DY2	3	4	2	3	2	63										
Seals		Body Material				Function	NW		Operating pressure		Port size					
3	- PTFE + NBR	O. No	Housing	Connector	Top cover	2	- 2/2 NC		3	- 16 NW		2	- 0 to 10 bar		63	G1/2
4	- PTFE + FKM	4	SS316	SS316	SS304							3	- 0 to 16 bar		64	G3/4

Warning:

Before selecting the product, check whether it is compatible with the materials of each model by refereeing to the fluid listed in this catalogue. If there is something you do not know, please contact Janatics.