

CONTROL VALVES PRODUCT OVERVIEW



ABOUT US

THINKTANK is a branch of Taiwan Stone Valve Group in mainland China, which was established in Shanghai in 2012. Headquartered in Taipei (Since the 1993 Year), it has three factories in China, the ball valve production line based in Fuzhou, the control valve production line based in Wenzhou, and the external trading branch and R&D workshop in Shanghai. THINKTANK is an enterprise specialized in R&D, production, and overseas sales of industrial valves and related products. THINKTANK company has ISO9001-2015, CE, SIL, and AAA Credit grading certificates. Under the perfect management system, it mainly has the following product lines: control valve, ball valve, butterfly valve, self-operated pressure regulating valve, gate valve, check valve, etc. Since THINKTANK established, the company has focused on customer value all the time, providing customers with various added value which can meet the customized requirements of different customers. THINKTANK has provided processing services with 42 international brands and exports products to 35 countries. The company maintained good relations of cooperation with local distributors, engineering companies, and end-users. Through cooperation with high-quality and professional customers, we get positive feedback on technology, constantly improve our core technology advantages, and deeply cultivate the field of the industrial automation process.





Body

Body	1/2~8"(DN15~DN200)
Body Rating	ANSI 150# , 300# ,600# JB/T79 , 1-94 & HG/Y20592 – 2009 PN1.6MPa, PN6.3MPa ,PN10.0MPa
Body Connection	Flanged (RF , RTJ , MFM) , Weld ends (SW : 2" and under ,BW : 3" and over JB/T79 , 1-94 & HG/Y20592 – 2009 PN1.6MPa, PN6.3MPa ,PN10.0MPa
Body Standard	ANSI B16.34 ,ANSI B16.47 ,API1598
FF Dimen	IEC60534 , ISA . S75.03-1985
Painting Color	PANTONE 425-C . In the case of stainless steel body , no painting is standard.

Bonnet

Standard Type	-17 ~ +230℃
Fin-Extension Type	-45 ~ -5℃ or over + 230 ℃
Long-Exension Type	-196~ -45℃
Steam jacketed Type	-5 ~ over + 230 ℃

Actuator

Type	Diaphragm type
Purpose	Modulation or On-off
Air Supply	300 (80 ~ 200) KPa G 340 (80 ~ 200) KPa G 340 (120 ~ 300) KPa G 400 (120 ~ 280) KPa G
Connection	Rc1/4 (ϕ 650: Rc3/8)
Action Type	Direct action : Air to valve shut Direct action : Air to valve open
AMB Temp	-40 ~ +100°C
Painting	PANTONE 200-C
Handwheel	Option
Option	Electric Motor Type

Accessories

Pneumatic Actuator Control Accessories	E/P · P/P · Smart-Positioner , Air - set ,Solenoid valve ,Limit switch , Speed controller , Lock valve , Lock-up valve ,Manual handle , etc.
Electric Actuator Accessories	Oxygen clean, Oil-free.
Special Specification for Body and Actuator	Sand and Dust proof , Salty environment proof, Tropical area proof Copper-free alloy , Special piping and fitting ,Vacuum Service proof ,SUS bolt and nut for exposed parts , Non-standard painting.
Authorization	All kind of certifications



Body

Body	1"~22"(DN25~DN500)
Body Rating	ANSI 150# , 300# ,600# JB/T79 , 1-94 & HG/Y20592 – 2009 PN1.6MPa , PN4.0MPa ,PN6.3MPa ,PN10.0MPa
Body Connection	Flanged (RF , RTJ , MFM) , Weld ends (SW : 2" and under ,BW : 3" and over)
Body Standard	ANSI B16.34 ,ANSI B16.47 ,API1598 etc.
FF Dimen	IEC60534 , ISA . S75.03-1985
Painting Color	PANTONE 425-C . In the case of stainless steel body , no painting is standard.

Bonnet

Standard Type	-17 ~ +230℃
Fin-Extension Type	-45 ~ -5℃ or + 230 ℃
Long-Exension Type	-196~ -45℃

Actuator

Type	Diaphragm type	Pneumatic Cylinder type
Purpose	Modulation or On-off	Modulation or On-off
Air Supply	300 (80 ~ 200) KPa G 340 (80 ~ 200) KPa G 400 (120 ~ 280) KPa G	400 ~ 500 KPa G
Connection	Rc1/4 (ϕ 650: Rc3/8)	Rc3/8 ~ Rc3/4
Action Type	Direct action : Air to valve shut Direct action : Air to valve open	valve open or shut by air or electric signal
AMB Temp	-40 ~ +100°C	-40 ~ +100°C
Painting	PANTONE 200-C	PANTONE 200-C
Handwheel	Option	Option
Option	Electric Motor Type	

Accessories

Pneumatic Actuator Control Accessories	E/P · P/P · Smart-Positioner , Air - set ,Solenoid valve ,Limit switch , Speed controller , Lock valve , Lock-up valve , etc.
Electric Actuator Accessories	Space heater , Junction box ,Manual handle , etc.

OPTIONS

Special Testing for Body	Material certificate penetrant testing , Radiographic testing , Flow characteristic testing , Low temperature testing , Steam testing
Cleaning for Body	Oxygen clean , Oil-free , Water-free
Special Specification for Body and Actuator	Sand and Dust proof , Salty environment proof, Tropical area proof , Copper-free alloy , Special piping and fitting ,Vacuum Service proof , SUS bolt and nut for exposed parts , Non-standard painting.
Authorization	All kind of certifications



Body

Body	1"~8"(DN25~DN500)
Body Rating	ANSI 150# , 300# ,600# JB/T79 , 1-94 & HG/Y20592 – 2009 PN1.6MPa, PN14.0MPa, PN6.3MPa ,PN10.0MPa
Body Connection	Flanged (RF , RTJ , MFM) , Weld ends (SW : 2" and under ,BW : 3" and over
Body Standard	ANSI B16.34 ,ANSI B16.47 ,API1598 etc
FF Dimen	IEC60534 , ISA . S75.03-1985
Painting Color	PANTONE 425-C . In the case of stainless steel body , no painting is standard.

Bonnet

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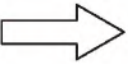
Actuator

Type	Diaphragm type	Pneumatic Cylinder type
Purpose	Modulation or On-off	Modulation or On-off
Air Supply	300 (80 ~ 200) KPa G 340 (80 ~ 200) KPa G 340 (120 ~ 300) KPa G 400 (120 ~ 280) KPa G	400 ~ 500 KPa G
Connection	Rc1/4 (ϕ 650: Rc3/8)	Rc3/8 ~ Rc3/4
Action Type	Direct action : Air to valve shut Direct action : Air to valve open	valve open or shut by air or electric signal
AMB Temp	-40 ~ +100℃	-40 ~ +100℃
Painting	PANTONE 200-C	PANTONE 200-C
Handwheel	Option	Option
Option	Electric Motor Type	

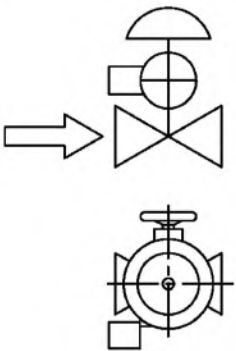
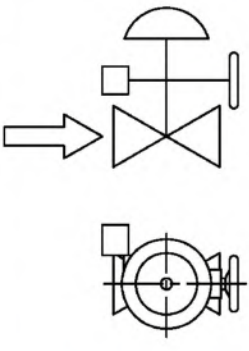
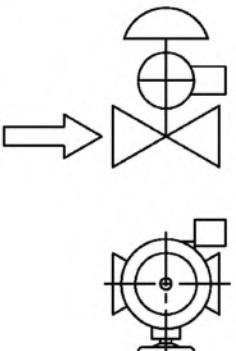
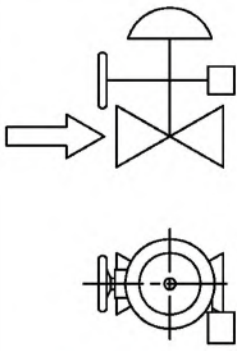
Accessories

Pneumatic Actuator Control Accessories	E/P · P/P · Smart-Positioner , Air - set ,Solenoid valve ,Limit switch, Speed controller , Lock valve , Lock-up valve , etc.
Electric Actuator Accessories	Space heater , Junction box ,Manual handle , etc.

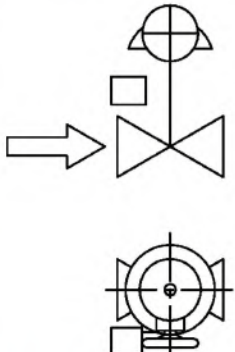
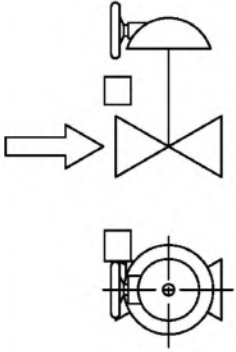
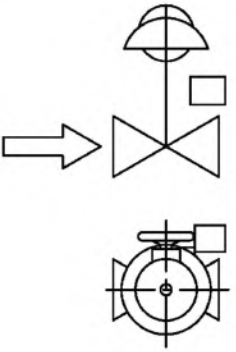
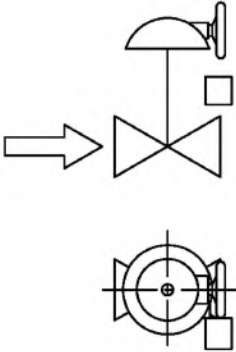
Actuator mounting forms for pd30001a

				
Actuator	Control Valve	Handwheel	Positioner	Flow Direction

Actuator size : 218~450

			
TYPE S: (Standard)	TYPE: R1	TYPE: R2	TYPE: R3

Actuator size : 650

			
TYPE S: (Standard)	TYPE: R1	TYPE: R2	TYPE: R3



THINKTANK[®]

Shanghai Thinktank Process Management Co., Ltd.

Address: #407 Rongxing Road, Songjiang District, Shanghai City.

Website: www.cncontrolvalve.com

Whatsapp: +86 185 1656 9221

Skype: sowell85

Wechat: +86 189 5813 8289

Tel: +86 21 5082 7200

Email: marketing@cncontrolvalve.com