

IMPLEX® SYSTEM / SYSTEME IMPLEX®

COMPACT SYSTEM SYSTEME COMPACT

PVC / PVC ◀▶ Ø63-315 mm
PPGF / PPFV ◀▶ Ø63-160 mm



01 Group

NETVITC SYSTEM®, PVC. Pres. Fittings
PVC. Pres. glued fittings
PVC. Pres. glued-thread fittings
NETVITC®, Flange-coupling
Flanges and adaptors
Fluids display socket
U-PVC. Glue and cleaner

02 Group

Clamp saddles
PPGF. Hinged sleeves
P.P. Threaded fittings
P.P. Fittings
Brass pressure Fittings
Electrofusion fittings/Welding fittings

03 Group

Butterfly valves
NETVITC SYSTEM® Butterfly valves
"BASIC" Ball valves
Bidirectional "BASIC" Ball valves
"Compact" valves
"Semicompact" valves
SYSTEM®, Check valves
NETWELL®, Aspiration valves
Lineal check valves
Check (non return) valve with spring
NET®, Air release valve
Angle seat valves

04 Group

Drip irrigation
Micro-irrigat. Fittings
Filter
Netvitic System® Filter
Netvitic System® Extinguishers
Drainage / Evacuation.

MAIN FEATURES / CARACTERISTIQUES GENERALES

- Measures from Ø63 to Ø315 with or without flanges.
- **Eleven fluid regulation** positions with catch system.
- One-piece body made by **direct injection**.
- **Large calibre axis**, maximum durability and work response.
- Safety groove on the whole body perimeter.
- **Total watertightness** by means of the perimeter watertight seal located in the butterfly.
- Reinforced butterfly with safety groove.
- **Butterfly lashing system using either the clutch or the catch**, according to the model.
- Ergonomic handle.

- Mesures de Ø63 a Ø315 avec et sans brides.
- **Onze positions** de régulation de fluide avec système à gâchette.
- **Corps réalisé par injection directe** en une seule pièce.
- **Axe de grand calibre**, durabilité et réponse au travail maximale.
- Nervures de sécurité sur tout le périmètre du corps
- **Étanchéité totale** grâce au joint étanche périmétrique situé dans le papillon.
- Papillon renforcé avec rainures de sécurité.
- **Système de blocage du papillon par action d'embrayage ou de gâchette**, selon le modèle.
- Poignée ergonomique.

GENERAL APPLICATIONS / APPLICATIONS GENERALES

-The wide valve range that we offer give the option to select the most appropriated in function of its use and the fluid to manipulate. (Irrigation, public works, swimming pools, industries).



Recommendations:

- Glue surplus from adaptors gluing action should be cleaned away in order to avoid damages or anomalies of the system.

Regulation:

- Its dimension and mounting measures allow its insertion within the inlet/outlet pipe according to regulation UNE-EN 1452 (PVC-U)

Pressure/Temperature

-  - From 63 to 140 = PN 10 bar – 145 psi
-  - From 160 to 315 = PN 6 bar – 87 psi

- La large gamme de vannes que nous vous proposons donne la possibilité de choisir la plus adéquate en fonction de l'utilisation et du fluide à manipuler. (Agriculture, travaux publics, piscines et industries).



Recommandations:

- L'excédent de colle produit pendant le collage des porte-brides doit être nettoyé afin d'éviter des dommages ou anomalies dans le fonctionnement.

Réglementation:

- Ses dimensions et côtes de montage permettent son insertion dans les tuyaux d'entrée et de sortie selon la norme UNE-EN 1452 (PVC-U).

Pression / Température

-  - De 63 à 140 = PN 10 bar – 145 psi
-  - De 160 à 315 = PN 6 bar – 87 psi

IMPLEX SYSTEM FEATURES / CARACTERISTIQUES SYSTEME IMPLEX

- **Option in PPGF**. Adaptable to adverse conditions.
- Measures from Ø63 to Ø315, with or without flanges.
- Opening and closing system by using **either catch or clutch**.
- **Bichromated steel shaft**. Option STAINLESS STEEL (304) and STAINLESS STEEL (316).
- **Option VITON**. Black handle.
- **Measure of Ø250**, double handle positioning.
- Its fixing orifices allow connecting to flanges with different regulations **DIN 8063, ANSI 16.5, BS 10 table D/E, UNE-EN 1452 (PVC-U)**.

- **Option en PPFV**. Adaptable en conditions défavorables.
- Mesures Ø63 a Ø315 avec et sans brides.
- Ouverture et fermeture au moyen d'une **gâchette** ou d'un **embrayage**.
- **Axe fer bichromaté**. Option acier INOX (304) et INOX (316).
- **Option VITON**. Poignée noire.
- **Mesure à partir de Ø250**, double positionnement de poignée.
- Ses orifices de fixation lui permettent de s'ajuster à des brides de différentes normes **DIN 8063 ANSI 16.5, BS 10 tableau D/E, UNE-EN 1452 (PVC-U)**.





COMPACT SYSTEM FEATURES / CARACTERISTIQUES SYSTEME COMPACT

- Special valves system for industry.
 - Dimensions from Ø90 to Ø160 mm.
 - Ergonomic handle. Opening and closing by using trigger.
 - Axis made of STAINLESS STEEL A-2. STAINLESS STEEL (A4) in option.
 - Optional manual control and either electric or pneumatic automation.
 - Better sturdiness to ensure superior resistance.
 - Optional seal made of VITON. Black handle.
 - Flanges and adaptors - conical models.
- Système de vannes spécialement conçues pour l'industrie.
 - Mesures de Ø90 à Ø160 mm.
 - Poignée ergonomique. Ouverture et fermeture au moyen d'une gâchette.
 - Axe en INOX A-2. Option acier INOX (A4).
 - Option régulation manuelle et automatisation électrique ou pneumatique.
 - Meilleure robustesse afin d'obtenir une résistance supérieure.
 - Option joint en Viton. Poignée noire.
 - Brides et porte-bridés modèle conique.

MOTORIZED FEATURES / CARACTERISTIQUES SYSTEME COMPACT

| Specifications / Spécifications | L35 | H35 | L55 | H55 | L85 | H85 | L140 | H140 | L300 | H300 |
|--|---------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Voltage / Voltage | 12-24 VAC/ VDC | 85-240 VAC/VDC | 12-24 VAC/ VDC | 85-240 VAC/VDC | 12-24 VAC/ VDC | 85-240 VAC/VDC | 12-24 VAC/ VDC | 85-240 VAC/VDC | 12-24 VAC/ VDC | 85-240 VAC/VDC |
| Frequency (Hz) / Fréquence (Hz) | 50/60 | 50/60 | 50/60 | 50/60 | 50/60 | 50/60 | 50/60 | 50/60 | 50/60 | 50/60 |
| Working time S/90° / Temps de travail S/90° | 12 | 11 | 16 | 14 | 35 | 30 | 33 | 33 | 60 | 60 |
| Startup torque (N-m) / Démarrageur (N-m) | 35 | 35 | 55 | 55 | 85 | 85 | 140 | 140 | 300 | 300 |
| Working torque (N-m) / Couple de travail (N-m) | 38 | 38 | 60 | 60 | 90 | 90 | 170 | 170 | 350 | 350 |
| Time Under pressure (%) / Temps sous pression (%) | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| Protection IEC 60529 / Protection IEC 60529 | IP-65 | IP-65 | IP-65 | IP-65 | IP-65 | IP-65 | IP-65 | IP-65 | IP-65 | IP-65 |
| Working angle (°) / Angle de travail (°) | 90° - 180° - 270° | | | | | | | | | |
| Temperature (°C) / Température (°C) | -20°C +70°C | | | | | | | | | |
| Final switch / Interrupteur de fin de course | 4 SPDT micro | | | | | | | | | |
| Heating resistance (W) / Résistance chauffante (W) | 4 | | | | | | | | | |
| Connectors / Connecteurs | DIN 43650 ISO 4400 & C192 | | | | | | | | | |
| ISO 5211 Connection / Connexion ISO 5211 | F-03 F-04 F-05 | F-05 F-07 | F-05 F-07 | F-05 F-07 | F-05 F-07 | F-05 F-07 | F-07 F-10 | F-07 F-10 | F-07 F-10 | F-07 F-10 |
| DIN 3337 Connection - Double frame standard/optional Connexion DIN 3337 - Double cadre standard/optionnel | 14 / 9 o 11 | 17 / 14 | 17 / 14 | 17 / 14 | 17 / 14 | 22 / 17 | 22 / 17 | 22 / 17 | 22 / 17 | 22 / 17 |
| Weight (kg) / Poids (Kg) | 1,9 | 1,9 | 2,4 | 2,4 | 3 | 3 | 5,2 | 5,2 | 5,2 | 5,2 |

- Multi-voltage electric actuators, rotating of 1/4" spin.
- Electronic control of the torque in order to obtain a soft functioning and to suspend power supply in case of the maximum torque is exceeded (obstructions), to protect the actuator mechanism.
- Visual control of the operation by means of an external LED, state indicator of the actuator.
- Manual emergency control, by selecting the manual functioning, the motor is isolated from the gears allowing to drive manually the valve.
- Automatic control of the temperature, by means of an internal heater the inner temperature is kept between 20 and 30° avoiding damages caused by condensation effect.
- Anti-corrosive materials for an optimal functioning within any environment.
- In option, digital positioner DPS 2005 for signals control 4-20 mA 0-10V.
- In option, safety closing by means of battery, BSR system.

- Actionneurs électriques multi-voltage rotatifs de 1/4" de retour.
- Contrôle électronique du couple pour obtenir un fonctionnement souple et suspendre l'alimentation au cas où le couple maximum serait dépassé (obstructions), protégeant ainsi le mécanisme du moteur.
- Contrôle visuel de l'opération grâce à une LED externe, indicateur de l'état de l'actionneur.
- Commande manuelle d'urgence, en sélectionnant le fonctionnement manuel, le moteur s'isole de l'engrenage et on peut ainsi actionner manuellement la vanne.
- Contrôle automatique de la température, grâce à un chauffage interne pour maintenir la température intérieure entre 20 et 30°C et éviter ainsi les dommages causés par la condensation.
- Matériaux anticorrosifs pour un fonctionnement optimal dans quelconque environnement.
- En option le positionneur digital DPS 2005 pour signaux de contrôle 4-20mA 0-10V.
- Option fermeture de sécurité grâce à des batteries, système BSR.

PNEUMATICALLY OPERATED ACTUATORS DOUBLE ACTING ACTIONNEURS PNEUMATIQUES DOUBLE EFFET

| MODEL MODELE | CONSUMPTION CONSOMMATION (L/cycle) | ACTUATOR TORQUE COUPLE MOTEUR | ACTUATOR WEIGHT PODS ACTIONNEUR | AIR PRESSURE 6 bar / WORKING TIME (sec) PRESSION 6 bar / TEMPS DE TRAVAIL (sec) | |
|-----------------|---------------------------------------|----------------------------------|------------------------------------|--|----------------------|
| | | | | OPENING OUVERTURE | CLOSING FERMETURE |
| H075 DE | 0,61 | 72,7 Nm | 2,9 Kg. | 0,6 | 0,6 |
| H085 DE | 0,98 | 110,2 Nm | 4,2 Kg. | 0,6 | 0,8 |
| H100 DE | 1,8 | 173,3 Nm | 5,8 Kg. | 0,8 | 0,8 |
| H115 DE | 2,8 | 274,5 Nm | 9,2 Kg. | 0,8 | 1,2 |

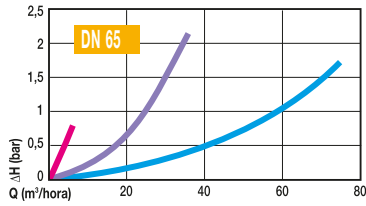
1 Cycle = Opening + closing 1 Cycle = ouverture + fermeture

PNEUMATICALLY OPERATED ACTUATORS SIMPLE ACTING ACTIONNEURS PNEUMATIQUES SIMPLE EFFET

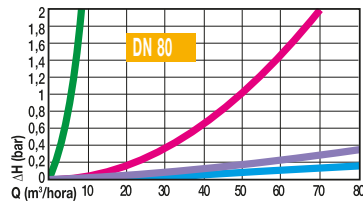
| MODEL MODELE | CONSUMPTION CONSOMMATION (L/cycle) | SPRING TORQUE (Nm) COUPLE RESSORT (Nm) | | POWER SUPPLY TORQUE (Nm) COUPLE D'ALIMENTATION (Nm) | | WEIGHT (Kg) POIDS (Kg) | AIR PRESSURE 6 bar / WORKING TIME (sec) PRESSION 6 bar / TEMPS DE TRAVAIL (sec) | |
|-----------------|---------------------------------------|---|-------|--|-------|---------------------------|--|----------------------|
| | | 0° | 90° | 0° | 90° | | OPENING OUVERTURE | CLOSING FERMETURE |
| H075 SE | 0,61 | 25 | 46 | 46,8 | 25,9 | 2,9 | 0,6 | 1 |
| H100 SE | 1,8 | 62,1 | 111,3 | 111,3 | 61,8 | 5,8 | 1 | 1,2 |
| H115 SE | 2,8 | 106,0 | 168,5 | 168,5 | 106,6 | 10,3 | 1,2 | 1,5 |
| H125 SE | 3,7 | 131,2 | 238,3 | 238,4 | 131,2 | 11,9 | 1,3 | 2 |

Consumption and par at pressure of 6 bars. 1 cycle=opening + closing
Consommation et par à une pression de 6 bars. 1 cycle = ouverture+fermeture

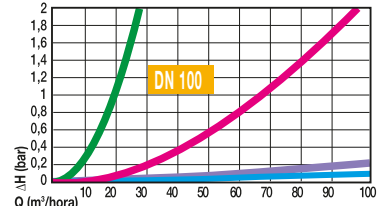
LOAD LOSS: COMPACT AND IMPLEX® SYSTEM VALVES
PERTES DE CHARGE: VANNES COMPACT ET SYSTEME IMPLEX®



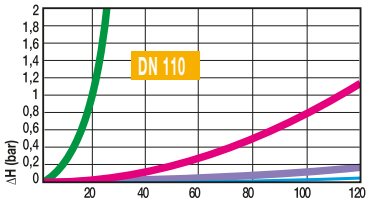
$\Delta H=0,0003Q^3+3E-06Q$ $\Delta H=0,0273Q^2-2E-05Q$ $\Delta H=0,0017Q^2-6E-05Q$
 $-0,0001$ $R^2=1$ $+0,002$ $R^2=1$ $+0,0006$ $R^2=1$



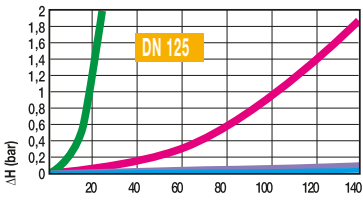
$\Delta H=0,048 Q^{1,915}$ $\Delta H=0,003 Q^{2,872}$ $\Delta H=9 \cdot 10^{-3} Q^{1,887}$ $\Delta H=2 \cdot 10^{-3} Q^{2,852}$
 $R^2=0,9766$ $R^2=0,9972$ $R^2=0,9902$ $R^2=0,9946$



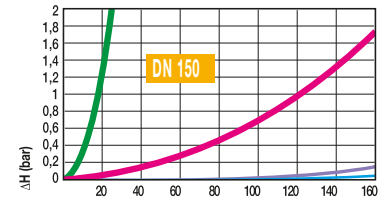
$\Delta H=0,019 Q^{2,112}$ $\Delta H=0,003 Q^{1,829}$ $\Delta H=9 \cdot 10^{-5} Q^{1,754}$ $\Delta H=4 \cdot 10^{-5} Q^{2,585}$
 $R^2=0,9904$ $R^2=0,9999$ $R^2=0,9911$ $R^2=0,9800$



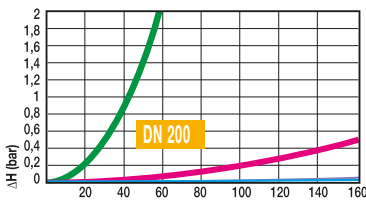
$\Delta H=9 \cdot 10^{-4} Q^{2,257}$ $\Delta H=6 \cdot 10^{-5} Q^{2,559}$ $\Delta H=2 \cdot 10^{-5} Q^{1,5735}$ $\Delta H=10^{-6} Q^{2,151}$
 $R^2=0,9969$ $R^2=0,9859$ $R^2=0,9840$ $R^2=0,9306$



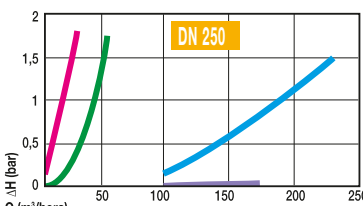
$\Delta H=0,029 Q^{1,9975}$ $\Delta H=0,0001 Q^{1,959}$ $\Delta H=3 \cdot 10^{-6} Q^{2,582}$ $\Delta H=1,8 \cdot 10^{-6} Q^{2,554}$
 $R^2=0,9996$ $R^2=0,9990$ $R^2=0,9832$ $R^2=0,9290$



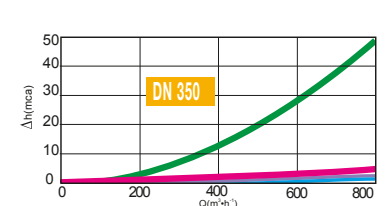
$\Delta H=0,006 Q^{2,484}$ $\Delta H=7 \cdot 10^{-5} Q^{1,952}$ $\Delta H=1 \cdot 10^{-5} Q^{1,813}$ $\Delta H=9 \cdot 10^{-7} Q^{2,585}$
 $R^2=0,9984$ $R^2=0,9974$ $R^2=0,9891$ $R^2=0,9260$



$\Delta H=0,0004 Q^{2,882}$ $\Delta H=2 \cdot 10^{-3} Q^{2,008}$ $\Delta H=3 \cdot 10^{-4} Q^{1,803}$ $\Delta H=7 \cdot 10^{-7} Q^{1,9814}$



$\Delta H=3E-05x2 + 0,0009Q - 0,2143$ $\Delta H=0,0028Q^2 - 0,0009Q + 0,0964$
 $R^2 = 0,9923$ $R^2 = 1$
 $\Delta H=4E-07Q^2 - 2E-18Q + 2E-16$ $\Delta H=0,0007Q^2 + 7E-16Q - 7E-14$
 $R^2 = 1$ $R^2 = 1$

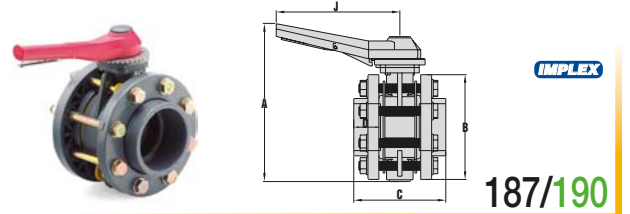
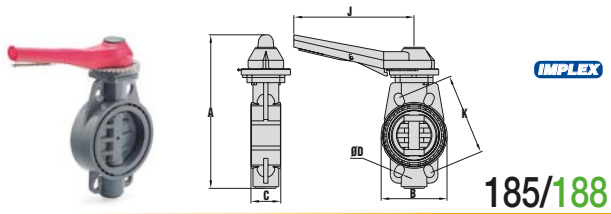


$\Delta H=8 \cdot 10^4 Q^2$ $\Delta H=7 \cdot 10^4 Q^2+6 \cdot 10^{11} Q$
 $\Delta H=1 \cdot 10^4 Q^2-3 \cdot 10^{11} Q$ $\Delta H=5 \cdot 10^7 Q^2-3 \cdot 10^{11} Q$

- Opening 18° / Ouverture 18°
- Opening 72° / Ouverture 72°
- Opening 45° / Ouverture 45°
- Opening 90° / Ouverture 90°

Butterfly valves IMPLEX® SYSTEM
 Vannes papillon IMPLEX® SYSTEM

SYSTEMS BOUNDED (product range) / SYSTEMES COTES (gamme de produit)

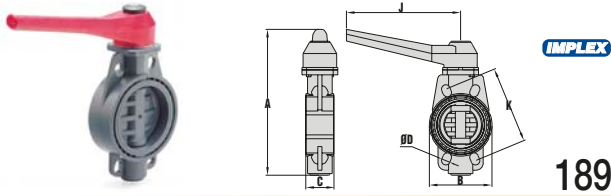


IMPLEX® Valve, trigger / Vanne IMPLEX®, gâchette

IMPLEX® butterfly valve, trigger/flanges
 Vanne papillon IMPLEX®, gâchette/brides

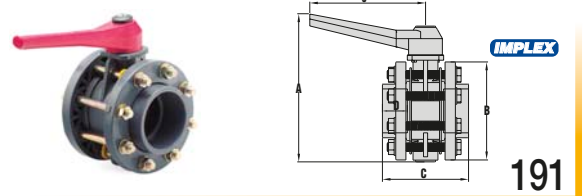
| EPDM CODE | VITON CODE | Ø (Pipe) / Ø (Tuyau) | UNIT GROSS WEIGHT | A | B | C | D | K | J |
|-----------|------------|----------------------|-------------------|-----|-----|-----|-------|---------|-----|
| 09626 | 09805 | 63 | 1.395 | 264 | 136 | 50 | 18x4 | 125-145 | 235 |
| 09627 | 09806 | 75 | 1.395 | 264 | 136 | 50 | 18x4 | 125-145 | 235 |
| 09628 | 09807 | 90 | 2.060 | 288 | 130 | 57 | 18x8 | 146-160 | 235 |
| 09629 | 09808 | 110 | 2.320 | 308 | 152 | 60 | 18x8 | 178-190 | 235 |
| 09630 | 09809 | 125 | 2.625 | 344 | 170 | 62 | 18x8 | 190 | 270 |
| 09631 | 09810 | 140 | 2.950 | 364 | 187 | 65 | 18x8 | 210-216 | 270 |
| 09632 | 09811 | 160 | 3.780 | 386 | 214 | 69 | 22x8 | 235-241 | 270 |
| 09633 | 09812 | 200/225 | 5.620 | 460 | 270 | 71 | 22x8 | 292-298 | 270 |
| 09634 | 09813 | 250 | 9.982 | 570 | 321 | 108 | 22x12 | 350-362 | 415 |
| 09635 | 09223 | 315 | 22.000 | 695 | 370 | 131 | 22x12 | 400-425 | 240 |

| EPDM CODE | VITON CODE | Ø (Pipe) / Ø (Tuyau) | UNIT GROSS WEIGHT | A | B | C | D | J |
|-----------|------------|----------------------|-------------------|-----|-----|-----|-----|-----|
| 09640 | 09815 | 63 | 4.950 | 264 | 161 | 143 | 36 | 235 |
| 09641 | 09816 | 75 | 5.198 | 264 | 186 | 162 | 44 | 235 |
| 09642 | 09817 | 90 | 6.224 | 288 | 200 | 191 | 52 | 235 |
| 09643 | 09818 | 110 | 7.340 | 308 | 220 | 202 | 61 | 235 |
| 09644 | 09819 | 125 | 8.167 | 344 | 230 | 224 | 70 | 270 |
| 09645 | 09820 | 140 | 9.227 | 364 | 250 | 243 | 78 | 270 |
| 09646 | 09821 | 160 | 13.839 | 386 | 285 | 255 | 86 | 270 |
| 09647 | 09822 | 200 | 17.925 | 460 | 270 | 311 | 106 | 270 |
| 09648 | 09823 | 225 | 19.890 | 460 | 270 | 311 | 127 | 270 |
| 09649 | 09824 | 250 | 21.235 | 570 | 321 | 363 | 131 | 415 |
| 09650 | 09825 | 315 | 42.590 | 695 | 370 | 482 | 164 | 240 |



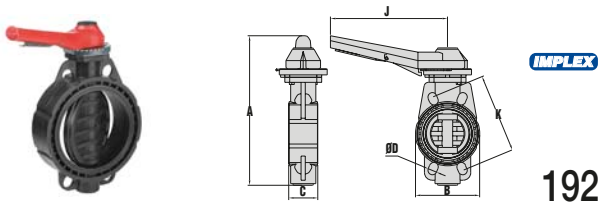
IMPEX® Valve clutch EPDM / Vanne IMPEX® embrayage EPDM

| EPDM CODE | Ø (Pipe) Ø (Tuyau) | UNIT GROSS WEIGHT | A | B | C | D | K | J |
|-----------|-----------------------|-------------------|-----|-----|----|------|---------|-----|
| 09030 | 90 | 1.818 | 288 | 130 | 57 | 18x8 | 146-160 | 272 |
| 09031 | 110 | 2.028 | 308 | 152 | 60 | 18x8 | 178-190 | 272 |
| 09032 | 125 | 2.481 | 344 | 170 | 62 | 18x8 | 190 | 272 |
| 09033 | 140 | 2.889 | 364 | 187 | 65 | 18x8 | 210-216 | 272 |
| 09034 | 160 | 3.450 | 386 | 214 | 69 | 22x8 | 235-241 | 272 |
| 09035 | 200/225 | 6.015 | 460 | 270 | 71 | 22x8 | 292-298 | 317 |



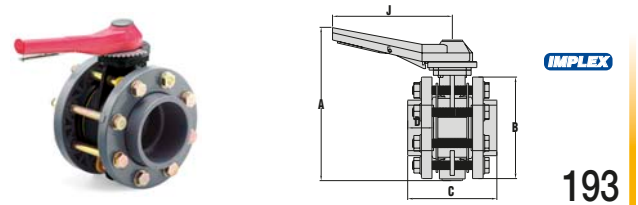
IMPEX® Valve w/flange / Vanne IMPEX® brides

| EPDM CODE | Ø (Pipe) Ø (Tuyau) | UNIT GROSS WEIGHT | A | B | C | D | J |
|-----------|-----------------------|-------------------|-----|-----|-----|-----|-----|
| 09043 | 75 | 5.998 | 288 | 200 | 191 | 44 | 272 |
| 09044 | 90 | 6.024 | 288 | 200 | 191 | 52 | 272 |
| 09045 | 110 | 7.140 | 308 | 220 | 202 | 61 | 272 |
| 09046 | 125 | 7.967 | 344 | 230 | 224 | 70 | 272 |
| 09047 | 140 | 9.027 | 364 | 250 | 243 | 78 | 272 |
| 09048 | 160 | 13.369 | 386 | 285 | 255 | 86 | 272 |
| 09049 | 200 | 17.490 | 460 | 270 | 311 | 106 | 317 |
| 09050 | 225 | 19.450 | 460 | 270 | 311 | 127 | 317 |



IMPEX® Valve catch PPGF / Vanne IMPEX® gâchette PPFV

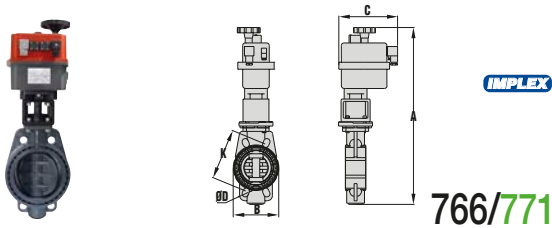
| CODE CODE | Ø (Pipe) Ø (Tuyau) | UNIT GROSS WEIGHT | A | B | C | D | K | J |
|-----------|-----------------------|-------------------|-----|-----|----|------|---------|-----|
| 09705 | 63 | 1.116 | 264 | 136 | 50 | 18x4 | 125-145 | 235 |
| 09706 | 75 | 1.116 | 264 | 136 | 50 | 18x4 | 125-145 | 235 |
| 09707 | 90 | 1.648 | 288 | 130 | 57 | 18x8 | 146-160 | 235 |
| 09708 | 110 | 1.856 | 308 | 152 | 60 | 18x8 | 178-190 | 235 |
| 09709 | 125 | 2.100 | 344 | 170 | 62 | 18x8 | 190 | 270 |
| 09710 | 140 | 2.360 | 364 | 187 | 65 | 18x8 | 210-216 | 270 |
| 09711 | 160 | 3.024 | 386 | 214 | 69 | 22x8 | 235-241 | 270 |



IMPEX® Valve catch w/flanges PPGF / Vanne IMPEX® gâchette/brides PPFV

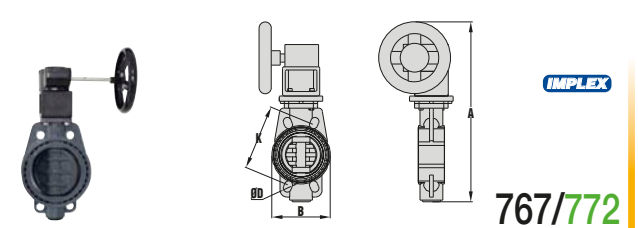
| CODE CODE | Ø (Pipe) Ø (Tuyau) | UNIT GROSS WEIGHT | A | B | C | D | J |
|-----------|-----------------------|-------------------|-----|-----|-----|----|-----|
| 09725 | 63 | 4.702 | 264 | 161 | 143 | 36 | 235 |
| 09726 | 75 | 4.938 | 264 | 186 | 162 | 44 | 235 |
| 09727 | 90 | 5.912 | 288 | 200 | 191 | 52 | 235 |
| 09728 | 110 | 6.973 | 308 | 220 | 202 | 61 | 235 |
| 09729 | 125 | 7.758 | 344 | 230 | 224 | 70 | 270 |
| 09730 | 140 | 8.765 | 364 | 250 | 243 | 78 | 270 |
| 09731 | 160 | 13.147 | 386 | 285 | 255 | 86 | 270 |

MOTORIZED VALVES / VANNES MOTORISÉES



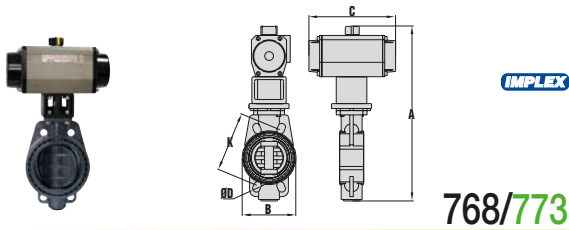
PVC IMPEX® Valve 220V electric motor / Vanne IMPEX® PVC. Moteur électrique, 220V

| EPDM CODE | VITON CODE | Ø (Pipe) Ø (Tuyau) | UNIT GROSS WEIGHT | MOTOR MOTEUR | A | B | C | D | K |
|-----------|------------|-----------------------|-------------------|--------------|-----|-----|-----|-------|---------|
| 09099 | 09149 | 63 | 2.695 | H-35 | 428 | 136 | 172 | 18x4 | 125-145 |
| 09100 | 09150 | 75 | 2.695 | H-35 | 428 | 136 | 172 | 18x4 | 125-145 |
| 09862 | 09429 | 90 | 4.086 | H-55 | 477 | 130 | 172 | 18x8 | 146-160 |
| 09863 | 09430 | 110 | 4.404 | H-55 | 497 | 152 | 172 | 18x8 | 178-190 |
| 09864 | 09431 | 125 | 6.030 | H-85 | 515 | 170 | 235 | 18x8 | 190 |
| 09865 | 09432 | 140 | 8.636 | H-140 | 583 | 187 | 235 | 18x8 | 210-216 |
| 09866 | 09433 | 160 | 9.758 | H-140 | 605 | 214 | 235 | 22x8 | 235-241 |
| 09106 | 09156 | 200/225 | 10.820 | H-140 | 679 | 270 | 235 | 22x8 | 292-298 |
| 09107 | 09157 | 250 | 15.182 | H-300 | 755 | 321 | 235 | 22x12 | 350-362 |
| 09108 | 09158 | 315 | 27.200 | H-300 | 790 | 370 | 235 | 22x12 | 400-425 |



Manual reducer / Réducteur manuel

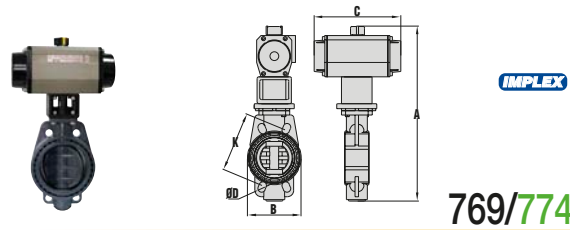
| EPDM CODE | VITON CODE | Ø (Pipe) Ø (Tuyau) | UNIT GROSS WEIGHT | A | B | C | D | K |
|-----------|------------|-----------------------|-------------------|-----|-----|-----|-------|---------|
| 09199 | 09214 | 63 | 3.145 | 362 | 136 | 172 | 18x4 | 125-145 |
| 09200 | 09215 | 75 | 3.145 | 362 | 136 | 172 | 18x4 | 125-145 |
| 09893 | 09434 | 90 | 3.810 | 386 | 130 | 172 | 18x8 | 146-160 |
| 09894 | 09435 | 110 | 4.070 | 406 | 152 | 172 | 18x8 | 178-190 |
| 09895 | 09436 | 125 | 4.375 | 417 | 170 | 235 | 18x8 | 190 |
| 09896 | 09437 | 140 | 4.700 | 488 | 187 | 235 | 18x8 | 210-216 |
| 09897 | 09438 | 160 | 5.530 | 510 | 214 | 235 | 22x8 | 235-241 |
| 09206 | 09221 | 200/225 | 7.330 | 584 | 270 | 235 | 22x8 | 292-298 |
| 09207 | 09222 | 250 | 14.550 | 610 | 321 | 235 | 22x12 | 350-362 |
| 09208 | 09223 | 315 | 22.000 | 695 | 370 | 235 | 22x12 | 400-425 |



768/773

Pneumatically operated IMPLEX® Valve, single acting
Vanne IMPLEX® avec actionneur pneumatique, simple effet

| EPDM CODE | VITON CODE | Ø (Pipe) Ø (Tuyau) | UNIT GROSS WEIGHT | MOTOR MOTEUR | A | B | C | D | K |
|-----------|------------|-----------------------|-------------------|--------------|-----|-----|-----|-------|---------|
| 09109 | 09159 | 63 | 4.295 | H075SE | 376 | 136 | 210 | 18x4 | 125-145 |
| 09110 | 09160 | 75 | 4.295 | H075SE | 376 | 136 | 210 | 18x4 | 125-145 |
| 09873 | 09439 | 90 | 5.186 | H075SE | 400 | 130 | 210 | 18x8 | 146-160 |
| 09874 | 09440 | 110 | 8.404 | H100SE | 420 | 152 | 290 | 18x8 | 178-190 |
| 09875 | 09441 | 125 | 8.832 | H100SE | 431 | 170 | 290 | 18x8 | 190 |
| 09876 | 09442 | 140 | 12.636 | H115SE | 500 | 187 | 310 | 18x8 | 210-216 |
| 09877 | 09443 | 160 | 13.758 | H115SE | 522 | 214 | 310 | 22x8 | 235-241 |
| 09116 | 09166 | 200/225 | 17.520 | H125SE | 596 | 270 | 362 | 22x8 | 292-298 |
| 09117 | 09167 | 250 | 21.882 | H125SE | 596 | 321 | 362 | 22x12 | 350-362 |
| 09118 | 09168 | 315 | 31.500 | H125SE | 770 | 370 | 362 | 22x12 | 400-425 |



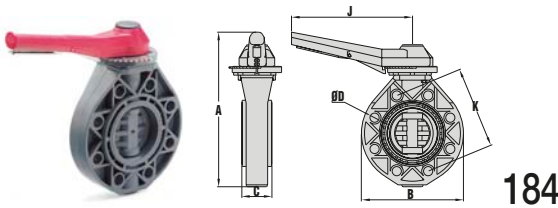
769/774

Pneumatically operated IMPLEX® Valve, double acting
Vanne IMPLEX® avec actionneur pneumatique, double effet

| EPDM CODE | VITON CODE | Ø (Pipe) Ø (Tuyau) | UNIT GROSS WEIGHT | MOTOR MOTEUR | A | B | C | D | K |
|-----------|------------|-----------------------|-------------------|--------------|-----|-----|-----|-------|---------|
| 09119 | 09169 | 63 | 4.295 | H075DE | 376 | 136 | 210 | 18x4 | 125-145 |
| 09120 | 09170 | 75 | 4.295 | H075DE | 376 | 136 | 210 | 18x4 | 125-145 |
| 09179 | 09444 | 90 | 5.186 | H075DE | 400 | 130 | 210 | 18x8 | 146-160 |
| 09180 | 09445 | 110 | 5.504 | H075DE | 420 | 152 | 290 | 18x8 | 178-190 |
| 09181 | 09446 | 125 | 5.932 | H075DE | 431 | 170 | 290 | 18x8 | 190 |
| 09182 | 09447 | 140 | 7.636 | H085DE | 500 | 187 | 310 | 18x8 | 210-216 |
| 09183 | 09448 | 160 | 8.758 | H085DE | 522 | 214 | 310 | 22x8 | 235-241 |
| 09126 | 09176 | 200/225 | 14.820 | H100DE | 596 | 270 | 362 | 22x8 | 292-298 |
| 09127 | 09177 | 250 | 19.182 | H115DE | 596 | 321 | 362 | 22x12 | 350-362 |
| 09128 | 09178 | 315 | 31.500 | H115DE | 770 | 370 | 362 | 22x12 | 400-425 |

COMPACT SYSTEM SYSTEME COMPACT

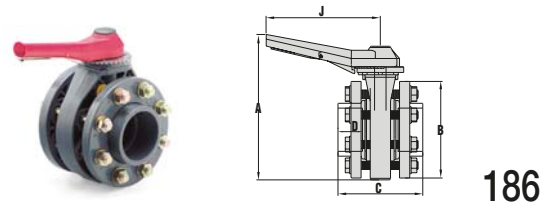
SYSTEMS BOUNDED (product range) / SYSTEMES COTES (gamme de produit)



184

COMPACT valve, catch / Vanne COMPACT, gâchette

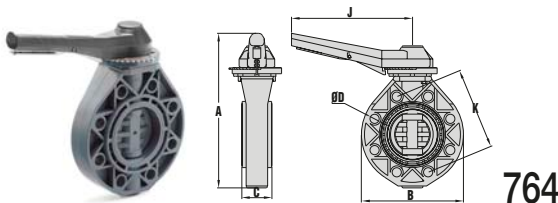
| CODE CODE | Ø (Pipe) Ø (Tuyau) | UNIT GROSS WEIGHT | A | B | C | D | K | J |
|-----------|-----------------------|-------------------|-----|-----|----|------|-----|-----|
| 09603 | 90 | 2.286 | 290 | 200 | 56 | 18x8 | 160 | 235 |
| 09604 | 110 | 2.604 | 308 | 220 | 56 | 18x8 | 180 | 235 |
| 09605 | 125 | 3.032 | 344 | 230 | 53 | 18x8 | 190 | 270 |
| 09606 | 140 | 3.436 | 364 | 251 | 60 | 18x8 | 210 | 270 |
| 09607 | 160 | 4.558 | 386 | 285 | 69 | 22x8 | 240 | 270 |



186

COMPACT valve, catch w/flanges
Vanne COMPACT, gâchette/brides

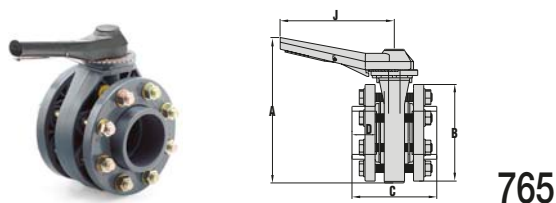
| CODE CODE | Ø (Pipe) Ø (Tuyau) | UNIT GROSS WEIGHT | A | B | C | D | J |
|-----------|-----------------------|-------------------|-----|-----|-----|----|-----|
| 09615 | 90 | 6.758 | 290 | 200 | 193 | 52 | 235 |
| 09616 | 110 | 7.588 | 308 | 220 | 199 | 61 | 235 |
| 09617 | 125 | 8.580 | 344 | 230 | 221 | 70 | 270 |
| 09618 | 140 | 9.982 | 364 | 251 | 239 | 78 | 270 |
| 09619 | 160 | 14.372 | 386 | 285 | 270 | 86 | 270 |



764

COMPACT valve, catch / Vanne COMPACT, gâchette

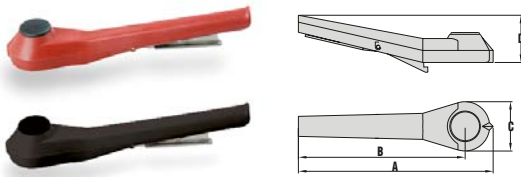
| VITON CODE | Ø (Pipe) Ø (Tuyau) | UNIT GROSS WEIGHT | A | B | C | D | K | J |
|------------|-----------------------|-------------------|-----|-----|----|------|-----|-----|
| 09653 | 90 | 2.286 | 290 | 200 | 56 | 18x8 | 160 | 235 |
| 09654 | 110 | 2.604 | 308 | 220 | 56 | 18x8 | 180 | 235 |
| 09655 | 125 | 3.032 | 344 | 230 | 53 | 18x8 | 190 | 270 |
| 09656 | 140 | 3.436 | 364 | 251 | 60 | 18x8 | 210 | 270 |
| 09657 | 160 | 4.558 | 386 | 285 | 69 | 22x8 | 240 | 270 |



765

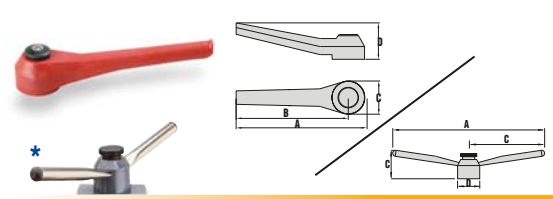
COMPACT valve, catch w/flanges
Vanne COMPACT, gâchette/brides

| VITON CODE | Ø (Pipe) Ø (Tuyau) | UNIT GROSS WEIGHT | A | B | C | D | J |
|------------|-----------------------|-------------------|-----|-----|-----|----|-----|
| 09660 | 90 | 6.758 | 290 | 200 | 193 | 52 | 235 |
| 09661 | 110 | 7.588 | 308 | 220 | 199 | 61 | 235 |
| 09662 | 125 | 8.580 | 344 | 230 | 221 | 70 | 270 |
| 09663 | 140 | 9.982 | 364 | 251 | 239 | 78 | 270 |
| 09664 | 160 | 14.372 | 386 | 285 | 270 | 86 | 270 |



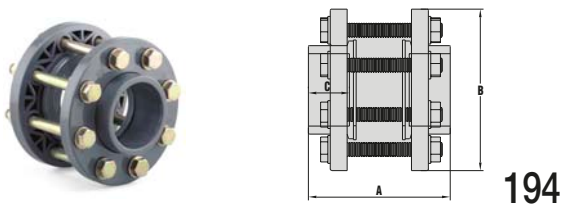
Catch handle / Poignée gâchette

| CODE CODE | Ø (Pipe) Ø (Tuyau) | UNIT GROSS WEIGHT | A | B | C | D |
|-----------|-----------------------|-------------------|-----|-----|----|-----|
| 09904 | 63-75 | 336 | 275 | 235 | 70 | 75 |
| 09905 | 90-110 | 347 | 275 | 235 | 70 | 75 |
| 09906 | 125-160 | 370 | 310 | 270 | 70 | 85 |
| 09908 | 200-225 | 554 | 310 | 270 | 70 | 85 |
| 09908 | 250 | 745 | 457 | 420 | 74 | 100 |



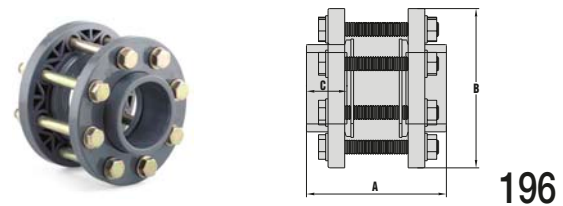
Clutch handle / Poignée embrayage

| CODE CODE | Ø (Pipe) Ø (Tuyau) | UNIT GROSS WEIGHT | A | B | C | D |
|-----------|-----------------------|-------------------|-----|-----|----|----|
| 09902 | 90-110 | 260 | 307 | 272 | 70 | 80 |
| 09903 | 125-160 | 375 | 352 | 317 | 70 | 90 |
| * 09904 | 200-225 | 835 | 476 | 238 | 72 | 83 |



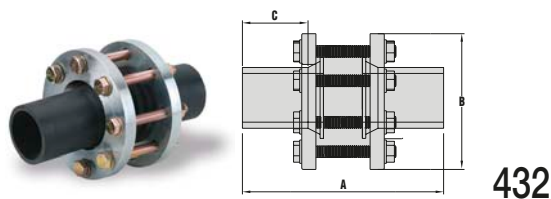
Plain flange set / Raccord bride plate

| CODE CODE | Ø (Pipe) Ø (Tuyau) | UNIT GROSS WEIGHT | A | B | C | HOLES TROUS |
|-----------|-----------------------|-------------------|-----|-----|-----|-------------|
| 10261 | 63 | 3.550 | 87 | 165 | 38 | 18x4 |
| 10262 | 75 | 3.650 | 97 | 185 | 44 | 18x4 |
| 10263 | 90 | 3.985 | 115 | 200 | 51 | 18x8 |
| 10264 | 110 | 4.904 | 136 | 220 | 60 | 18x8 |
| 10265 | 125 | 5.256 | 152 | 230 | 69 | 18x8 |
| 10266 | 140 | 6.131 | 166 | 250 | 76 | 18x8 |
| 10267 | 160 | 8.875 | 186 | 285 | 86 | 22x8 |
| 10268 | 200 | 12.845 | 242 | 340 | 106 | 22x8 |
| 10269 | 225 | 12.283 | 255 | 340 | 127 | 22x8 |
| 10270 | 250 | 18.125 | 284 | 399 | 131 | 22x12 |
| 10271 | 315 | 24.243 | 351 | 450 | 164 | 22x12 |



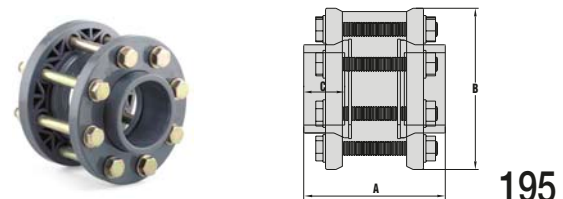
Imperial flange set / Imperial flange set

| CODE CODE | Ø (Pipe) Ø (Tuyau) | UNIT GROSS WEIGHT | A | B | C | HOLES TROUS |
|-----------|-----------------------|-------------------|-----|-----|-----|-------------|
| 10456 | 2" | 3.550 | 87 | 165 | 38 | 18x4 |
| 10457 | 2 1/2" | 3.650 | 97 | 185 | 44 | 18x4 |
| 10458 | 3" | 3.985 | 115 | 200 | 51 | 18x8 |
| 10459 | 4" | 4.904 | 136 | 220 | 60 | 18x8 |
| 10460 | 5" | 5.256 | 152 | 230 | 69 | 18x8 |
| 10461 | 6" | 8.875 | 186 | 285 | 86 | 22x8 |
| 10462 | 8" | 12.283 | 242 | 340 | 106 | 22x8 |



PE flange set / Raccord bride plat PE

| CODE CODE | Ø (Pipe) Ø (Tuyau) | UNIT GROSS WEIGHT | A | B | C | HOLES TROUS |
|-----------|-----------------------|-------------------|-----|-----|-----|-------------|
| 10776 | 63 | 7.100 | 248 | 165 | 89 | 18x4 |
| 10777 | 75 | 7.300 | 252 | 185 | 91 | 18x4 |
| 10778 | 90 | 7.970 | 277 | 200 | 100 | 18x8 |
| 10779 | 110 | 9.808 | 284 | 220 | 102 | 18x8 |
| 10780 | 125 | 10.320 | 352 | 230 | 135 | 18x8 |
| 10781 | 140 | 13.525 | 335 | 250 | 125 | 18x8 |
| 10782 | 160 | 17.750 | 333 | 285 | 122 | 22x8 |
| 10783 | 200 | 24.566 | 355 | 340 | 132 | 22x8 |
| 10784 | 225 | 27.235 | 368 | 340 | 136 | 22x8 |
| 10785 | 250 | 29.446 | 473 | 399 | 180 | 22x12 |
| 10786 | 315 | 31.420 | 581 | 450 | 210 | 22x12 |



Conical flange set / Raccord bride conique

| CODE CODE | Ø (Pipe) Ø (Tuyau) | UNIT GROSS WEIGHT | A | B | C | HOLES TROUS |
|-----------|-----------------------|-------------------|-----|-----|----|-------------|
| 10106 | 90 | 3.985 | 115 | 200 | 51 | 18x8 |
| 10264 | 110 | 4.904 | 136 | 220 | 60 | 18x8 |
| 10265 | 125 | 5.256 | 152 | 230 | 69 | 18x8 |
| 10266 | 140 | 6.131 | 166 | 250 | 76 | 18x8 |
| 10267 | 160 | 8.875 | 186 | 285 | 86 | 22x8 |



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