

# P150 Series Valves



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**RANKIN**   
COMPONENTS THAT AUTOMATE

## DESCRIPTION

2 way normally closed angle seat valve pneumatically operated

## PRESENTATION

- High flow rate due to the angle seat configuration
- Anti-water hammer feature with the fluid entry below the seat
- Stainless steel and corrosion resistance body
- Orientable pneumatic actuator
- Self adjusting internal seal
- Optical position indicator
- Back pressure resistance capability
- Maintenance free sealing pack
- Universal mounting position

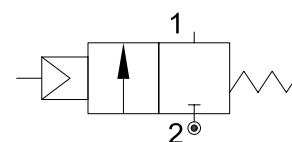


**USE:** Automation, heating, water, hot water, steam (180°C), aggressive and food fluid

**CONNECTION:** from 1/2" to 1" GAS or NPT

## VALVE FEATURES

Fluid temperature	-40°C +180°C
Ambient temperature	-10°C +80°C
Fluid viscosity	max 600 cSt
Body material	Stainless steel AISI 316
Seal	PTFE
Packing gland	PTFE/FKM



5

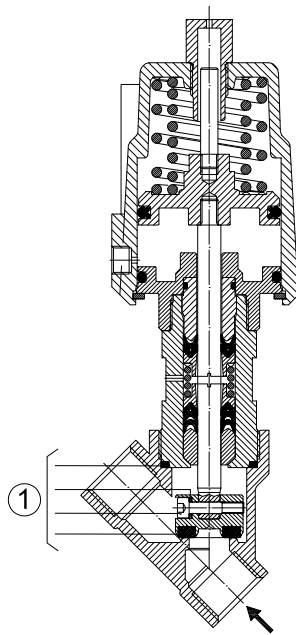
## PILOT ACTUATOR FEATURES

Fluid	Dry or lubricated air, gases and neutral fluids
Fluid temperatures	max +60°C
Body material	Stainless steel AISI 316
Gaskets	NBR
Actuator	Ø50

CODE ①	Connection GAS - NPT	Orifice mm	Kv l/min	Actuator pilot pressure (bar)		Differential pressure MOPD (bar)		Max allowable pressure PS (bar)	Weight Kg
				min	max	min	max		
P150D...W15/V	1/2"	15	80	5	8	0	25	40	1.6
P150E...W20/V	3/4"	20	150				15		1.7
P150F...W25/V	1"	25	190				10		2.1

① G= GAS (ISO228/1)  
N= NPT (ANSI/ASME B1.20.1)

Ordination example: P150FGW25/V connection G1"



### MAINTENANCE KIT

- 1. 1/2" R500078
- 3/4" R500081
- 1" R500084

### OVERALL DIMENSION

CONNECTION GAS or NPT	A mm	B mm	C mm	D mm	H mm	L mm	T mm
1/2"	190.6	SW 27	156	15.4	139.7	65	17
3/4"	190.8	SW 32	162	21.4	139.8	75	19
1"	200.3	SW 41	168	25	146.6	90	20.5

