

Vanne de régulation pneumatique 2 voies

2 ways pneumatic control valve

Type
7162P



Description

Vanne de régulation 2 voies pneumatique spécialement conçue pour la régulation des procédés sur une large gamme de fluides liquides ou gazeux comme l'eau, l'huile thermique, la vapeur d'eau, l'azote, le gaz naturel, etc...

Spécialement conçue pour l'industrie les vannes de régulation type 7162P offrent une solution optimisée et modulaire pour de nombreux process.

Two ways pneumatic control valve especially designed for a wide range of fluids like water, thermal oil, steam, nitrogen, natural gas, etc... These pneumatic control valves offer an optimized and modular solution for industrial process.

Caractéristiques / Characteristics

Brides / Flanges DN15 au/ to DN300 - Taraudés / Threaded ½", ¾", 1", 1½", 2"

Matières / Material: Acier / Steel 1.0619-A 216 WCB/WCC

Acier / Steel 1.7357-A 217 WC6

Inox / Stainless steel 1.4408-A 351 CF8M

Fonte / Cast iron 5.3105 / GJS 400-18

Brides / Flanges: PN16, 25, 40, 63, 100 suivant / according to EN 1092-1

PN16 suivant / according to EN 1092-2

Class 150, 300, 600 suivant / according to EN 1759-1

Clapet parabolique et perforé (=%) / Parabolic or perforated cone (=%)

Construction / Design ANSI B16-34 Class300 / Class600

Kvs 0,1 à 1430

Plage de température / Temperature range : - 60°C à + 500°C

Étanchéité par presse-étoupe PTFE chargé graphite / PTFE/Graphite

Rangeabilité standard : entre 30:1 et 40:1 suivant le type et le diamètre du siège.

Standard turndown: between 30:1 and 40:1 depending of type and seat diameter.

Rangeabilité améliorée / High turndown: 40:1 ... 50:1

Options

Brides à emboîtements / Flanges with grooves

Clapet à portée souple / Soft seal cone

Clapet anti-bruit / Perforated cone

Siège / clapet stellité / Stellite seat/cone

Loi d'écoulement linéaire / Linear characteristic

Clapet piloté / Piloted cone (type 7162 CPE)

Clapet perforé / Perforated cone

Clapet équilibré / Balanced cone

Commande manuelle / Manual override

Pressé étoupe graphite / Graphite packing

Étanchéité par soufflet inox / Stainless steel bellows

Extension haute température / High temperature cover

Siège clapet inox durci / SS Hardened seat cone 1.4122

Raccordements BW / BW ends

Rangeabilité améliorée / High turndown

Organe de commande / Actuator

Actionneurs pneumatiques / pneumatic actuators types PA35, PA60, MA41, MA60

Alimentation / air supply max 6 bar

Surface / active area de 180 à 1 730 cm² (voir documentation servomoteurs pneumatiques / See pneumatic actuator data sheet)

Avantages particuliers / Particular advantages

Les vannes 7162P, conçues et fabriquées en France, vous assurent une excellente fiabilité avec des performances exceptionnelles.

7162P control valves are designed and built in France, ensure you an excellent reliability related to exceptional performance.

ORIGINE
FRANCE®
GARANTIE

sart von Rohr

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Spécification d'appel d'offre / How to order

7162P DN80 PN40 KVs 100 servomoteur / actuator PA60 C6 5G NF

Certification

DESP; ATEX II 2 G/D; ISO9001 / PED; ATEX II 2 G/D; ISO9001

Combinaison DN-Matière-PN/Class / Combination DN-Material-PN/Class

| Class PN DN | Acier Steel | | | | | | | | | Acier inoxydable Stainless steel | | | | | Fonte Cast iron |
|-----------------------|----------------|------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|-------------------------------------|------|--------------|--------------|--------------|--------------------|
| | 1.0619 | | 1.7357 | A 216 WCB | | | A 217 WC6 | | | 1.4408 | | A 351 CF8M | | | EN GJS 400-18 |
| | PN16 | PN40 | PN100 | Class s150 | Class 300 | Class 600 | Class 150 | Class 300 | Class 600 | PN16 | PN40 | Class 150 | Class 300 | Class 600 | PN16 |
| | EN 1092-1 | | EN 1092-1 | EN 1759-1 | | | EN 1759-1 | | | EN 1092-1 | | EN 1759-1 | | | EN 1092-2 |
| 15 | ✓ | ✓ | | ✓ | ✓ | | | | | ✓ | ✓ | ✓ | ✓ | | |
| 20 | ✓ | ✓ | | ✓ | ✓ | | | | | ✓ | ✓ | ✓ | ✓ | | |
| 25 | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 32 | ✓ | ✓ | | | | | | | | ✓ | ✓ | | | | |
| 40 | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 50 | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 65 | ✓ | ✓ | | | | | | | | ✓ | ✓ | | | | |
| 80 | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 100 | ✓ | ✓ | ✓ | ✓ | ✓ | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 125 | ✓ | ✓ | | | | | | | | ✓ | ✓ | | | | ✓ |
| 150 | ✓ | ✓ | ✓ | ✓ | ✓ | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 200 | ✓ | ✓ | ✓ | ✓ | ✓ | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 250 | ✓ | ✓ | | ✓ | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ |
| 300 | ✓ | ✓ | | ✓ | ✓ | | | | | ✓ | ✓ | ✓ | ✓ | | ✓ |

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Type de clapet / Cone types

Clapet parabolique / Parabolic cone

Loi / Characteristics : =%

Matériaux / Material : 1.4404-stellite option

Étanchéité / Sealing : Métal-métal / Metallic tight

Étanchéité / Tightness : Classe IV (<0.01% Kvs) ANSI B16-104/ FCI 70-2-2006 (EN 60534-4)

Applications : Tous les fluides / All fluids

Clapet perforé / Perforated cone (option)

Loi / Characteristics : =% ou linéaire en option / or linear in option

Matériaux / Material : Inox / Stainless steel 1.4122,

Étanchéité : Métal-métal / Metallic tight

Étanchéité / Tightness : Classe IV (<0.01% Kvs) ANSI B16-104/ FCI 70-2-2006 (EN 60534-4)

Applications : Gaz et vapeurs : réduction du niveau de bruit / Noise reduction
Liquide : anti-cavitation et réduction du niveau de bruit / Cavitation, flashing, noise reduction

Clapet parabolique avec portée souple / Parabolic cone with softseal (option)

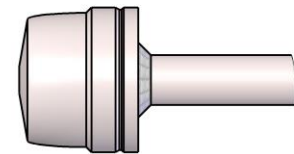
Loi / Characteristics : =%

Matériaux / Material : Inox / Stainless steel

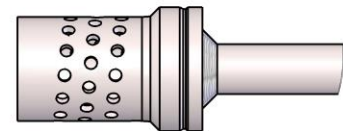
Étanchéité / Tightness : Portée souple / Soft seal PTFE/SS

Étanchéité / Tightness : Classe VI ($0.3 \cdot \Delta P^*$ facteur taux de fuite/leakage rate) ANSI B16-104 / FCI 70-2-2006 (EN 60534-4)

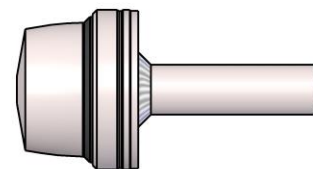
Applications : Tous les fluides jusqu'à 220°C / All fluids up to 220°C



CLAPET PARABOLIQUE
PARABOLIC CONE



CLAPET PERFORÉ
PERFORATED CONE



CLAPET PARABOLIQUE ET PORTÉE SOUPLE
PARABOLIC CONE & SOFT SEAL

Système d'étanchéité à la tige / Packing

Garniture PTFE chargé graphite / PTFE/Graphite

Bague d'étanchéité avec ressort de compression / Chevrong ring with spring

Température maxi / Max temperature : 250°C,

Pression maxi / Max pressure : 100 bar

Application : eau, vapeur, huile, gaz... / Water, steam, oil, gaz...

Voir courbes pression/température / See pressure/temperature charts

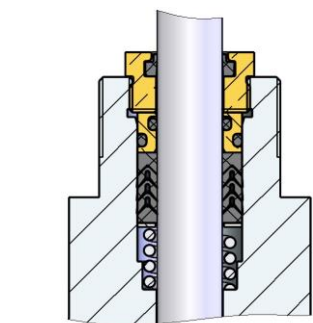
Garniture Graphite / Pure graphite (option)

Température maxi / Max temperature : 400°C,

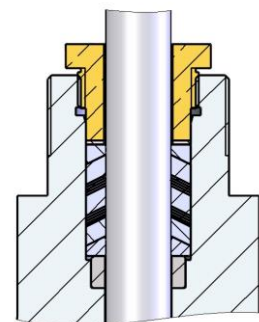
Pression maxi / Max pressure : 100 bar

Application : eau, vapeur, autres fluides / Water, steam, etc...

Voir courbes pression/température / See pressure/temperature charts



GARNITURE PTFE CHARGE GRAPHITE
PTFE WITH GRAPHITE PACKING



GARNITURE GRAPHITE
PURE GRAPHITE PACKING

sart von Rohr

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Etanchéité par soufflet inox et presse étoupe de sécurité graphite /
Stainless steel bellows with graphite safety stuffing box (option)

Température maxi / Max temperature : 350°C,

Pression maxi / Max pressure : 20 bar

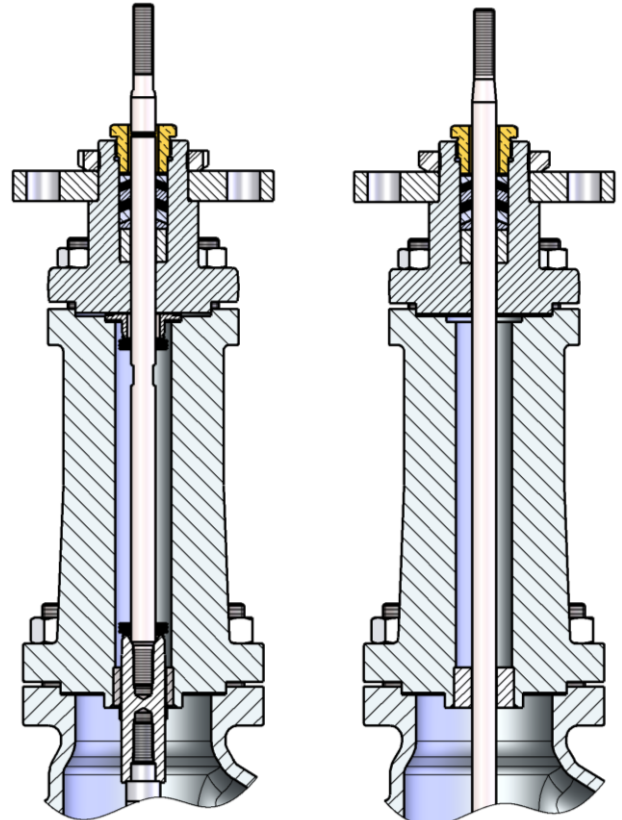
Voir courbes pression/température / See pressure/temperature charts

Extension haute température / High temperature insulation (option)

Température maxi / Max temperature : 400°C,

Pression maxi / Max pressure : 100 bar

Voir courbes pression/température / See pressure/temperature charts



ETANCHEITE PAR SOUFFLET INOX
STAINLESS STEEL BELLOWS SEALING

EXTENSION HAUTE TEMPERATURE
HIGH TEMPERATURE INSULATION

Limites de température / Temperature limits

| Température (°C) / Temperature (°C) | -60 | -25 | -10 | 20 | 100 | 200 | 250 | 350 | 400 | 500 |
|---|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|
| Garniture PTFE/Graphite / PTFE/Graphite Packing | | | | | | | | | | |
| Garniture Graphite / Graphite Packing | | | | | | | | | | |
| Garniture Froid / Cold Packing | | | | | | | | | | |
| Etanchéité par soufflet / Stainless steel bellows | | | | | | | | | | |
| Extension / Insulation | | | | | | | | | | |
| Réchauffeur de PE / Stuffing box heater | | | | | | | | | | |
| Corps Acier / Steel body | | | | | | | | | | |
| Corps Inox / Stainless steel body | | | | | | | | | | |
| Corps Fonte / Cast iron body | | | | | | | | | | |

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Kv pour clapet parabolique =% et linéaire / Kv for parabolic and linear parabolic plug

| Siège / Seat (mm) | 4 | 4 | 6 | 6 | 6 | 8 | 8 | 10 | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 200 | 250 | 300 |
|----------------------|-----|------|------|-----|------|----|-----|-----|----|-----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|------|------|
| Course / Stroke (mm) | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 25 | 25 | 30 | 30 | 40 | 40 | 50 | 50 | 80 | 80 | 100 |
| DN | Kvs | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 0.1 | 0.16 | 0.25 | 0.4 | 0.63 | 1 | 1.6 | 2.5 | 4 | | | | | | | | | | | | | | |
| 20 | 0.1 | 0.16 | 0.25 | 0.4 | 0.63 | 1 | 1.6 | 2.5 | 4 | 6.3 | | | | | | | | | | | | | |
| 25 | 0.1 | 0.16 | 0.25 | 0.4 | 0.63 | 1 | 1.6 | 2.5 | 4 | 6.3 | 10 | | | | | | | | | | | | |
| 32 | | | 0.25 | 0.4 | 0.63 | 1 | 1.6 | 2.5 | 4 | 6.3 | 10 | 16 | | | | | | | | | | | |
| 40 | | | | | | | 1.6 | 2.5 | 4 | 6.3 | 10 | 16 | 25 | | | | | | | | | | |
| 50 | | | | | | | | 2.5 | 4 | 6.3 | 10 | 16 | 25 | 40 | | | | | | | | | |
| 65 | | | | | | | | | | | 10 | 16 | 25 | 40 | 63 | | | | | | | | |
| 80 | | | | | | | | | | | | 16 | 25 | 40 | 63 | 100 | | | | | | | |
| 100 | | | | | | | | | | | | | | 40 | 63 | 100 | 160 | | | | | | |
| 125 | | | | | | | | | | | | | | | 63 | 100 | 160 | 202 | | | | | |
| 150 | | | | | | | | | | | | | | | | 100 | 160 | 217 | 319 | | | | |
| 200 | | | | | | | | | | | | | | | | | 160 | 227 | 357 | 480 | | | |
| 250 | | | | | | | | | | | | | | | | | | 383 | 430 | 590 | 720 | 990 | |
| 300 | | | | | | | | | | | | | | | | | | | 440 | 600 | 760 | 1100 | 1430 |

Kv pour clapet perforé =% et linéaire / Kv for =% and linear plug

| Siège / Seat (mm) | 16 | 23 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 200 | 250 | 250 | 300 |
|----------------------|-----|-----|-----|------|------|------|----|----|-----|-----|-----|-----|-----|-----|-----|-----|
| Course / Stroke (mm) | 20 | 20 | 20 | 20 | 25 | 25 | 40 | 40 | 50 | 50 | 60 | 60 | 80 | 80 | 100 | 100 |
| DN | Kvs | | | | | | | | | | | | | | | |
| 15 | 3 | | | | | | | | | | | | | | | |
| 20 | 3.3 | 5.8 | | | | | | | | | | | | | | |
| 25 | 3.4 | 6.4 | 7.3 | | | | | | | | | | | | | |
| 32 | 3.5 | 6.7 | 7.8 | 11 | | | | | | | | | | | | |
| 40 | 3.5 | 6.9 | 8 | 11.6 | 16 | | | | | | | | | | | |
| 50 | 3.5 | 6.9 | 8.1 | 11.9 | 16.7 | 27 | | | | | | | | | | |
| 65 | | | 8.2 | 12 | 17.1 | 28.6 | 48 | | | | | | | | | |
| 80 | | | 8.2 | 12 | 17.2 | 29.2 | 51 | 72 | | | | | | | | |
| 100 | | | | | | 29.5 | 52 | 77 | 120 | | | | | | | |
| 125 | | | | | | | 53 | 79 | 129 | 155 | | | | | | |
| 150 | | | | | | | | 80 | 132 | 162 | 240 | | | | | |
| 200 | | | | | | | | | 134 | 166 | 255 | 340 | 423 | | | |
| 250 | | | | | | | | | | | | | | 570 | 680 | |
| 300 | | | | | | | | | | | | | | 590 | 720 | 880 |

Kv pour clapet deux étages =% et linéaire / Kv for =% and linear two stages plug

| Siège / Seat (mm) | 16 | 23 | 25 | 32 | 40 | 50 | 65 | 80 | 100 | 125 | 150 | 200 | 200 | 250 | 250 | 300 |
|----------------------|-----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|
| Course / Stroke (mm) | 20 | 20 | 20 | 20 | 25 | 25 | 40 | 40 | 50 | 50 | 60 | 60 | 80 | 80 | 100 | 100 |
| DN | Kvs | | | | | | | | | | | | | | | |
| 50 | | | | | 13 | 22 | | | | | | | | | | |
| 65 | | | | | 13 | 22 | 39 | | | | | | | | | |
| 80 | | | | | | 22 | 41 | 59 | | | | | | | | |
| 100 | | | | | | 22 | 41 | 62 | 97 | | | | | | | |
| 125 | | | | | | | 43 | 64 | 105 | 119 | | | | | | |
| 150 | | | | | | | | 65 | 107 | 124 | 184 | | | | | |
| 200 | | | | | | | | | 109 | 127 | 195 | | 324 | | | |
| 250 | | | | | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | | | | | |

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Pression maximum admissible : Vanne normalement fermée (NF) par manque d'air : version Po

Maximal differential pressure : Fail close valve (NF) : Po version

| Siège / Seat (mm) | | | 4 | 6 | 8 | 10 | 15 | 16 | 20 | 23 | 25 | 32 | 40 | 50 | 65 | 65 | 80 | 80 | 100 | 100 | 125 | 125 | 150 | 150 | 200 | 200 | 200 | 250 | 250 | 300 | | | | | | | | | |
|---------------------------|---------------------|--------------------------------------|---|----|----|----|----|----|---------|----|----|---------|-----|-----|----------|---------|---------|-----|---------|---------|---------|---------|---------|---------|-----|---------|-----|---------|-----|---------|-----|--|--|--|--|--|--|--|--|
| Course / Stroke (mm) | | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 25 | 25 | 30 | 40 | 30 | 40 | 40 | 40 | 50 | 40 | 50 | 50 | 60 | 50 | 60 | 80 | 80 | 100 | 100 | | | | | | | | |
| Servomoteurs Actuators | Ressorts Springs | Alim mini Min air Supply (bar) | Différentiels de pression maxi / Maxi differential pressure (bar) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PA35 B6 | 2G | 1.4 | 50 | 50 | 50 | 50 | 35 | 30 | 19 | 13 | 11 | 6 | 2,8 | 1,5 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 0.7-1.1 | | | | | | | | | | | | 0,6-1,1 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4G | 2.5 | 50 | 50 | 50 | 50 | 50 | 50 | 36 | 26 | 22 | 13 | 8 | 4,8 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 1.4-2.2 | | | | | | | | | | | | 1,2-2,2 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6S | 6 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 33 | 20 | 10 | | 6,4 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 3.0-5 | | | | | | | | | | | | 2,4-5 | | 1,8-5 | | | | | | | | | | | | | | | | | | | | | | |
| PA60 A6 | 2G | 1.4 | | | | | | | 50 | 47 | 40 | 24 | 13 | 8 | 3,7 | 2,2 | 2 | 1 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 0.6-1 | | | 0.5-1 | | | 0,3-1 | | 0,5-1 | | 0,3-1 | | | | | | | | | | | | | | | | | | | | |
| | 4G | 2.5 | | | | | | 50 | 50 | 50 | 50 | 30 | 19 | 9,7 | 6,8 | 6 | 4 | 2,4 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 1.2-1.9 | | | 1.1-1.9 | | | 0.6-1.9 | | 1-1.9 | | 0.6-1.9 | | | | | | | | | | | | | | | | | | | | |
| 6S | 6 | | | | | | 50 | 50 | 50 | 50 | 50 | 50 | 32 | 23 | 21 | 14 | 9 | | | | | | | | | | | 2 | | | | | | | | | | | |
| | | | | | | | | | 3.8-4.9 | | | 2.9-4.9 | | | 2.5-4.9 | | 1.7-4.9 | | 2.5-4.9 | | 1.7-4.9 | | | | | | | | | | | | | | | | | | |
| PA60 C6 | 2G | 1.4 | | | | | | | 50 | 46 | 39 | 23 | 13 | 8 | 4 | 3 | 2,2 | 1,5 | 0,8 | 0,4 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 0.7-0.9 | | | 0.6-0.9 | | | 0.5-0.9 | | 0.6-0.9 | | 0.5-0.9 | | 0.4-0.9 | | | | | | | | | | | | | | | | | | |
| | 6G | 2.9 | | | | | | 50 | 50 | 50 | 50 | 49 | 31 | 16 | 13 | 10 | 8 | 5 | 4 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 2-2.6 | | | 1.9-2.6 | | | 1.7-2.6 | | 1.4-2.6 | | 1.7-2.6 | | 1.4-2.6 | | 1.1-2.6 | | | | | | | | | | | | | | | | |
| 6S | 6 | | | | | | | 50 | 50 | 50 | 50 | 32 | 25 | 21 | 16 | 10 | 7,1 | 2,6 | 0,6 | 0,3 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | 3.9-5.4 | | | 3.5-5.4 | | | 2.35-5.4 | | | | | | 1.6-5.4 | | | | | | | | | | | | | | | | | | |
| MA41 A6 | 8S | 4.5 | | | | | | | | | | | | | | | 27 | 17 | | 7,4 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | 1.5-3.3 | | | 1.5-3.3 | | | | | | | | | | | | | | | | | | | |
| 14S | 6 | | | | | | | | | | | | | | | 50 | 32 | | 16 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | 2.6-5.7 | | | | | | 2.6-5.7 | | | | | | | | | | | | | | | | | |
| MA41 B6 | 8S | 4.5 | | | | | | | | | | | | | | | | | | 3,5 | 2 | 1,8 | 1 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | 1.4-3.3 | | 0.9-3.3 | | 1.4-3.3 | | 0.9-3.3 | | | | | | | | | | | | | |
| 14S | 6 | | | | | | | | | | | | | | | | | | | 8,7 | 6,4 | 4,8 | 3,4 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | 2.3-5.7 | | 1.6-5.7 | | 2.3-5.7 | | 1.6-5.7 | | | | | | | | | | | | | |
| MA41 D6 | 4B | 6 | | | | | | | | | | | | | | | | | | 8,3 | 7,4 | 4,5 | 4 | | | 3 | 1,4 | 0,8 | 0,5 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | 3.0-4.5 | | 2.8-4.5 | | 3.0-4.5 | | 2.8-4.5 | | 2.3-4.5 | | 1.7-4.5 | | | | | | | | | |
| MA60 G6 | 16S | 6 | | | | | | | | | | | | | | | 48 | | 27 | 18 | | 10 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | 2.1-4.4 | | | 2.1-4.4 | | | 2.1-4.4 | | | | | | | | | | | | | | | | | |
| MA60 D6 | 8B | 6 | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 9 | 8 | 5.5 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | 3.2-5.0 | | 2.7-5.0 | | | | | | | | | | | | | | | | |

Valable pour vanne classe IV, portée Inox, PE PTFE chargé graphite / For class IV valve, SST plug, PTFE/Graphite packing

Vanne de régulation pneumatique 2 voies 2 ways pneumatic control valve

Type
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Différence de pression maximale : Vanne normalement ouverte (NO) par manque d'air : version Ps

Maximal differential pressure : Fail open valve (NO) : Ps version

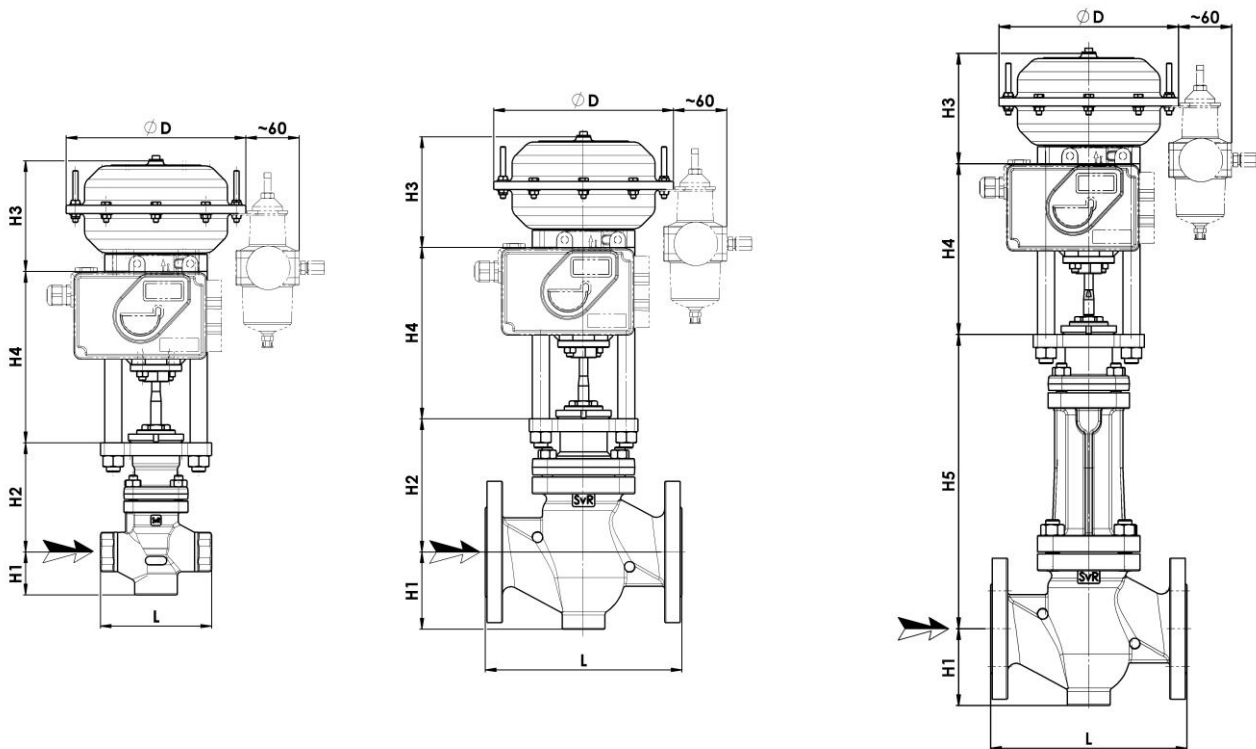
| Siège / Seat (mm) | | 4 | 6 | 8 | 10 | 15 | 16 | 20 | 23 | 25 | 32 | 40 | 50 | 65 | 65 | 80 | 80 | 100 | 100 | 125 | 125 | 150 | 150 | 200 | 200 | 200 | 250 | 250 | 300 | | | | | |
|---------------------------|---------------------|--------------------------------------|---|----|-----|----|----|----|----|----|----|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----|-----|-----|-----|-----|-----|-----|--|--|--|--|--|
| Course / Stroke (mm) | | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 25 | 25 | 30 | 40 | 30 | 40 | 40 | 50 | 40 | 50 | 50 | 60 | 50 | 60 | 80 | 80 | 100 | 100 | | | | | |
| Servomoteurs Actuators | Ressorts Springs | Alim mini Min air Supply (bar) | Différentiels de pression maxi / Maxi differential pressure (bar) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | PA35 B6 | 2G | 1.4 | 50 | 50 | 50 | 50 | 29 | 25 | 15 | 11 | 9 | 5 | 2,8 | 1,5 | | | | | | | | | | | | | | | | | |
| | 0,2-0,7 | | | | | | | | | | | | 0,2-0,8 | | | | | | | | | | | | | | | | | | | | | |
| 2.5 | 50 | 50 | | | 50 | 50 | 50 | 50 | 50 | 50 | 45 | 27 | 15 | 9,7 | 5,1 | 3,9 | 2,9 | 2,1 | | | | | | | | | | | | | | | | |
| | | 0,2-0,7 | | | | | | | | | | | | 0,2-0,8 | | | 0,2-0,9 | 0,2-1,1 | 0,2-0,9 | 0,2-1,1 | | | | | | | | | | | | | | |
| | 6 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 37 | 21 | 19 | 13 | 12 | | | | | | | | | | | | | | | | | |
| | | 0,2-0,7 | | | | | | | | | | | | 0,2-0,8 | | | 0,2-0,9 | 0,2-1,1 | 0,2-0,9 | 0,2-1,1 | | | | | | | | | | | | | | |
| PA60 A6 | 2G | 1.4 | | | | | | 50 | 50 | 50 | 34 | 18 | 11 | 5 | 3 | 3 | 1,6 | 0,9 | | | | | | | | | | | | | | | | |
| | | | 0,2-0,6 | | | | | | | | | | | | 0,2-0,7 | | | 0,2-0,8 | 0,2-0,9 | 0,2-0,8 | 0,2-0,9 | | | | | | | | | | | | | |
| | | 2.5 | | | | | | 50 | 50 | 50 | 50 | 50 | 33 | 18 | 15 | 11 | 9,8 | 6,1 | | | | | | | | | | | | | | | | |
| | | 0,2-0,6 | | | | | | | | | | | | 0,2-0,8 | | | 0,2-0,9 | 0,2-0,8 | 0,2-0,9 | | | | | | | | | | | | | | | |
| | 6 | | | | | | | | | | | | | | | 38 | 35 | 22 | | | | | | | | | 10 | | | | | | | |
| | | 0,2-0,8 | | | | | | | | | | | | 0,2-0,9 | | | | | | | | | | | | | | | | | | | | |
| PA60 C6 | 2G | 1.4 | | | | | | 50 | 50 | 50 | 40 | 23 | 14 | 7 | 5,9 | 4,4 | 3,5 | 2 | 1,5 | | | | | | | | | | | | | | | |
| | | | 0,2-0,5 | | | | | | | | | | | | 0,2-0,6 | | | 0,2-0,7 | 0,2-0,6 | 0,2-0,7 | 0,2-0,8 | | | | | | | | | | | | | |
| | | 2.5 | | | | | | 50 | 50 | 50 | 50 | 50 | 36 | 20 | 18 | 12 | 11 | 7 | 6 | 0,7 | 0,3 | | | | | | | | | | | | | |
| | | 0,2-0,5 | | | | | | | | | | | | 0,2-0,6 | | | 0,2-0,7 | 0,2-0,6 | 0,2-0,7 | 0,2-0,8 | 0,2-0,7 | 0,2-0,8 | | | | | | | | | | | | |
| | 6 | | | | | | | | | | | | | | | 39 | 37 | 23 | 22 | 11 | 10 | 7,3 | 6,9 | 4 | 3,8 | | | | | | | | | |
| | | 0,2-0,6 | | | | | | | | | | | | 0,2-0,7 | | | 0,2-0,8 | 0,2-0,7 | 0,2-0,8 | 0,2-0,9 | 0,2-0,8 | 0,2-0,9 | | | | | | | | | | | | |
| MA41 A6 | 4G | 1,4 | | | | | | 50 | 50 | 50 | 50 | 42 | 27 | 13 | 9,7 | 8,6 | 6 | 3,6 | | | | | | | | | | | | | | | | |
| | | | 0,3-0,6 | | | | | | | | | | | | 0,3-0,7 | | | 0,3-0,8 | 0,3-0,9 | 0,3-0,8 | 0,3-0,9 | | | | | | | | | | | | | |
| | | 2,5 | | | | | | | | | | | | | | | 26 | 22 | 14 | | | | | | | | 5,3 | | | | | | | |
| | | 0,3-0,8 | | | | | | | | | | | | 0,2-0,9 | | | | | | | | | | | | | | | | | | | | |
| | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 0,3-0,9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MA41 B6 | 4G | 1,4 | | | | | | | | | | | | | | | | 4,1 | | | | | | | | | | | | | | | | |
| | | | 0,2-0,9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 2,5 | | | | | | | | | | | | | | | | 15 | 13 | 5,8 | 4,6 | 3 | 2 | 1,6 | 1 | | | | | | | | | |
| | | 0,2-0,9 | | | | | | | | | | | | 0,2-1,0 | 0,2-0,9 | 0,2-1,0 | 0,2-1,1 | 0,2-1,0 | 0,2-1,1 | | | | | | | | | | | | | | | |
| | 6 | | | | | | | | | | | | | | | | | | 28 | 26 | 18 | 17 | 10 | 9,5 | | | | | | | | | | |
| | | 0,2-0,9 | | | | | | | | | | | | 0,2-1,0 | | | 0,2-1,1 | 0,2-1,0 | 0,2-1,1 | | | | | | | | | | | | | | | |

Valable pour vanne classe IV, portée Inox, PE PTFE chargé graphite / For class IV valve, SST plug, PTFE/Graphite packing

Vanne de régulation pneumatique 2 voies 2 ways pneumatic control valve

Type
7162P

7Encombres / Dimensions DN15-DN100 / DN½"- DN4"



| Version taraudé et soudé / Threaded and welded version | | | | | | | | | |
|--|-----|-----|-----|------|------|------|-----|-----|-----|
| DN | ½" | ¾" | 1" | 1¼" | 1½" | 2" | - | - | - |
| L | 130 | 130 | 130 | 200 | 200 | 200 | / | / | / |
| H1 | 60 | 60 | 60 | 90 | 90 | 90 | / | / | / |
| H2 | 128 | 128 | 128 | 156 | 156 | 156 | / | / | / |
| H5 | 320 | 320 | 320 | 346 | 346 | 346 | / | / | / |
| Masse / Mass (kg) | 5 | 5 | 5 | 11.5 | 11.5 | 11.5 | / | / | / |
| Version à brides / Flanges version | | | | | | | | | |
| DN | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 80 | 100 |
| L (PN16/25/40) | 130 | 150 | 160 | 180 | 200 | 230 | 290 | 310 | 350 |
| L (PN63/100) | / | / | / | / | / | / | / | / | 430 |
| L (ANSI Class 150 RF) | 184 | 184 | 184 | / | 222 | 254 | / | 298 | 352 |
| L (ANSI Class 300 RF) | 190 | 194 | 197 | / | 235 | 267 | / | 318 | 368 |
| L (ANSI Class 600 RF) | / | / | 210 | / | 251 | 286 | / | 337 | 394 |
| L (ANSI Class 150 RTJ) | / | / | 197 | / | 235 | 267 | / | 311 | 365 |
| L (ANSI Class 300 RTJ) | 201 | 207 | 210 | / | 248 | 283 | / | 333 | 384 |
| L (ANSI Class 600 RTJ) | / | / | 210 | / | 251 | 289 | / | 340 | 397 |
| H1 | 48 | 53 | 60 | 70 | 85 | 90 | 100 | 120 | 145 |
| H2 (PN16/25/40 + ANSI Class 150/300) | 128 | 128 | 133 | 138 | 160 | 156 | 162 | 178 | 198 |
| H2 (PN63/100) | / | / | / | / | / | / | / | / | 283 |
| H2 (ANSI Class 600) | / | / | 142 | / | 169 | 172 | / | 243 | 283 |
| H5 (PN16/25/40 + ANSI Class 150/300) | 320 | 320 | 320 | 327 | 351 | 346 | 343 | 353 | 366 |
| H2 (PN63/100) | / | / | / | / | / | / | / | / | 386 |
| H5 (ANSI Class 600) | / | / | 240 | / | 265 | 260 | / | 343 | 386 |
| H4 (max) | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| Masse / Mass (kg) | 5,5 | 6,5 | 8,5 | 10 | 14 | 17,5 | 23 | 32 | 47 |

Toutes les cotes en mm / All dimensions in mm

| | PA35-B6 | PA60-A6 | PA60-C6 | MA41-A6 | MA41-B6 | MA41-C6 |
|-------------------|---------|---------|---------|---------|---------|---------|
| ØD | 210 | 310 | 310 | 420 | 420 | 420 |
| H3 | 125 | 153 | 173 | 224 | 242 | 329 |
| Masse / Mass (kg) | 5,2 | 10,5 | 12,5 | 55 | 55 | 72 |

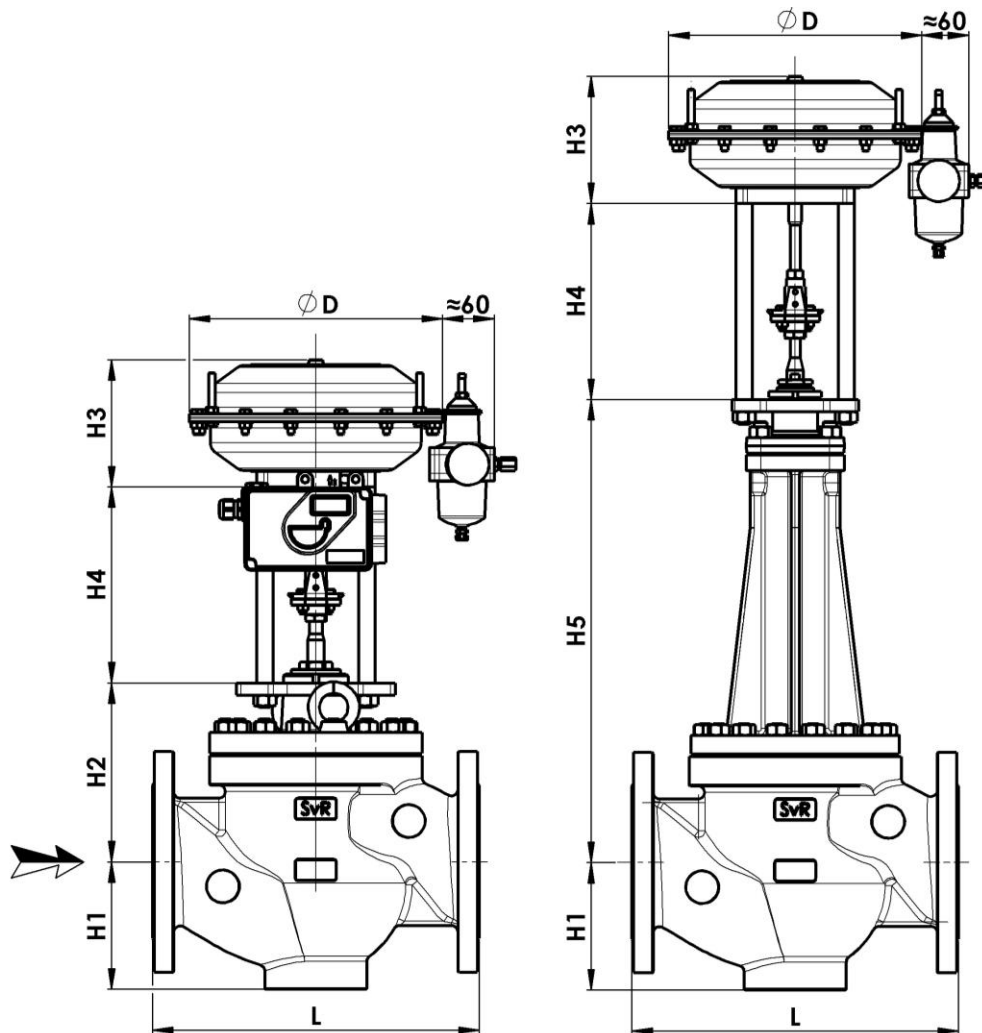
Toutes les cotes en mm / All dimensions in mm

sart von Rohr

Vanne de régulation pneumatique 2 voies 2 ways pneumatic control valve

Type
7162P

Encombremments / Dimensions DN125-DN200



| DN | 125 | 150 | 200 |
|--------------------------------------|------|-----|-----|
| L (PN16/40) | 400 | 480 | 600 |
| L (PN63/100) | / | 550 | 650 |
| L (ANSI Class 150 RF) | 400* | 451 | 543 |
| L (ANSI Class 300 RF) | 418* | 473 | 568 |
| L (ANSI Class 600 RF) | / | 508 | 610 |
| L (ANSI Class 150 RTJ) | / | 464 | 556 |
| L (ANSI Class 300 RTJ) | / | 489 | 584 |
| L (ANSI Class 600 RTJ) | / | 511 | 613 |
| H1 | 156 | 177 | 239 |
| H2 (PN16/25/40 + ANSI Class 150/300) | 219 | 222 | 257 |
| H2 (PN63/100 + ANSI Class 600) | / | 284 | 340 |
| H5 | 567 | 577 | 601 |
| H4 (max) | 280 | 280 | 280 |
| Masse / Mass (kg) | 77 | 105 | 253 |

*Exécution spécial / Special execution

Toutes les cotes en mm / All dimensions in mm

| | PA60-A6 | PA60-C6 | MA41-A6 | MA41-B6 | MA41-C6 |
|-------------------|---------|---------|---------|---------|---------|
| Ø D | 310 | 310 | 420 | 420 | 420 |
| H3 | 153 | 173 | 224 | 242 | 329 |
| Masse / Mass (kg) | 10,5 | 12,5 | 51 | 58 | 76 |

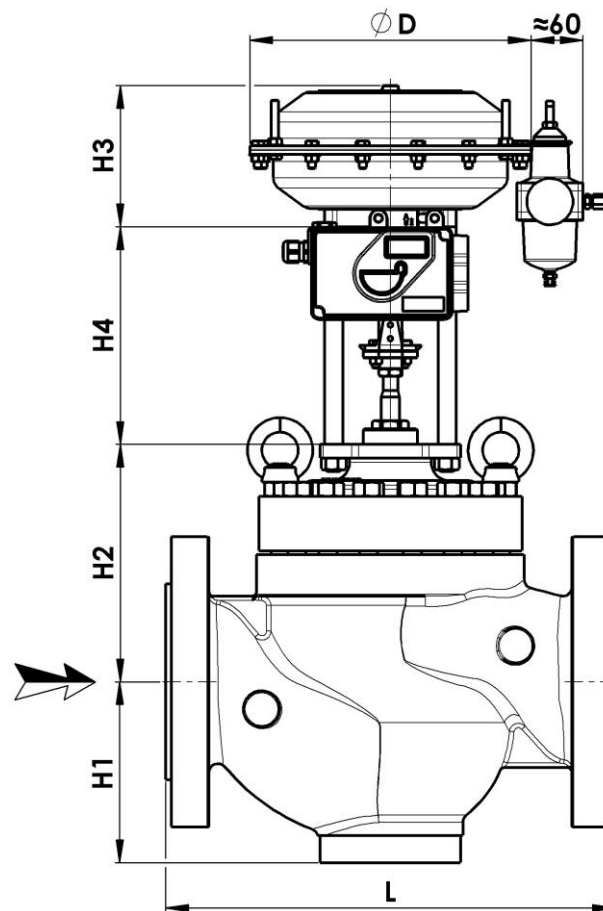
Toutes les cotes en mm / All dimensions in mm

sart von Rohr

Vanne de régulation pneumatique 2 voies 2 ways pneumatic control valve

Type
7162P

Encombrements / Dimensions DN125-200 équilibrée / balanced



| DN | 125 | 150 | 200 |
|--------------------------------------|------|-----|-----|
| L (PN16/40) | 400 | 480 | 600 |
| L (PN63/100) | / | 550 | 650 |
| L (ANSI Class 150 RF) | 400* | 451 | 543 |
| L (ANSI Class 300 RF) | 418* | 473 | 568 |
| L (ANSI Class 600 RF) | / | 508 | 610 |
| L (ANSI Class 150 RTJ) | / | 464 | 556 |
| L (ANSI Class 300 RTJ) | / | 489 | 584 |
| L (ANSI Class 600 RTJ) | / | 511 | 613 |
| H1 | 156 | 177 | 239 |
| H2 (PN16/25/40 + ANSI Class 150/300) | 250 | 262 | 306 |
| H2 (PN63/100 + ANSI Class 600) | / | 284 | 340 |
| H4 (max) | 280 | 280 | 280 |
| Masse / Mass (kg) | 100 | 150 | 280 |

*Exécution spécial / Special execution

Toutes les cotes en mm / All dimensions in mm

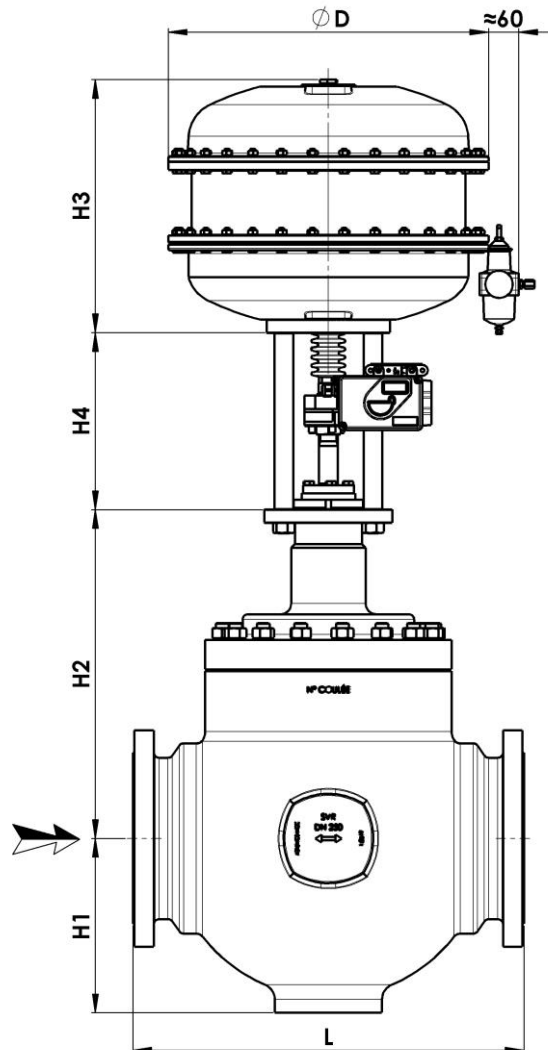
| | MA41-A6 | MA41-B6 | MA41-C6 | MA60 A6 |
|-------------------|---------|---------|---------|---------|
| Ø D | 420 | 420 | 420 | 600 |
| H3 | 224 | 242 | 329 | 534 |
| Masse / Mass (kg) | 51 | 58 | 76 | 192 |

Toutes les cotes en mm / All dimensions in mm

Vanne de régulation pneumatique 2 voies 2 ways pneumatic control valve

Type
7162P

Encombres / Dimensions DN250 -DN300



| DN | 250 | 300 |
|-----------------------|------|------|
| L (PN16/40) | 730 | 850 |
| L (PN63/100) | 775 | 900 |
| L (ANSI Class 150 RF) | 730 | 850 |
| L (ANSI Class 300 RF) | 730* | 850* |
| L (ANSI Class 600 RF) | 752 | 900 |
| H1 | 326 | 380 |
| H2 | 525 | 617 |
| H4 (max) | 350 | 350 |
| Masse / Mass (kg) | 345 | 525 |

* L de 846 class 300 DN300 en option

* L de 708 class 300 DN250 en option

Toutes les cotes en mm / All dimensions in mm

| | MA41-C6 | MA60-A6 | MA60-B6 | MA60-D6 |
|-------------------|---------|---------|---------|---------|
| Ø D | 420 | 600 | 600 | 600 |
| H3 | 329 | 534 | 652 | 514 |
| Masse / Mass (kg) | 76 | 192 | 223 | 181 |

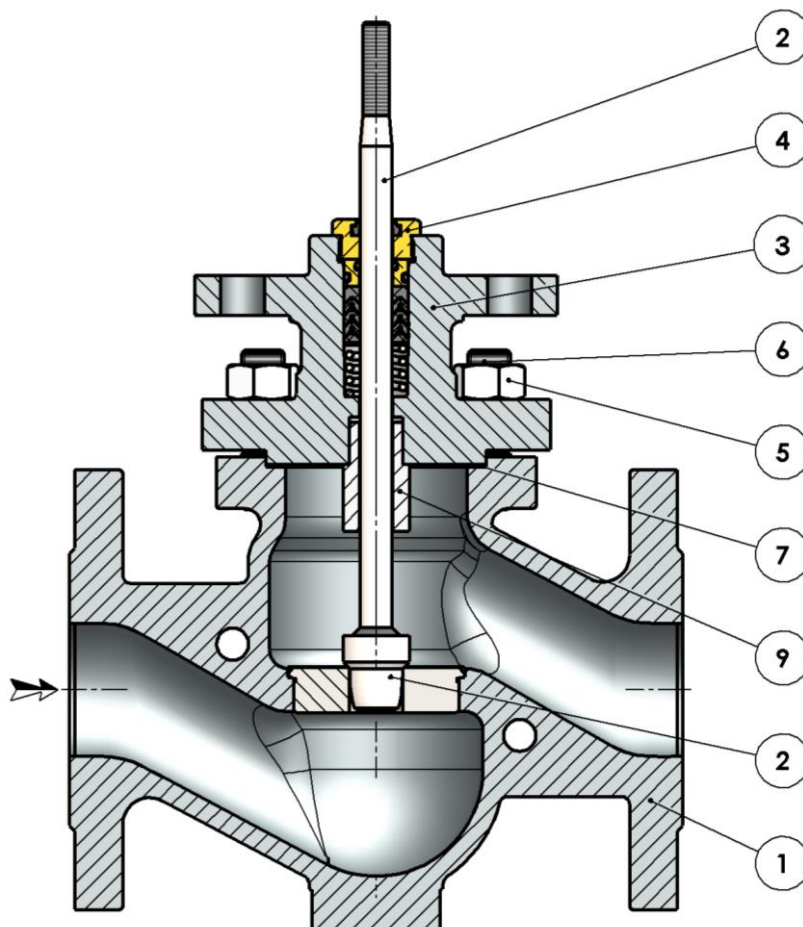
Toutes les cotes en mm / All dimensions in mm

Vanne de régulation pneumatique 2 voies

2 ways pneumatic control valve

Type
7162P

Liste de pièces / Part list-DN15-DN100



| Rep./Item | Désignation / Description | Matière / Material |
|-----------|-----------------------------------|--|
| 1 | Corps / Body | 1.0619- A216 WCB-1.4408- A351 CF8M-1.7357-A217 WC6 |
| 2 | Clapet / Cone | Inox / Stainless steel |
| 3 | Couvercle / Cover | 1.0570-1.0619-WCB / 1.4404-1.4408-CF8M |
| 4* | Presse étoupe / Stuffing box | Laiton / Brass-Inox / Stainless steel |
| 5 | Ecrou / Nut | 8.8 / A2-70 / A320 L7 |
| 6 | Goujon / Stud | 8.8 / A2-70 / A320 L7 |
| 7* | Joint / Gasket | Graphite |
| 9 | Douille de guidage / Guiding bush | 1.4542 |

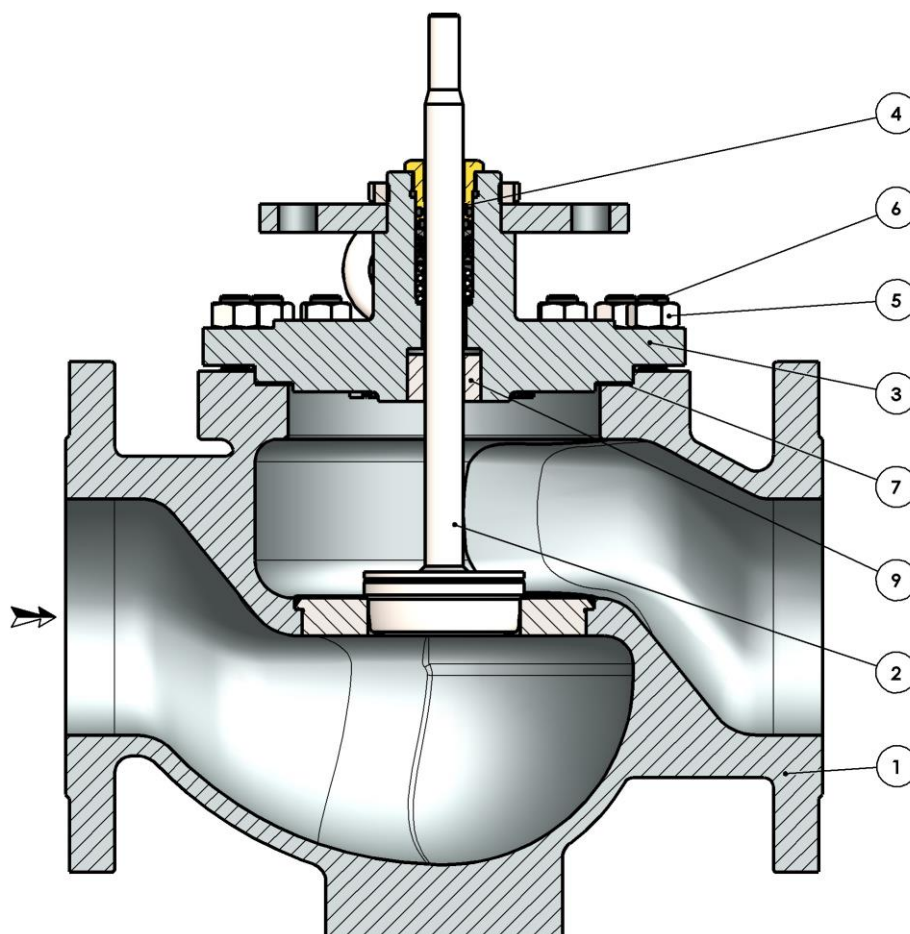
* Pièces de rechange / Spare parts

Vanne de régulation pneumatique 2 voies

2 ways pneumatic control valve

Type
7162P

Liste de pièces / Part list-DN125-DN200



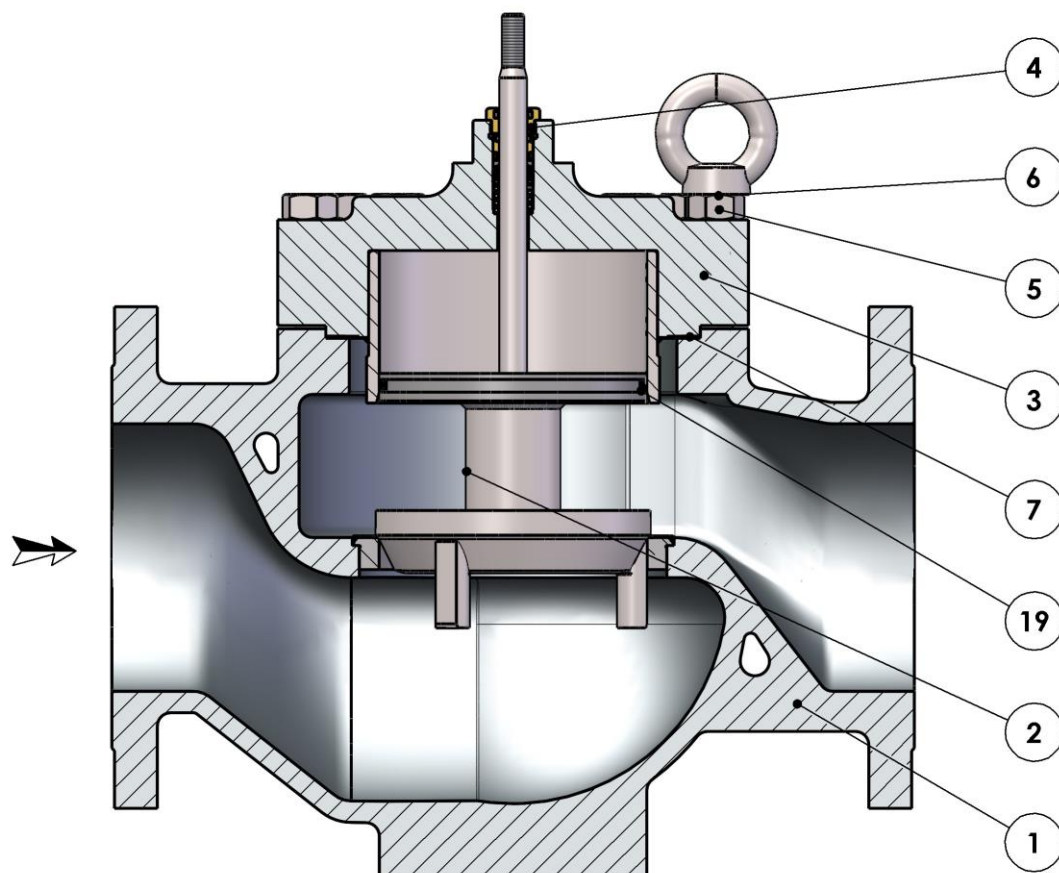
| Rep./Item | Désignation / Description | Matière / Material |
|-----------|-----------------------------------|--|
| 1 | Corps / Body | 1.0619- A216 WCB-1.4408- A351 CF8M-1.7357-A217 WC6 |
| 2 | Clapet / Cone | Inox / Stainless steel |
| 3 | Couvercle / Cover | 1.0570-1.0619-WCB / 1.4404-1.4408-CF8M |
| 4* | Presse étoupe / Stuffing box | Laiton / Brass-Inox / Stainless steel |
| 5 | Ecrou / Nut | 8.8 / A2-70 / A320 L7 |
| 6 | Goujon / Stud | 8.8 / A2-70 / A320 L7 |
| 7* | Joint / Gasket | Graphite |
| 9 | Douille de guidage / Guiding bush | 1.4542 |

* Pièces de rechange / Spare parts

Vanne de régulation pneumatique 2 voies 2 ways pneumatic control valve

Type
7162P

Liste de pièces / Part list-DN125-200 équilibrée / balanced



| Rep./Item | Désignation / Description | Matière / Material |
|-----------|------------------------------|--|
| 1 | Corps / Body | 1.0619- A216 WCB-1.4408- A351 CF8M-1.7357-A217 WC6 |
| 2 | Clapet / Cone | Inox / Stainless steel |
| 3 | Couvercle / Cover | 1.0570-1.0619-WCB / 1.4404-1.4408-CF8M |
| 4* | Presse étoupe / Stuffing box | Laiton / Brass-Inox / Stainless steel |
| 5 | Ecrou / Nut | 8.8 / A2-70 / A320 L7 |
| 6 | Goujon / Stud | 8.8 / A2-70 / A320 L7 |
| 7* | Joint / Gasket | Graphite |
| 19* | Joint EQ / Gasket EQ | PTFE / 1.4310 |

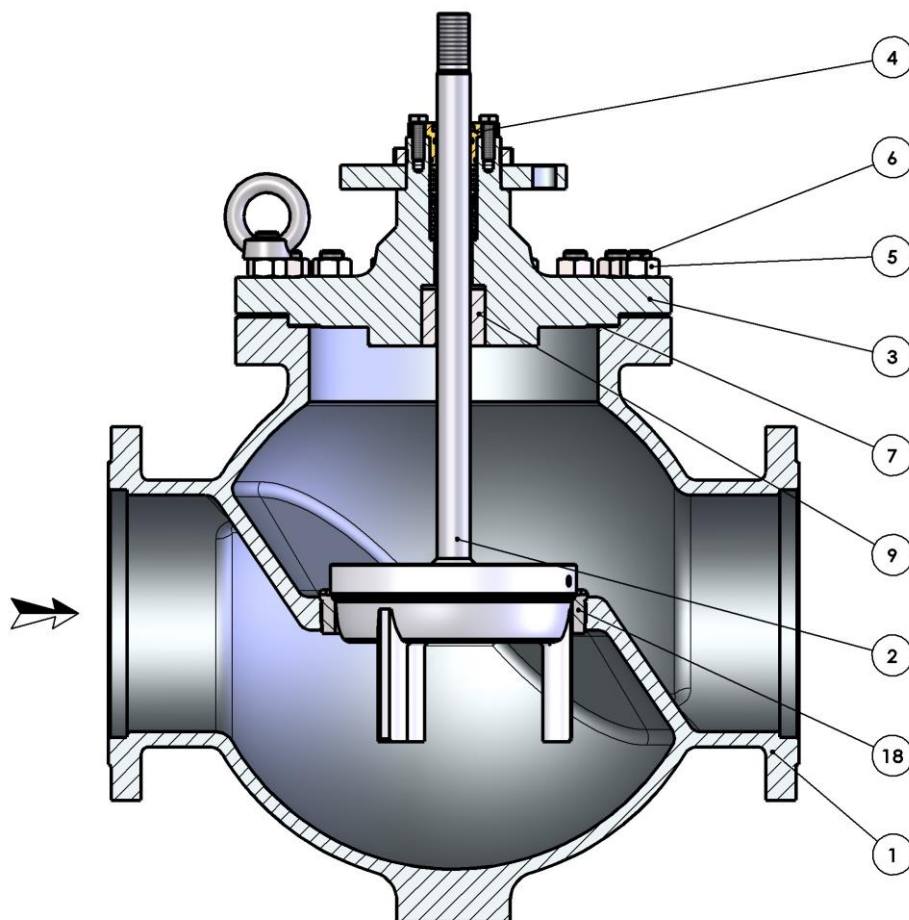
* Pièces de rechange / Spare parts

Vanne de régulation pneumatique 2 voies

2 ways pneumatic control valve

Type
7162P

Liste de pièces / Part list-DN250-DN300



| Rep./Item | Désignation / Description | Matière / Material |
|-----------|-----------------------------------|--|
| 1 | Corps / Body | 1.0619- A216 WCB-1.4408- A351 CF8M |
| 2 | Clapet / Cone | Inox / Stainless steel |
| 3 | Couvercle / Cover | 1.0570-1.0619-WCB / 1.4404-1.4408-CF8M |
| 4* | Presse étoupe / Stuffing box | Laiton / Brass-Inox / Stainless steel |
| 5 | Ecrou / Nut | 8.8 / A2-70 / A320 L7 |
| 6 | Goujon / Stud | 8.8 / A2-70 / A320 L7 |
| 7* | Joint / Gasket | Graphite |
| 9 | Douille de guidage / Guiding bush | 1.4542 |
| 18 | Siège / Seat | Inox / Stainless steel |

* Pièces de rechange / Spare parts