

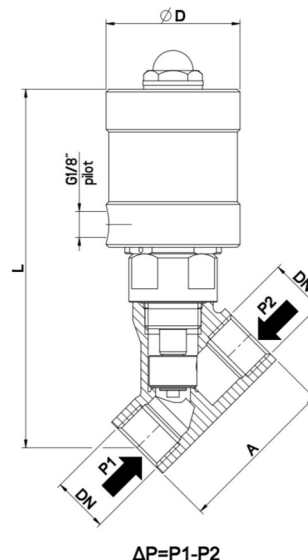
# SRX

## SRX

VALVOLA A SEDE INCLINATA CORPO INOX – PER ALTE TEMPERATURE FLUIDO E VAPORE  
 ANGLE SEAT VALVE INOX BODY – FOR HIGHT TEMPERATURE FLUID AND STEAM

Max temperatura fluido / Max fluid temperature

+187°C (PTFE)



Misure / Sizes	1/2" – 2" (PN40)
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 bidirezionale / Bidirectional flow
Temperatura ambiente / Ambient temperature	-20°/+80°C
Pressione di lavoro/ Pilot pressure	Min 4.0 bar – Max 8.0 bar
Corpo valvola / Valve body	Inox Aisi 316 / Inox Aisi 316
Cilindro orientabile / Rotable cylinder	Si / Yes
Otturatore / Seal holder	Inox Aisi 316 / Inox Aisi 316
Pistone / Piston	Alluminio / Aluminium
Cilindro / Cylinder	Alluminio anodizzato; nichelatura chimica superficiale su richiesta / Anodized aluminium; nickel surface treatment ("Niply Process") on request
Stelo / Piston rod	Inox Aisi 304 / Stainless steel Aisi 304
Raschiatore / Rod wiper	Si / Yes
Guarnizione stelo / Rod gasket	Pacco V-Ring con molla di precarico / Spring loaded V-Ring seal
Guarnizione otturatore / Shutter seal	PTFE (su richiesta / on request Fkm, Epdm)
Segnalazione stato valvola / Stem for visual indication	Spia indicatrice rossa (solo NC) / Red plug indicator (only NC)

### Su richiesta / On request

Certificazione Atex / Atex certification	Si / Yes
Switch-box nuova generazione / new generation	Sensori induttivi / Inductive sensors



**SRX - NC. Ingresso fluido sotto otturatore**

**SRX - NC. Closing against flow**

Codice Code	Filett. (gas) Gas pipe thread	DN	A	L (max)	D	Ø cilindro Ø cylinder	Δp Max [bar]	Kv (*) [m³/h]
X1012001	1/2"	15	60	134	50	40	18.0	3.7
X1012011	1/2"	15	60	154	60	50	31.4	3.7
X1034001	3/4"	20	74		50	40	8.2	
X1034011	3/4"	20	74	167	60	50	17.5	7.6
X1034021	3/4"	20	74	183	70	60	29.2	7.6
X1100011	1"	25	94	182	60	50	8.5	13.8
X1100021	1"	25	94	198	70	60	15.5	13.9
X1100031	1"	25	94	213	94	80	29.2	14.4
X1114021	1"1/4	32	100	202	70	60	7.7	25.5
X1114031	1"1/4	32	100	218	94	80	16.5	24.3
X1114041	1"1/4	32	100	252	129	110	27.6	25.5
X1112031	1"1/2	40	110	227	94	80	9.3	37.2
X1112041	1"1/2	40	110	261	129	110	19.5	39.5
X1200031	2"	50	124	241	94	80	5.4	64.5
X1200041	2"	50	124	276	129	110	11.0	68.4

**SRX - NC. Ingresso fluido sopra otturatore**

**SRX - NC. Closing with flow**

(rischio colpo d'ariete con fluidi non comprimibili) / (water hammer risk with not-compressible fluids)

Codice Code	Filett. (gas) Gas pipe thread	DN	Ø cilindro Ø cylinder	ΔP [bar]					
				1	5	10	20	30	40
				Press. Pilota Minima [bar] / Min Pilot Pressure [bar]					
X1012001	1/2"	15	40	2.4	3.0	3.5	4.0	-	-
X1012011	1/2"	15	50	3.4	3.7	4.0	4.2	-	-
X1034011	3/4"	20	50	2.6	3.2	3.5	4.5	-	-
X1034021	3/4"	20	60	3.3	3.7	4.3	5.4	-	-
X1100011	1"	25	50	3.0	4.2	5.2	7.7	-	-
X1100021	1"	25	60	2.8	3.5	4.2	5.5	-	-
X1100031	1"	25	80	2.9	3.3	3.7	4.3	-	-
X1114021	1"1/4	32	60	2.9	4.3	5.5	8.7	-	-
X1114031	1"1/4	32	80	3.3	4.1	4.7	6.6	-	-
X1114041	1"1/4	32	110	3.3	3.7	3.8	4.9	-	-
X1112031	1"1/2	40	80	3.0	4.1	5.3	8.0	-	-
X1112041	1"1/2	40	110	2.9	3.6	4.2	5.3	-	-
X1200031	2"	50	80	2.9	4.6	6.7	-	-	-
X1200041	2"	50	110	2.9	3.9	5.1	7.6	-	-

**SRX - NA. Ingresso fluido sotto otturatore**

**SRX - 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]					
X2012001	1/2"	15	40	16.8	25.3	29.0	33.6	<40	<40
X2012011	1/2"	15	50	32.3	<40	<40	<40	<40	<40
X2034011	3/4"	20	50	14.1	20.4	23.5	27.4	34.5	<40
X2034021	3/4"	20	60	25.2	34.1	38.6	<40	<40	<40
X2100011	1"	25	50	8.8	12.6	14.5	16.4	20.2	23.9
X2100021	1"	25	60	14.7	20.1	22.8	25.5	31.0	36.4
X2100031	1"	25	80	27.2	36.9	<40	<40	<40	<40
X2114021	1"1/4	32	60	7.6	10.4	11.8	13.2	16.0	18.8
X2114031	1"1/4	32	80	14.4	19.4	21.9	24.4	29.4	34.4
X2114041	1"1/4	32	110	31.3	<40	<40	<40	<40	<40
X2112031	1"1/2	40	80	10.0	13.5	15.3	17.1	20.6	24.2
X2112041	1"1/2	40	110	21.9	28.6	31.9	35.3	<40	<40
X2200031	2"	50	80	5.8	7.8	8.8	9.9	11.9	14.0
X2200041	2"	50	110	13.5	18.1	20.5	23.0	28.2	32.8

**SRX - DE. Ingresso fluido sotto otturatore**

**SRX - 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]					
X3012001	1/2"	15	40	32.0	<40	<40	<40	<40	<40
X3012011	1/2"	15	50	<40	<40	<40	<40	<40	<40
X3034011	3/4"	20	50	30.2	35.3	<40	<40	<40	<40
X3034021	3/4"	20	60	38.9	<40	<40	<40	<40	<40
X3100011	1"	25	50	13.6	17.0	19.0	19.8	28.8	32.9
X3100021	1"	25	60	20.1	28.5	30.2	33.8	38.9	<40
X3100031	1"	25	80	<40	<40	<40	<40	<40	<40
X3114021	1"1/4	32	60	11.3	14.1	15.5	16.9	19.7	22.5
X3114031	1"1/4	32	80	17.0	20.0	26.0	33.8	39.4	<40
X3114041	1"1/4	32	110	37.8	<40	<40	<40	<40	<40
X3112031	1"1/2	40	80	14.2	17.7	19.5	21.3	24.8	
X3112041	1"1/2	40	110	26.8					
X3200031	2"	50	80	8.2	10.2	11.3	12.3	14.3	16.4
X3200041	2"	50	110	15.5	19.4	21.3	23.2		

**SRX - DE. Ingresso fluido sopra otturatore**

**SRX - DA. Closing with flow**

(rischio colpo d'ariete con fluidi non comprimibili) / (water hammer risk with not-compressible fluids)

Codice Code	Filett. (gas) Gas pipe thread	DN	Ø cilindro Ø cylinder	ΔP [bar]					
				1	5	10	20	30	40
				Press. Pilota Minima [bar] / Min Pilot Pressure [bar]					
X3012001	1/2"	15	40	>2	>2	>2	>2	-	-
X3012011	1/2"	15	50	>2	>2	>2	>2	-	-
X3034011	3/4"	20	50	>2	>2	>2	>2	-	-
X3034021	3/4"	20	60	>2	>2	>2	>2	-	-
X3100011	1"	25	50	>2	>2	2.2	5.7	-	-
X3100021	1"	25	60	>2	>2	>2	3.2	-	-
X3100031	1"	25	80	>2	>2	>2	>2	-	-
X3114021	1"1/4	32	60	>2	>2	3.5	7.0	-	-
X3114031	1"1/4	32	80	>2	>2	>2	3.6	-	-
X3114041	1"1/4	32	110	>2	>2	>2	2.0	-	-
X3112031	1"1/2	40	80	>2	>2	2.8	5.5	-	-
X3112041	1"1/2	40	110	>2	>2	>2	2.9	-	-
X3200031	2"	50	80	>2	2.4	4.8	9.5	-	-
X3200041	2"	50	110	>2	>2	2.5	5.0	-	-

- 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/m³]
- 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/m³]

**Chiave di ordinazione / Ordering Key**

**X – Modello valvola / Valve Model**

Versione attuatore / Actuator Version	Dimensione del Tubo / Pipe Size BSP	Trattamento superficiale / Surface treatment	Alesaggio / Cylinder Bore	Guarnizione otturatore / Shutter seal	
1 – NC / NC	012 – g 1/2"	0 – Ossidazione anodica / Anodized oxidation	0 – Ø40	0 – FKM	
	034 – g 3/4"		1 – Ø50	1 – PTFE	
2 – NA / NO	100 – g 1"		1 – Nichelatura chimica / Nickel surface	2 – Ø60	2 – EPDM
	114 – g 1"1/4			3 – Ø80	
3 – DE / DA	112 – g 1"1/2	4 – Ø110			
	200 – g 2"				
Esempio Example	X3100121 - Valvola modello SRX, Attuatore DE, 1", Nichelatura chimica superficiale, Cilindro alesaggio 60, Guarnizione PTFE X3100121 - Model Valve SRX, DA Actuator, 1" BSP, Nickel surface treatment, Cylinder Bore 60, Gasket PTFE				