

VALVOLE A FARFALLA

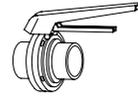
- Ricavate da particolari stampati a caldo e solubilizzati.
- Otturatori ricavati da particolari in acciaio inossidabile AISI 316L, stampati a caldo e solubilizzati, lavorati meccanicamente su tutte le superfici e rettificati sulle parti rotanti.
- Applicazione standard di 2 bussole in PTFE sugli alberi degli otturatori per eliminare l'attrito nelle rotazioni.
- Guarnizioni prodotte con stampaggio a compressione e con elastomeri di ottima qualità. Standard silicone; a richiesta EPDM, FTM, FTM rivestito PTFE, PTFE + silicone.
- Possibilità di intercambiabilità tra le varie unificazioni.
- Ampia gamma di comandi manuali per soddisfare le differenti necessità impiantistiche.
- Semplicità, sicurezza e affidabilità delle manovre.
- Comandi pneumatici orizzontali e verticali a semplice effetto, doppio effetto e di regolazione flusso, corredabili di contatto di prossimità, microinterruttore (elettrico o pneumatico), elettrovalvola (24 V CA, 24 V CC, 48 V CA), connettore.
- Produzione standard: da DN 25 a DN 250.
- Finitura standard: lucidatura esterna e satinatura interna grana 120. Altre finiture a richiesta.
- Max. pressione di esercizio: 7 bar; per guarnizioni in PTFE: 2 bar.

BUTTERFLY VALVES

- Made from press-forged and solution heat-treated blanks.
- Shutters made from press-forged and solution heat-treated AISI 316L stainless steel pieces machined over the entire surface and ground on the revolving parts.
- Standard fitting of two PTFE bushes on the shutter stems to eliminate rotation friction.
- Seal rings compression-pressed from first grade elastomers. Standard silicone. On request EPDM, FTM, PTFE-coated FTM, PTFE + silicone.
- Interchangeability between the different standards available.
- Wide range of manual controls to meet different system requirements.
- Simple, safe and reliable operating.
- Horizontal and vertical single-, double-effect, and modulating pneumatic controls. Can be equipped with proximity contact, microswitch (electric or pneumatic), solenoid valve (24 V AC, 24 V DC, 48 V AC), connector.
- Standard production: from DN 25 to DN 250.
- Standard finish: 120 grain external polishing and internal glazing. Other finishes on request.
- Maximum operating pressure: 7 bars; 2 bars for PTFE seal rings.

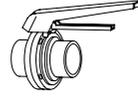
VANNES PAPILLON

- Obtenues à partir de pièces moulées à chaud et solubilisées.
- Obturateurs réalisés à l'aide d'éléments en acier inoxydable AISI 316L moulés à chaud et solubilisés, usinés mécaniquement sur toutes les surfaces et rectifiés sur les parties pivotantes.
- Application standard de 2 douilles en PTFE sur les arbres des obturateurs pour éliminer le frottement dans les rotations.
- Joints moulés sous pression et réalisés avec des élastomères de haute qualité. Standard silicone; sur demande, EPDM, FTM, FTM revêtu PTFE, PTFE + silicone.
- Intercambiabilité possible entre les différents standards.
- Vaste gamme de commandes manuelles pour répondre aux différentes exigences des installations.
- Simplicité, sécurité et fiabilité des manoeuvres.
- Commandes pneumatiques horizontales et verticales à simple effet, double effet et pour le réglage du flux; peuvent être munies de contact de proximité, minirupteur (électrique ou pneumatique), électrovanne (24 V CA, 24 V CC, 48 V CA), connecteur.
- Production standard: de DN 25 à DN 250.
- Finissage standard: polissage extérieur et satinage intérieur grain 120. Autres finissages sur demande.
- Pression d'exploitation maximum: 7 bars; pour les joints en PTFE: 2 bars.

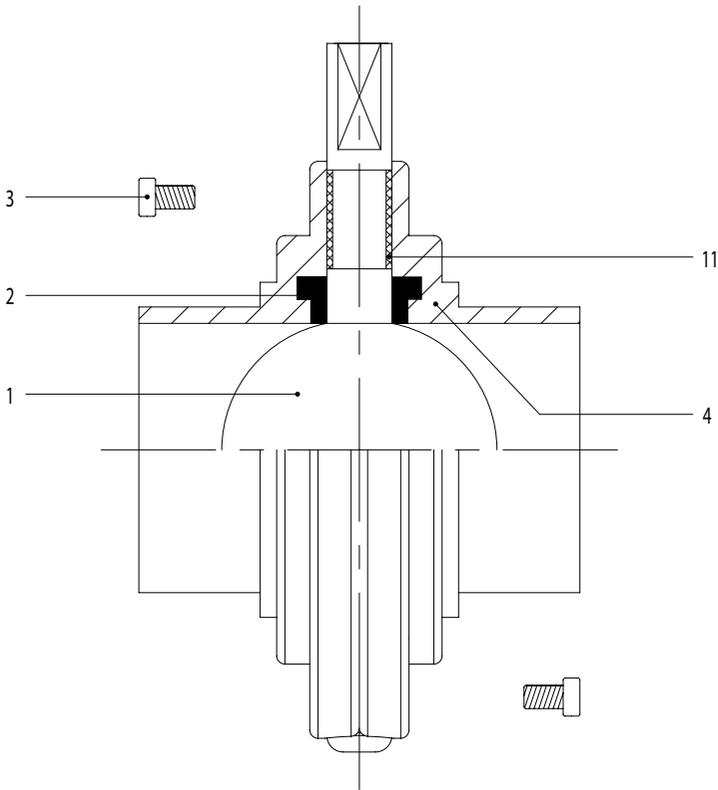


VÁLVULAS DE MARIPOSA

- Obtenidas a partir de piezas estampadas en caliente y solubilizadas.
- Obturadores obtenidos de piezas de acero inoxidable AISI 316L estampadas en caliente y solubilizadas, trabajadas mecánicamente en todas las superficies y rectificadas en las partes giratorias.
- Aplicación estándar de 2 camisas de PTFE en los ejes de los obturadores para eliminar el rozamiento en las rotaciones.
- Juntas producidas mediante estampado bajo compresión y con elastómeros de óptima calidad. Estándar silicona; a pedido, EPDM, FTM, FTM revestido PTFE, PTFE + silicona.
- Posibilidad de intercambio entre las distintas unificaciones.
- Amplia gama de mandos manuales para satisfacer las distintas exigencias de las instalaciones.
- Simplicidad, seguridad y fiabilidad de las maniobras.
- Mandos neumáticos horizontales y verticales de simple efecto, doble efecto y de regulación del flujo que se pueden equipar con microsensor, microrruptor (eléctrico o neumático), electroválvula (24 V CA, 24 V CC, 48 V CA), conector.
- Producción estándar: de DN 25 a DN 250.
- Acabado estándar: pulido exterior y satinado interior grano 120. A pedido, se pueden suministrar otros acabados.
- Máxima presión de ejercicio: 7 bares; para juntas en PTFE: 2 bares.



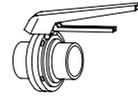
VALVOLA A FARFALLA VANNE PAPILLON
 BUTTERFLY VALVE VÁLVULA DE MARIPOSA



- 1. Otturatore
Butterfly
Papillon
Obturador
- 2. Guarnizione
Seal
Joint
Junta
- 3. Vite
Screw
Vis
Tornillo
- 4. Flangia
Flange
Bride
Brida
- 11. Bussola PTFE
PTFE bush
Douille PTFE
Camisa PTFE

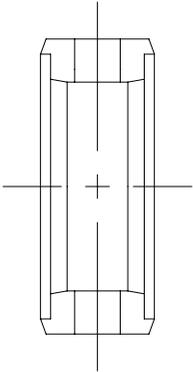
CODIFICAIONE
 CODING
 CODIFICATION
 CODIFICACIÓN

| Pos. | Cod. base | Norme | 1" 25 | D 25 28 | D 32 34 | 1 1/2" 38 | D 40 40 | 2" 51 | D 50 52 | 2 1/2" 63 | D 65 70 | 3" 76 | D 80 85 | 4" 101 | D 100 101 | 4" 104 | D 100 104 | Mat. | Part. o agg. | |
|------|-----------|-------|-------|---------|---------|-----------|---------|--------|---------|-----------|---------|--------|---------|--------|-----------|--------|-----------|---------|--------------|--|
| 1 | 700 | | 25/28 | 25/28 | 34/38 | 34/38 | 40 | 51/52 | 51/52 | 63 | 70/76 | 70/76 | 85 | 101 | 101 | 104 | 104 | 6L | 01 | |
| 2 | 700 | | 25/28 | 25/28 | 34/38 | 34/38 | 40 | 51/52 | 51/52 | 63 | 70/76 | 70/76 | 85 | 101 | 101 | 104 | 104 | S/E/V/T | 02 | |
| 3 | TCC | | 6x12 | 6x12 | 6x12 | 6x12 | 6x12 | 6x12 | 6x12 | 6x12 | 6x12 | 6x12 | 6x12 | 6x12 | 6x12 | 6x12 | 6x12 | 4L | | |
| 4 | 701 | L | 25 | 28 | 34 | 38 | 40 | 51 | 52 | 63 | 70 | 76 | 85 | 101 | 101 | 104 | 104 | 4L/6L | | |
| 11 | 700 | | 25/28 | 25/28 | 34/104 | 34/104 | 34/104 | 34/104 | 34/104 | 34/104 | 34/104 | 34/104 | 34/104 | 34/104 | 34/104 | 34/104 | 34/104 | 34/104 | T | |

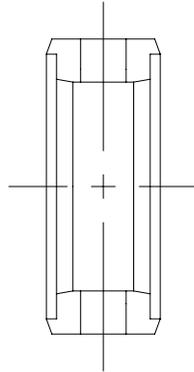


GUARNIZIONI
SEAL RINGS

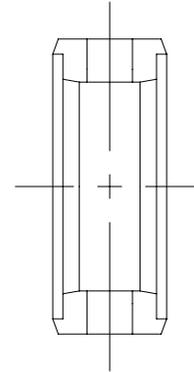
JOINTS
JUNTAS



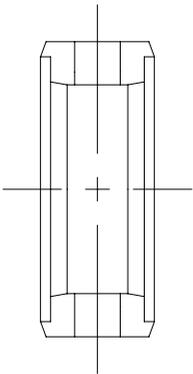
■ SILICONE
-50°C +200°C
-60°F +390°F



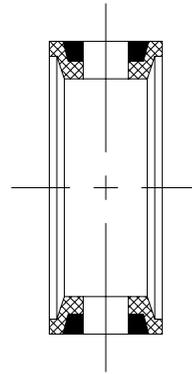
■ EPDM
-30°C +140°C
-20°F +280°F



■ FTM
-15°C +200°C
+5°F +390°F



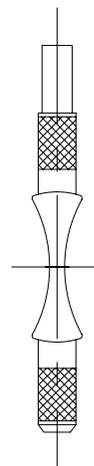
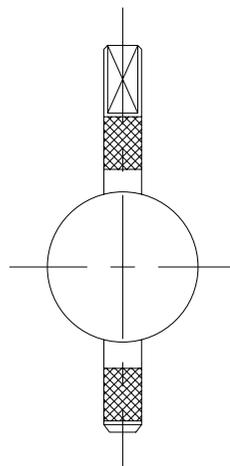
■ FTM
RIVESTITO PTFE
-10°C +200°C
+15°F +390°F

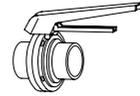


■ PTFE + SILICONE
-10°C +90°C
+15°F +190°F

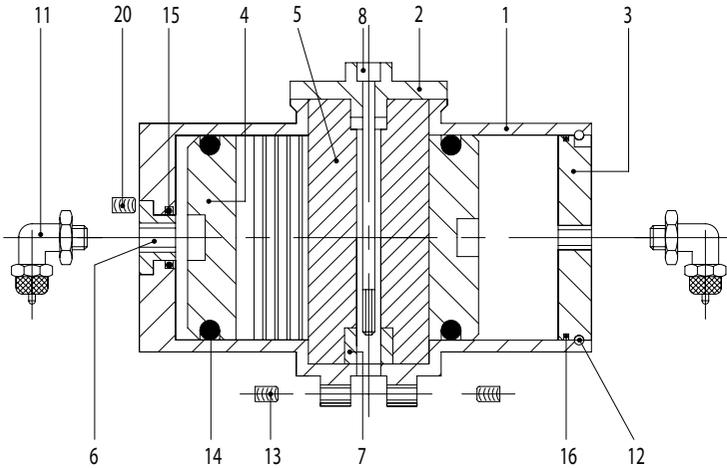
OTTURATORE
BUTTERFLY

PAPILLON
OBTURADOR



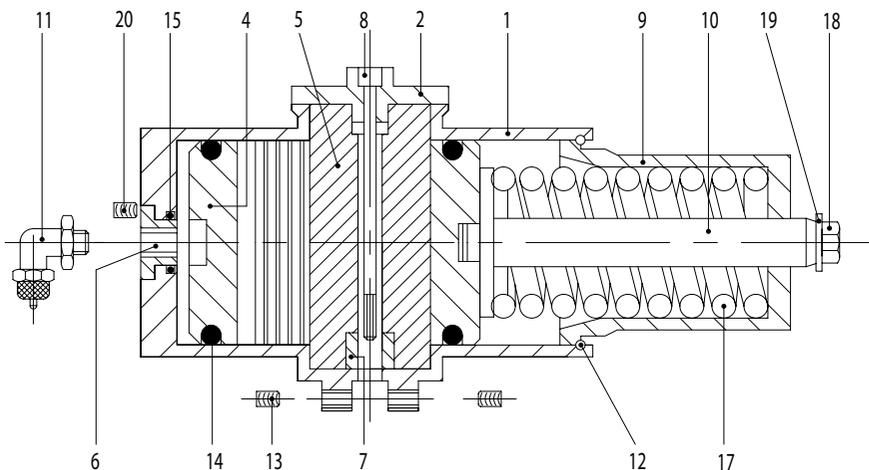


CILINDRO PNEUMATICO DOPPIO EFFETTO
DOUBLE EFFECT PNEUMATIC ACTUATOR
VÉRIN PNEUMATIQUE DOUBLE EFFET
CILINDRO NEUMÁTICO DOBLE EFECTO

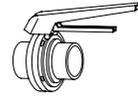


- | | |
|---|---|
| 1. Cilindro Cylinder Cylindre Cilindro | 7. Adattatore otturatore Shutter adapter Adaptateur obturateur Adaptador obturador |
| 2. Tappo Blank Bouchon Tapón | 8. Vite fissaggio otturatore Shutter set screw Vis fixation obturateur Tornillo fijación obturador |
| 3. Flangia Flange Bride Brida | 9. Coperchio molla Spring cover Couvercle ressort Tapa muelle |
| 4. Ingranaggio orizzontale Horizontal gear Engrenage horizontal Engranaje horizontal | 10. Albero portamolla Spring shaft Arbre porte-ressort Eje portamuelle |
| 5. Ingranaggio verticale Vertical gear Engrenage vertical Engranaje vertical | 11. Raccordo aria Air union Raccord air Racor del aire |
| 6. Attacco aria Air inlet Prise air Entrada aire | 12. Anello di bloccaggio Locking ring Bague de blocage Anillo de fijación |

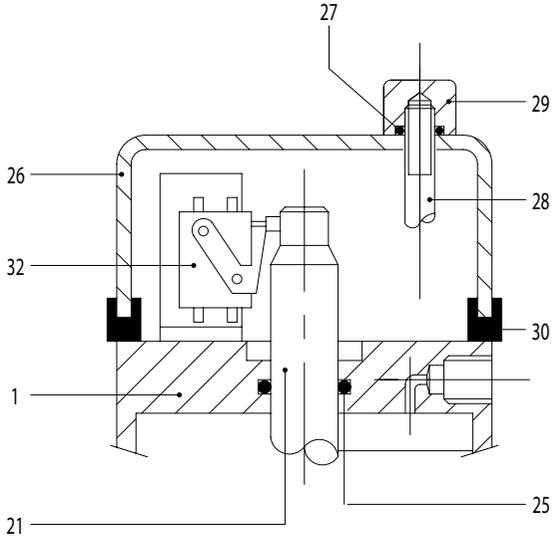
CILINDRO PNEUMATICO SEMPLICE EFFETTO
SIMPLE EFFECT PNEUMATIC ACTUATOR
VÉRIN PNEUMATIQUE SIMPLE EFFET
CILINDRO NEUMÁTICO SIMPLE EFECTO



- | |
|--|
| 14. Anello di tenuta OR OR seal ring Joint torique Junta OR |
| 15. Anello di tenuta OR OR seal ring Joint torique Junta OR |
| 16. Anello di tenuta OR OR seal ring Joint torique Junta OR |
| 17. Molla Spring Ressort Muelle |
| 18. Vite Screw Vis Tornillo |
| 19. Rondella Washer Rondelle Arandela |
| 20. Grano Dowel Cheville Pasador |

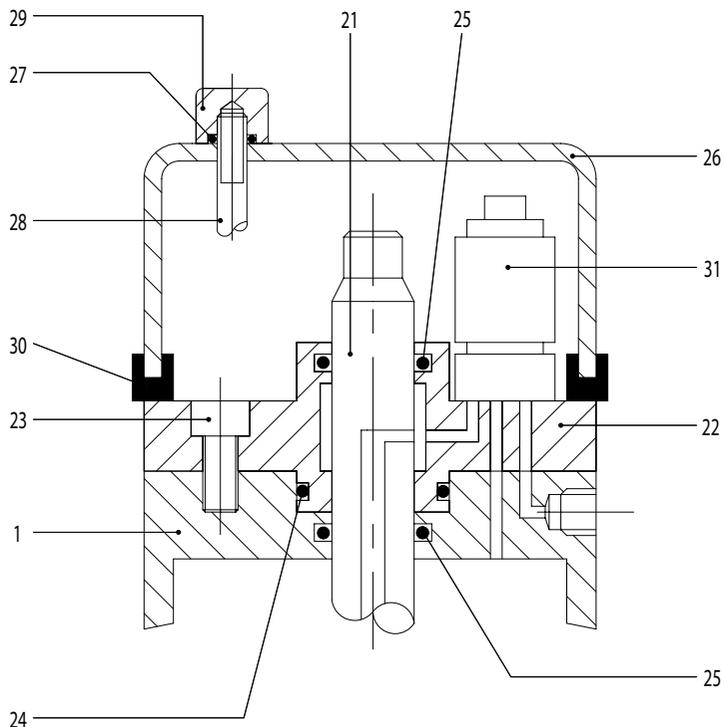


TESTATA CILINDRO COMPLETA DI MICROINTERRUPTORE
CYLINDER HEAD COMPLETE WITH MICROSWITCH
TÊTE DE CYLINDRE MUNIE DE MINIRUPTEUR
CABEZAL DEL CILINDRO DOTADO DE MICRORRUPTOR

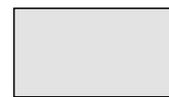
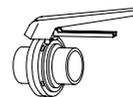


1. Cilindro
Cylinder
Cylindre
Cilindro
21. Perno
Spindle
Came
Perno
22. Distributore aria
Air distributor
Distributeur air
Distribudor aire
23. Vite
Screw
Vis
Tornillo
24. Anello di tenuta OR
OR seal ring
Joint torique
Junta OR
25. Anello di tenuta OR
OR seal ring
Joint torique
Junta OR
26. Cappello
Cap
Capot
Capuchón
27. Anello di tenuta OR
OR seal ring
Joint torique
Junta OR

TESTATA CILINDRO COMPLETA DI ELETTROVALVOLA
CYLINDER HEAD COMPLETE WITH SOLENOID VALVE
TÊTE DE CYLINDRE MUNIE D'ÉLECTROVANNE
CABEZAL DEL CILINDRO DOTADO DE ELECTROVÁLVULA

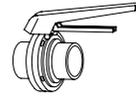


28. Tirante
Tie rod
Tirant
Tirante
29. Dado tirante
Tie rod nut
Écrou tirant
Tuerca tirante
30. Guarnizione cappello
Cap seal
Joint capot
Junta capuchón
31. Elettrovalvola
Solenoid valve
Électrovanne
Electroválvula
32. Microinterruttore
Microswitch
Minirupteur
Microrruptor

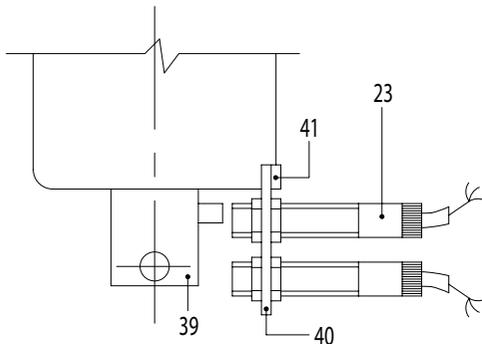
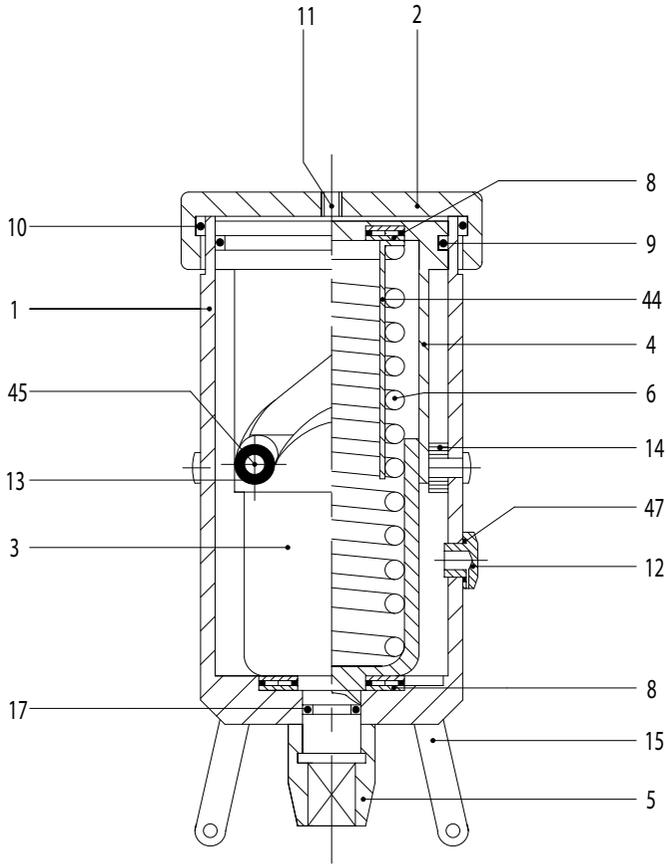


CODIFICAIONE
CODING
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CODIFICACIÓN

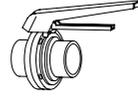
| Pos. | Cod. base | Norme | 1" 25 | D 25 28 | D 32 34 | 1 1/2" 38 | D 40 40 | 2" 51 | D 50 52 | 2 1/2" 63 | D 65 70 | 3" 76 | D 80 85 | 4" 101 | D 100 101 | Mat. | Part. o agg. |
|------|-----------|-------|--------|---------|---------|-----------|---------|--------|---------|-----------|---------|--------|---------|--------|-----------|------|--------------|
| 1 | 7C1 | | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 63/85 | 63/85 | 63/85 | 63/85 | 101 | 101 | 4L | 01 |
| 2 | 7C1 | | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 63/85 | 63/85 | 63/85 | 63/85 | 101 | 101 | 4L | 02 |
| 3 | 7C1 | | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 63/85 | 63/85 | 63/85 | 63/85 | 101 | 101 | 4L | 03 |
| 4 | 7C1 | | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 63/85 | 63/85 | 63/85 | 63/85 | 101 | 101 | A | 04 |
| 5 | 7C1 | | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 63/85 | 63/85 | 63/85 | 63/85 | 101 | 101 | T | 05 |
| 6 | 7C1 | | | | | | | | | | | | | 101 | 101 | 4L | 06 |
| 7 | 7C1 | | 25/85 | 25/85 | 25/85 | 25/85 | 25/85 | 25/85 | 25/85 | 25/85 | 25/85 | 25/85 | 25/85 | 101 | 101 | 4L | 07 |
| 8 | 7C1 | | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 63/85 | 63/85 | 63/85 | 63/85 | 101 | 101 | 4L | 08 |
| 9 | 7C1 | | | | | | | | | 63/85 | 63/85 | 63/85 | 63/85 | 101 | 101 | 4L | 09 |
| 10 | 7C2 | | | | | | | | | 63/85 | 63/85 | 63/85 | 63/85 | 101 | 101 | 4L | 10 |
| 11 | 800 | | 1/8" | 1/8" | 1/8" | 1/8" | 1/8" | 1/8" | 1/8" | 1/8" | 1/8" | 1/8" | 1/8" | 1/8" | 1/8" | OT | |
| 12 | 7C2 | | 63x2 | 63x2 | 63x2 | 63x2 | 63x2 | 63x2 | 63x2 | 76x2 | 76x2 | 76x2 | 76x2 | 88x2 | 88x2 | 4L | |
| 13 | GRA | | 8x10 | 8x10 | 8x10 | 8x10 | 8x10 | 8x10 | 8x10 | 8x10 | 8x10 | 8x10 | 8x10 | 8x10 | 8x10 | 4L | |
| 14 | OR | | 152 | 152 | 152 | 152 | 152 | 152 | 152 | 6237 | 6237 | 6237 | 6237 | 6275 | 6275 | E | |
| 15 | OR | | | | | | | | | | | | | 123 | 123 | E | |
| 16 | OR | | 152 | 152 | 152 | 152 | 152 | 152 | 152 | 4250 | 4250 | 4250 | 4250 | 177 | 177 | E | |
| 17 | 7C2 | | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 63/85 | 63/85 | 63/85 | 63/85 | | | 4L | 17 |
| 18 | TE | | | | | | | | | 10x20 | 10x20 | 10x20 | 10x20 | 10x20 | 10x20 | 4L | |
| 19 | RON | | | | | | | | | 10x2 | 10x2 | 10x2 | 10x2 | 10x2 | 10x2 | 4L | |
| 20 | GRA | | | | | | | | | | | | | 6x10 | 6x10 | 4L | |
| 21 | 7C1 | | | | | | | | | 63/85 | 63/85 | 63/85 | 63/85 | 101 | 101 | 4L | |
| 22 | 7C1 | | | | | | | | | | | | | 101 | 101 | 4L | 22 |
| 23 | TCCE | | | | | | | | | | | | | 6x30 | 6x30 | 4L | |
| 24 | OR | | | | | | | | | | | | | 3081 | 3081 | E | |
| 25 | OR | | | | | | | | | | | | | 123 | 123 | E | |
| 26 | 7C1 | | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 63/85 | 63/85 | 63/85 | 63/85 | 101 | 101 | 4L | 26 |
| 27 | OR | | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | E | |
| 28 | 7C1 | | 25/101 | 25/101 | 25/101 | 25/101 | 25/101 | 25/101 | 25/101 | 25/101 | 25/101 | 25/101 | 25/101 | 25/101 | 25/101 | 4L | 28 |
| 29 | 7C1 | | 25/101 | 25/101 | 25/101 | 25/101 | 25/101 | 25/101 | 25/101 | 25/101 | 25/101 | 25/101 | 25/101 | 25/101 | 25/101 | 4L | 29 |
| 30 | 7C1 | | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 25/52 | 63/85 | 63/85 | 63/85 | 63/85 | 101 | 101 | E | |
| 31 | 015 | | U | U | U | U | U | U | U | U | U | U | U | U | U | | |
| 32 | 014 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |



CILINDRO PNEUMATICO SEMPLICE EFFETTO VERTICALE
SIMPLE EFFECT VERTICAL PNEUMATIC ACTUATOR
VÉRIN PNEUMATIQUE SIMPLE EFFET VERTICALE
CILINDRO NEUMÁTICO SIMPLE EFECTO VERTICAL



- | | |
|--|---|
| 1. Cilindro Cylinder Cylindre Cilindro | 13. Rullino bronzo Bronze roller Molette bronze Rodillo de bronce |
| 2. Tappo Blank Bouchon Tapón | 14. Rullino bronzo Bronze roller Molette bronze Rodillo de bronce |
| 3. Cilindro rotativo Rotary cylinder Cylindre rotatif Cilindro rotativo | 15. Staffa Bracket Bride Estribo |
| 4. Pistone Piston Piston Pistón | 17. Anello di tenuta OR OR seal ring Joint torique Junta OR |
| 5. Adattatore Adapter Adaptateur Adaptador | 23. Contatto di prossimità Proximity contact Contact de proximité Microsensor |
| 6. Molla Spring Ressort Muelle | 39. Adattatore Adapter Adaptateur Adaptador |
| 8. Reggispinta Thrust block Butée Cojinete de empuje | 40. Staffa contatto prossimità Proximity contact bracket Bride contact proximité Estribo del microsensor |
| 9. Anello di tenuta OR OR seal ring Joint torique Junta OR | 41. Vite per staffa Bracket screw Vis de bride Tornillo para estribo |
| 10. Anello di tenuta OR OR seal ring Joint torique Junta OR | 44. Guida molla Spring holder Guide ressort Guia muelle |
| 11. Attacco aria Air inlet Prise air Entrada aire | 45. Perno rullino Roller pin Came molette Perno rodillo |
| 12. Scarico aria Air vent Décharge air Descarga aire | 47. Rondella Washer Rondelle Arandela |

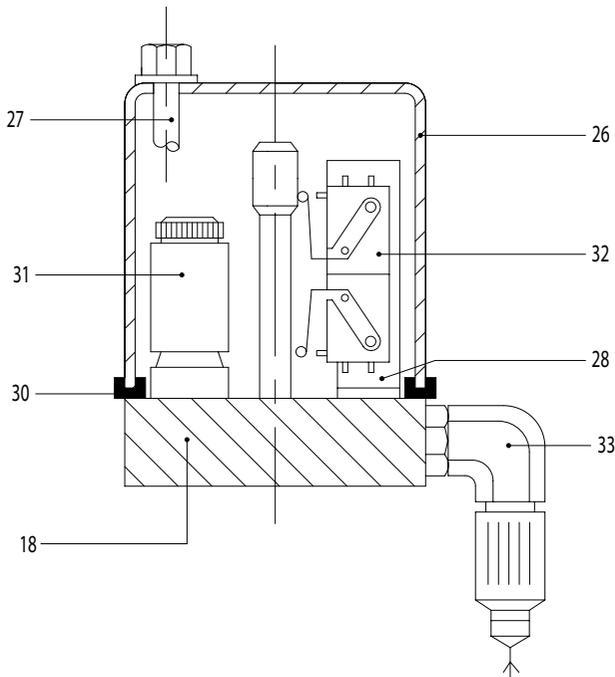


**UNITÀ DI CONTROLLO COMPLETA DI 2
MICROINTERRUTTORI, ELETTROVALVOLA, CONNETTORE**

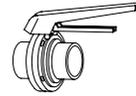
**CONTROL UNIT COMPLETE WITH 2 MICROSWITCHES,
SOLENOID VALVE, CONNECTOR**

**UNITÉ DE CONTRÔLE MUNIE DE 2 MINIRUPTEURS,
ÉLECTROVANNE, CONNECTEUR**

**UNIDAD DE CONTROL DOTADA DE 2 MICRORRUPTORES,
ELECTROVÁLVULA, CONECTOR**



- 18. Base unità di controllo
Control unit base
Base unité de contrôle
Base unidad de control
- 26. Cappello
Cap
Capot
Capuchón
- 27. Tirante
Tie rod
Tirant
Tirante
- 28. Supporto microinterruttore
Microswitch support
Support minirupteur
Soporte microrruptor
- 30. Guarnizione cappello
Cap seal
Joint capot
Junta capuchón
- 31. Elettrovalvola
Solenoid valve
Électrovanne
Electroválvula
- 32. Microinterruttore
Microswitch
Minirupteur
Microrruptor
- 33. Connettore
Connector
Connecteur
Conector

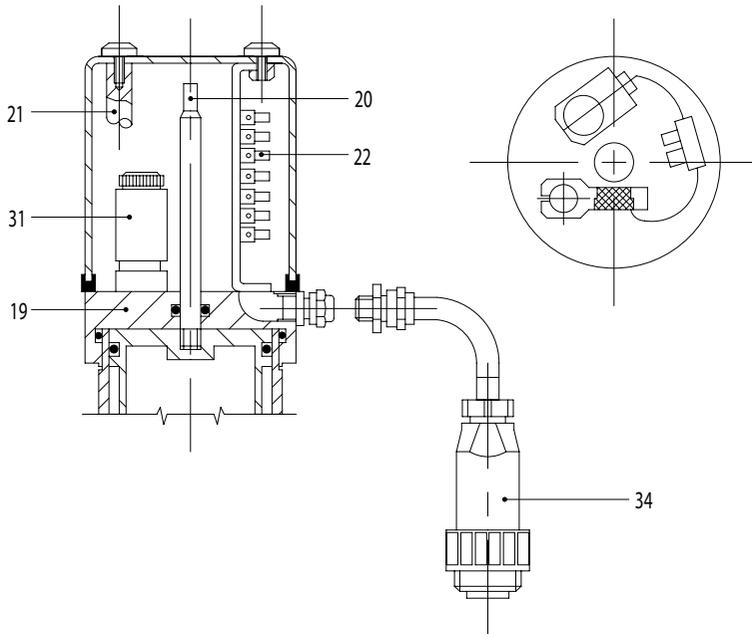


**UNITÀ DI CONTROLLO COMPLETA DI ELETTROVALVOLA
E CONNETTORE**

**CONTROL UNIT COMPLETE WITH SOLENOID VALVE
AND CONNECTOR**

**UNITÉ DE CONTRÔLE MUNIE D'ÉLECTROVANNE
ET DE CONNECTEUR**

**UNIDAD DE CONTROL DOTADA DE ELECTROVÁLVULA
Y CONECTOR**



19. Base unità di controllo
Control unit base
Base unité de contrôle
Base unidad de control

20. Perno
Spindle
Came
Perno

21. Tirante
Tie rod
Tirant
Tirante

22. Morsetti
Terminal strip
Barrette raccordement
Tablero de bornes

24. Contatto di prossimità
Proximity contact
Contact de proximité
Microsensor

25. Supporto contatto di prossimità
Proximity contact support
Support contact de proximité
Soporte microsensor

29. Perno contatto prossimità
Proximity contact pin
Came contact proximité
Perno del microsensor

31. Elettrovalvola
Solenoid valve
Électrovanne
Electroválvula

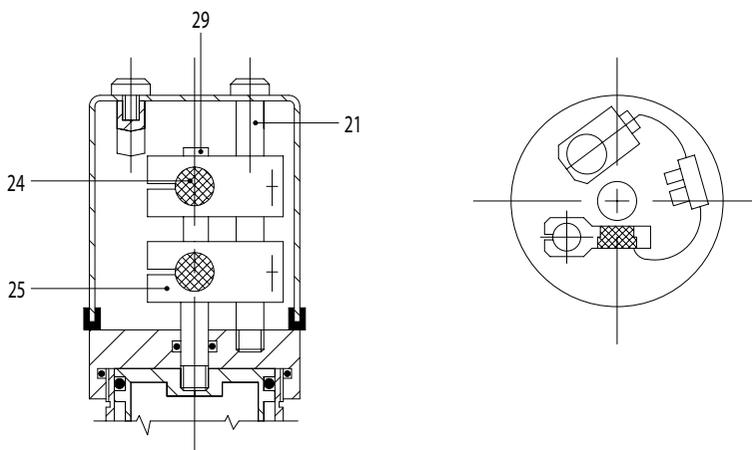
34. Connettore
Connector
Connecteur
Conector

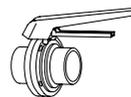
**UNITÀ DI CONTROLLO COMPLETA DI 2
CONTATTI DI PROSSIMITÀ**

**CONTROL UNIT COMPLETE WITH 2
PROXIMITY CONTACTS**

**UNITÉ DE CONTRÔLE MUNIE DE 2
CONTACTS DE PROXIMITÉ**

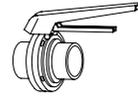
**UNIDAD DE CONTROL DOTADA DE 2
MICROSENSORES**



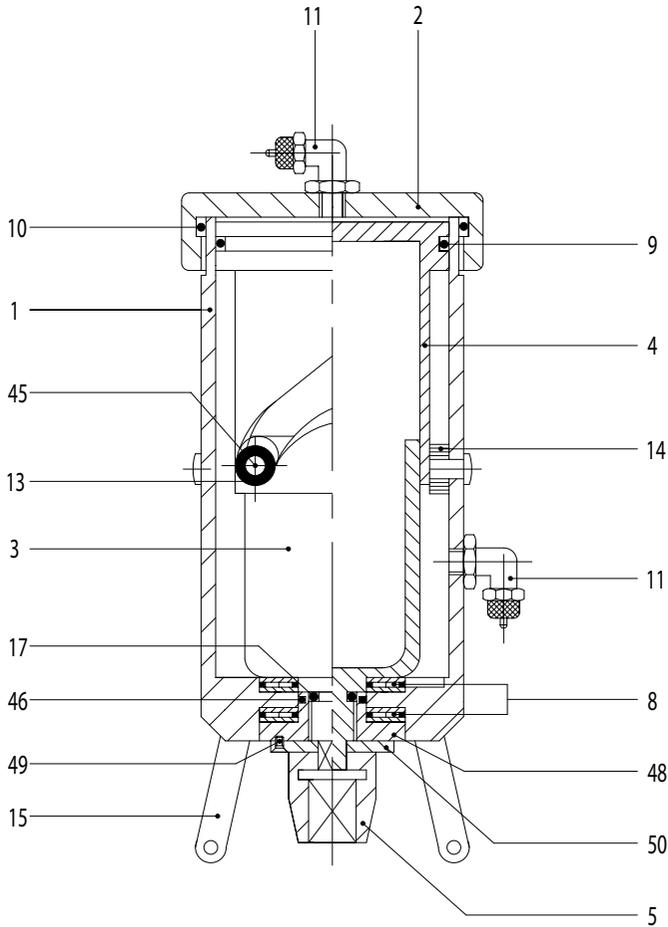


CODIFICAZIONE
CODING
CODIFICATION
CODIFICACIÓN

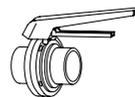
| Pos. | Cod. base | Norme | 1"-2" 25/52 | 2 1/2"-4" 63/101 | Mat. | Part. o agg. |
|------|-----------|-------|----------------|---------------------|------|-----------------|
| 1 | 7C4 | | 25/101 | 25/101 | 4L | 01 |
| 2 | 7C4 | | 25/101 | 25/101 | 4L | 02 |
| 3 | 7C4 | | 25/101 | 25/101 | 4L | 03 |
| 4 | 7C4 | | 25/101 | 25/101 | A | 04 |
| 5 | 7C4 | | 25/101 | 25/101 | 4L | 05 |
| 6 | 7C4 | | 25/101 | 25/101 | 4L | 06 |
| 8 | 7C4 | | 25/101 | 25/101 | AC | 08 |
| 9 | OR | | 6237 | 6237 | E | |
| 10 | OR | | 177 | 177 | E | |
| 11 | 800 | | 1/8" | 1/8" | OT | |
| 12 | 7C4 | | 25/101 | 25/101 | 4 | 14 |
| 13 | RUL | | 14x7 | 14x7 | B | 13 |
| 14 | RUL | | 14x5 | 14x5 | B | 14 |
| 15 | 7C4 | | 25/52 | 63/101 | 4L | 15 |
| 17 | OR | | 117 | 117 | E | |
| 18 | 7C4 | | 25/101 | 25/101 | 4L | 18 |
| 19 | 7C4 | | 25/101 | 25/101 | 4L | 19 |
| 20 | 7C4 | | 25/101 | 25/101 | 4L | 20 |
| 21 | 7C4 | | 25/101 | 25/101 | 4L | 21 |
| 22 | 7C4 | | 25/101 | 25/101 | 4 | 22 |
| 23 | 013 | | O | O | | |
| 24 | 013 | | S | S | | |
| 25 | 013 | | 1S | 1S | | |
| 26 | 7C4 | | 51/52 | 51/52 | 4L | 26 |
| 27 | 7C4 | | 25/101 | 25/101 | 4L | 27 |
| 28 | 014 | | 1S | 1S | | |
| 29 | 7C4 | | 25/101 | 25/101 | 4L | 29 |
| 30 | 800 | | 51/52 | 51/52 | E | 30 |
| 31 | 015 | | U | U | | |
| 32 | 014 | | 1 | 1 | | |
| 33 | 030 | | H | H | | |
| 34 | 030 | | S | S | | |
| 39 | 7C4 | | 25/101 | 25/101 | 4L | 39 |
| 40 | 7C4 | | 25/101 | 25/101 | 4L | 40 |
| 41 | 7C4 | | 6MAx12 | 6MAx12 | 4L | |
| 44 | 7C4 | | 25/101 | 25/101 | 4L | 44 |
| 45 | 7C4 | | 25/101 | 25/101 | 4 | 45 |
| 47 | 7C4 | | 25/101 | 25/101 | N | 47 |



CILINDRO PNEUMATICO DOPPIO EFFETTO VERTICALE
DOUBLE EFFECT VERTICAL PNEUMATIC ACTUATOR
VÉRIN PNEUMATIQUE DOUBLE EFFET VERTICALE
CILINDRO NEUMÁTICO DOBLE EFECTO VERTICAL



- | | |
|--|---|
| 1. Cilindro Cylinder Cylindre Cilindro | 15. Staffa Bracket Bride Estribo |
| 2. Tappo Blank Bouchon Tapón | 17. Anello di tenuta OR OR seal ring Joint torique Junta OR |
| 3. Cilindro rotativo Rotary cylinder Cylindre rotatif Cilindro rotativo | 23. Contatto di prossimità Proximity contact Contact de proximité Microsensor |
| 4. Pistone Piston Piston Pistón | 39. Adattatore Adapter Adaptateur Adaptador |
| 5. Adattatore Adapter Adaptateur Adaptador | 40. Staffa contatto prossimità Proximity contact bracket Bride contact proximité Estribo del microsensor |
| 8. Reggispinta Thrust block Butée Cojinete de empuje | 41. Vite per staffa Bracket screw Vis de bride Tornillo para estribo |
| 9. Anello di tenuta OR OR seal ring Joint torique Junta OR | 45. Perno rullino Roller pin Came molette Perno rodillo |
| 10. Anello di tenuta OR OR seal ring Joint torique Junta OR | 46. Anello di tenuta OR OR seal ring Joint torique Junta OR |
| 11. Raccordo aria Air union Raccord air Racor aire | 48. Ghiera di bloccaggio Locking collar Bague de blocage Tuerca de seguridad |
| 13. Rullino bronzo Bronze roller Molette bronze Rodillo de bronce | 49. Vite Screw Vis Tornillo |
| 14. Rullino bronzo Bronze roller Molette bronze Rodillo de bronce | 50. Disco di chiusura Closing disk Plateau de fermeture Disco de cierre |

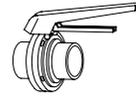


CODIFICAZIONE
CODING
CODIFICATION
CODIFICACIÓN

| Pos. | Cod. base | Norme | 1"-2" 25/52 | 2 1/2"-4" 63/101 | Mat. | Part. o agg. |
|------|-----------|-------|----------------|---------------------|------|-----------------|
| 1 | 7C5 | | 25/101 | 25/101 | 4L | 01 |
| 2 | 7C4 | | 25/101 | 25/101 | 4L | 02 |
| 3 | 7C5 | | 25/101 | 25/101 | 4L | 03 |
| 4 | 7C4 | | 25/101 | 25/101 | A | 04 |
| 5 | 7C4 | | 25/101 | 25/101 | 4L | 05 |
| 8 | 7C4 | | 25/101 | 25/101 | AC | 08 |
| 9 | OR | | 6237 | 6237 | E | |
| 10 | OR | | 177 | 177 | E | |
| 11 | S6522 | | 1/8" | 1/8" | OT | |
| 13 | RUL | | 14x7 | 14x7 | B | 13 |
| 14 | RUL | | 14x5 | 14x5 | B | 14 |
| 15 | 7C4 | | 25/52 | 63/101 | 4L | 15 |
| 17 | OR | | 117 | 117 | E | |
| 23 | 013 | | O | O | | |
| 39 | 7C4 | | 25/101 | 25/101 | 4L | 39 |
| 40 | 7C4 | | 25/101 | 25/101 | 4L | 40 |
| 41 | 7C4 | | 6MAx12 | 6MAx12 | 4L | |
| 45 | 7C4 | | 25/101 | 25/101 | 4 | 45 |
| 46 | OR | | 3081 | 3081 | N | |
| 48 | 7C5 | | 25/101 | 25/101 | 4 | 48 |
| 49 | TSV | | M3x8 | M3x8 | 4L | |
| 50 | 7C5 | | 25/101 | 25/101 | 4 | 50 |



VALVOLE A FARFALLA
BUTTERFLY VALVES
VANNES PAPILLON
VÁLVULAS DE MARIPOSA



PERDITE DI CARICO

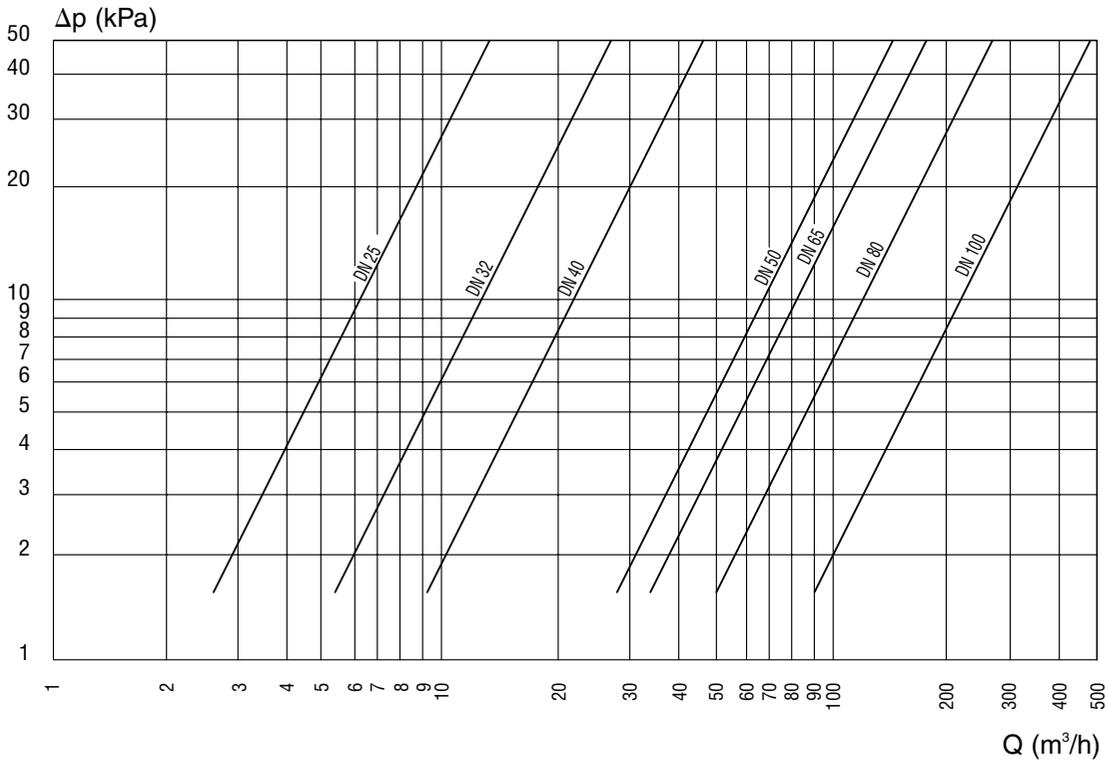
PERTES DE CHARGE

PRESSURE DROP

PÉRDIDA DE CARGA

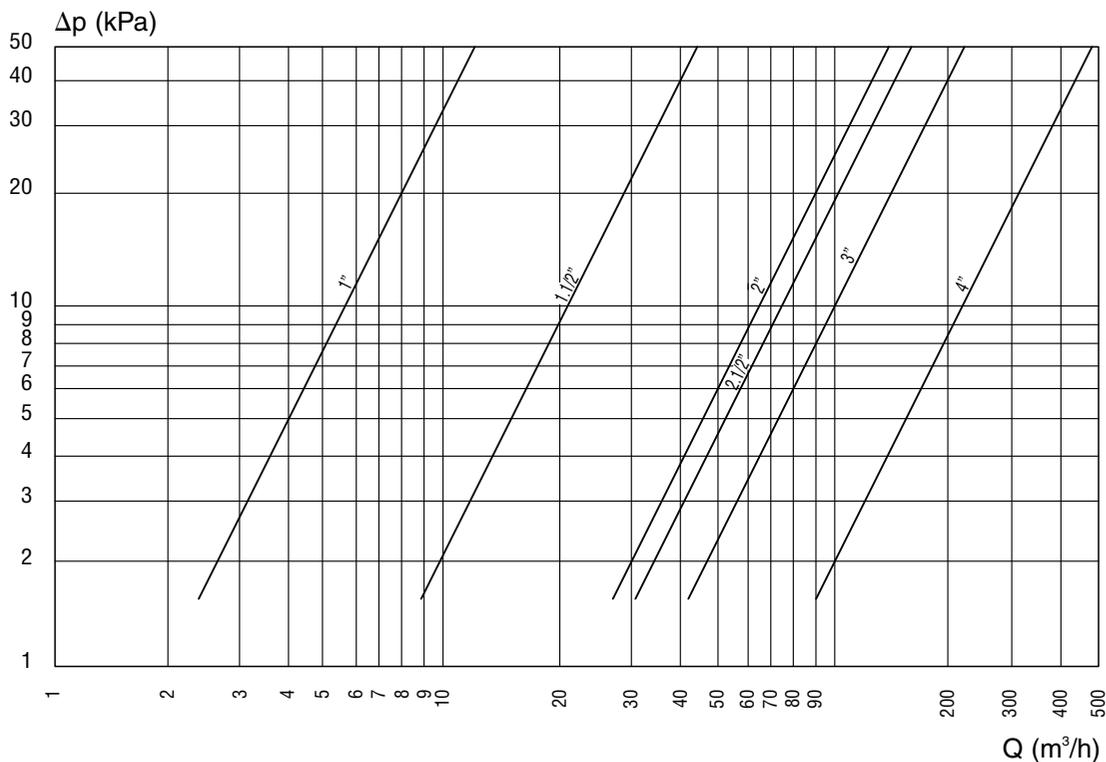
VALVOLE A FARFALLA DIN
DIN BUTTERFLY VALVES

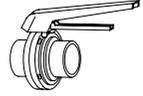
VANNES PAPILLON DIN
VÁLVULAS DE MARIPOSA DIN



VALVOLE A FARFALLA SMS, RJT BS, ISS IDF, CLAMP
SMS, RJT BS, ISS IDF, CLAMP BUTTERFLY VALVES

VANNES PAPILLON SMS, RJT BS, ISS IDF, CLAMP
VÁLVULAS DE MARIPOSA SMS, RJT BS, ISS IDF, CLAMP





SCALA DI TORSIONE

ECHELLE DE TORSION

TORQUE RATINGS

ESCALA DE TORSIÓN

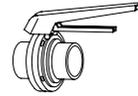
GUARNIZIONE SILICONE

JOINT SILICONE

SILICONE SEAL

JUNTA SILICONE

| Diametro Diameter Diametre Diámetro | Aperta [90°] Open [90°] Ouverte [90°] Abierta [90°] | Chiusa [0°] Closed [0°] Fermée [0°] Cerrada [0°] |
|--|--|---|
| 1" | 1 Nm | 5 Nm |
| 1 1/2" | 1 Nm | 5 Nm |
| 2" | 2 Nm | 17 Nm |
| 2 1/2" | 5 Nm | 28 Nm |
| 3" | 6 Nm | 32 Nm |



VALVOLE A FARFALLA A CERNIERA

- Ricavate da particolari stampati a caldo e solubilizzati.
- Otturatori ricavati da particolari in acciaio inossidabile AISI 316L stampati a caldo e solubilizzati, lavorati meccanicamente su tutte le superfici e rettificati sulle parti rotanti.
- Facilità di accesso durante le operazioni di pulizia.
- Applicazione standard di 2 bussole in PTFE sugli alberi degli otturatori per eliminare l'attrito nelle rotazioni.
- Guarnizioni prodotte con stampaggio a compressione e con elastomeri di ottima qualità. Standard silicone; a richiesta, EPDM, FTM, FTM rivestito PTFE, PTFE + silicone.
- Semplicità, sicurezza e affidabilità delle manovre.
- Finitura standard: lucidatura esterna e satinatura interna grana 120. Altre finiture a richiesta.
- Max. pressione di esercizio: 2 bar.

HINGED BUTTERFLY VALVES

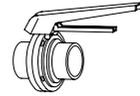
- Made from press-forged and solution heat-treated blanks.
- Shutters made from press-forged and solution heat-treated AISI 316L stainless steel pieces machined over the entire surface and ground on the revolving parts.
- Easy access for cleaning.
- Standard fitting of two PTFE bushes on the shutter stems to eliminate rotation friction.
- Seal rings compression-pressed from first grade elastomers. Standard silicone. On request EPDM, FTM, PTFE-coated FTM, PTFE + silicone.
- Simple, safe and reliable operating.
- Standard finish: 120 grain external polishing and internal glazing. Other finishes on request.
- Maximum operating pressure: 2 bars.

VANNES PAPILLON À CHARNIÈRE

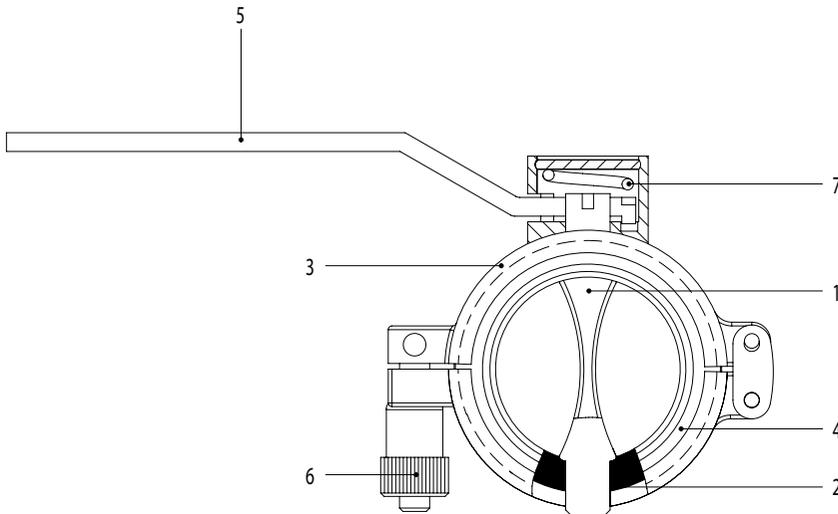
- Obtenues à partir de pièces moulées à chaud et solubilisées.
- Obturateurs réalisés à l'aide d'éléments en acier inoxydable AISI 316L moulés à chaud et solubilisés, usinés mécaniquement sur toutes les surfaces et rectifiés sur les parties pivotantes.
- Simplicité d'accès durant les opérations d'entretien.
- Application standard de 2 douilles en PTFE sur les arbres des obturateurs pour éliminer le frottement dans les rotations.
- Joints moulés sous pression et réalisés avec des élastomères de haute qualité. Standard silicone; sur demande, EPDM, FTM, FTM revêtu PTFE, PTFE + silicone.
- Simplicité, sécurité et fiabilité des manoeuvres.
- Finissage standard: polissage extérieur et satinage intérieur grain 120. Autres finissages sur demande.
- Pression de service maximale: 2 bars.

VÁLVULAS DE MARIPOSA DE CREMALLERA

- Obtenidas a partir de piezas de acero inoxidable AISI 316L estampadas en caliente y solubilizadas.
- Obturadores obtenidos de piezas estampadas en caliente y solubilizadas, trabajadas mecánicamente en todas las superficies y rectificadas en las partes giratorias.
- Facilidad de acceso durante las operaciones de limpieza.
- Aplicación estándar de 2 camisas en PTFE en los ejes de los obturadores para eliminar el rozamiento en las rotaciones.
- Juntas producidas mediante estampado bajo compresión y con elastómeros de óptima calidad. Estándar silicona; a pedido, EPDM, FTM, FTM revestido PTFE, PTFE + silicona.
- Simplicidad, seguridad y fiabilidad de las maniobras.
- Acabado estándar: pulido exterior y satinado interior grano 120. A pedido, se pueden suministrar otros acabados.
- Máxima presión de ejercicio: 2 bares.



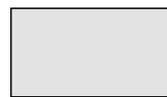
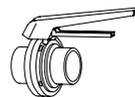
VALVOLA A FARFALLA A CERNIERA
HINGED BUTTERFLY VALVE
VANNE PAPILLON À CHARNIÈRE
VÁLVULA DE MARIPOSA DE CREMALLERA



1. Otturatore
Butterfly
Papillon
Obturador
2. Guarnizione
Seal
Joint
Junta
3. Morsetto
Clamp
Collier
Abrazadera
4. Flangia
Flange
Bride
Brida
5. Maniglia
Handle
Poignée
Maneta
6. Ghiera
Locking ring
Embout
Tuerca
7. Molla
Spring
Ressort
Muelle

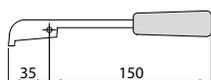
CODIFICAIONE
CODING
CODIFICATION
CODIFICACIÓN

| Pos. | Cod. base | Norme | 2" 51 | Mat. | Part. o agg. |
|------|-----------|-------|-------|---------|--------------|
| 1 | 730 | | 51/52 | 6L | 01 |
| 2 | 700 | | 51/52 | S/E/V/T | 02 |
| 3 | 730 | | 51/52 | 4L | 03 |
| 4 | 730 | L | 51/52 | 4L | 04 |
| 5 | 730 | | 51/52 | 4L | 05 |
| 6 | 730 | | 51/52 | 4L | 06 |
| 7 | 730 | | 51/52 | AC | 07 |



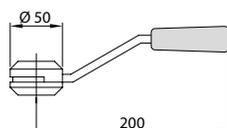
MAN. CON BLOCCAGGIO
HANDLE WITH BLOCKING
POIGNÉE AVEC BLOCAGE
MANETA CON BLOCAJE

7M2



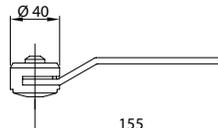
MANIGLIA DI REG. 2 POS.
OPENING HANDLE 2 POS.
POIGNÉE DE REGL. 2 POS.
MANETA DE REGUL. 2 POS.

7M3



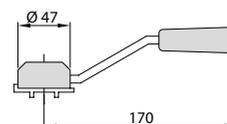
MANIGLIA DI REG. 4 POS.
OPENING HANDLE 4 POS.
POIGNÉE DE REGL. 4 POS.
MANETA DE REGUL. 4 POS.

7M12



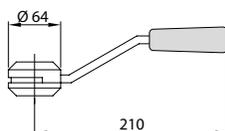
MANIGLIA DI REG. 7 POS.
OPENING HANDLE 7 POS.
POIGNÉE DE REGL. 7 POS.
MANETA DE REGUL. 7 POS.

7M9



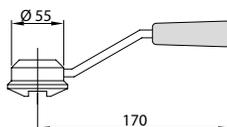
MANIGLIA DI REG. 10 POS.
OPENING HANDLE 10 POS.
POIGNÉE DE REGL. 10 POS.
MANETA DE REGUL. 10 POS.

7M4



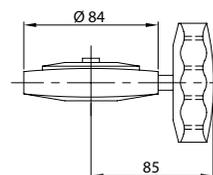
MANIGLIA DI REG. 20 POS.
OPENING HANDLE 20 POS.
POIGNÉE DE REGL. 20 POS.
MANETA DE REGUL. 20 POS.

7M5



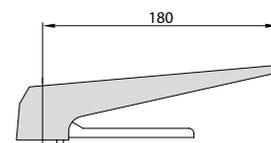
TESTA DI REG. MICROMET.
MICROMETRIC HANDLE
TÊTE MICROMÉTRIQUE
CABEZAL DE REG. MICROM.

7M6



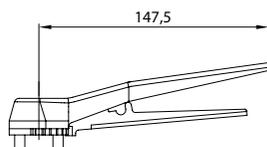
MANIGLIA ABS CON LEVA
ABS HANDLE WITH LEVER
POIGNÉE ABS AVEC LEVIER
MANETA A GATILLO ABS

7M8



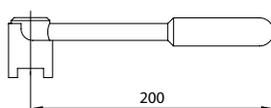
MAN. CON LEVA 7 POS.
H. WITH LEVER 7 POS.
P. AVEC LEVIER 7 POS.
MAN. A GATILLO 7 POS.

7M11



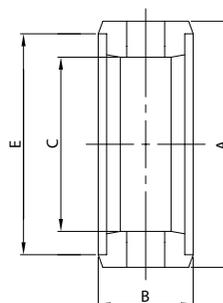
MANIGLIA V. F. 125/254
HANDLE B. V. 125/254
POIGNÉE V. P. 125/254
MANETA V. M. 125/254

7M7

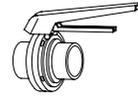


GUARNIZIONE VALVOLA FARFALLA
BUTTERFLY VALVE SEAL RING
JOINT VANNE PAPILLON
JUNTA VÁLVULA MARIPOSA

700 02



| DIAM. | A | B | C | E |
|---------|-------|------|-------|-------|
| 25/28 | 43,6 | 24,0 | 27,6 | 37,0 |
| 34/38 | 52,4 | 25,0 | 35,4 | 45,8 |
| 40 | 55,5 | 25,0 | 38,7 | 48,9 |
| 51/52 | 65,2 | 25,0 | 48,8 | 57,7 |
| 60/63 | 76,2 | 25,0 | 59,2 | 68,6 |
| 70/76 | 88,7 | 27,0 | 69,5 | 81,1 |
| 85 | 99,0 | 27,0 | 79,8 | 91,2 |
| 101/104 | 119,0 | 27,0 | 100,6 | 111,2 |



C. PNEUMATICO DE
PNEUMATIC ACT. DE
VÉ. PNEUMATIQUE DE
CIL. NEUMÁTICO DE

C. PNEUM. DE UN. CONTR.
PNEUM. ACT. DE CONTR. UN.
VÉ. PNEUM. DE UN. CONTR.
CIL. NEUM. DE UN. CONTR.

C. PNEUMATICO SE
PNEUMATIC ACT. SE
VÉ. PNEUMATIQUE SE
CIL. NEUMÁTICO SE

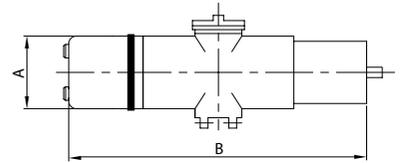
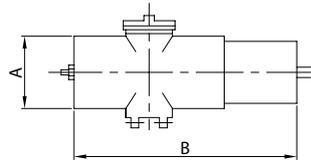
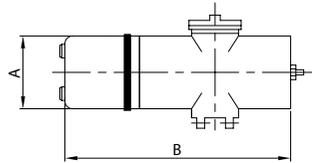
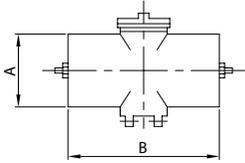
C. PNEUM. SE UN. CONTR.
PNEUM. ACT. SE CONTR. UN.
VÉ. PNEUM. SE UN. CONTR.
CIL. NEUM. SE UN. CONTR.

7C1 L

7C1 UC

7C2 L

7C2 UC



| DN | A | B | gr |
|---------|------|-------|-------|
| 25/52 | 60,0 | 138,5 | 1.460 |
| 63/85 | 76,0 | 161,0 | 2.100 |
| 101/104 | 89,0 | 180,0 | 2.960 |

| DN | A | B | gr |
|---------|------|-------|-------|
| 25/52 | 80,0 | 254,5 | 2.860 |
| 63/85 | 80,0 | 277,0 | 3.500 |
| 101/104 | 89,0 | 302,0 | 4.960 |

| DN | A | B | gr |
|-------|------|-------|-------|
| 25/52 | 76,0 | 240,0 | 2.190 |
| 63/85 | 89,0 | 260,0 | 3.150 |

| DN | A | B | gr |
|-------|------|-------|-------|
| 25/52 | 80,0 | 356,0 | 3.590 |
| 63/85 | 80,0 | 376,0 | 4.550 |

C. PN. DE V. FARF. 129/204
PN. ACT. DE B.V. 129/204
VÉ. PN. DE V. PAP. 129/204
CIL. PN. DE V. MARIP. 129/204

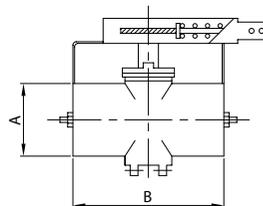
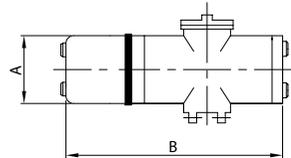
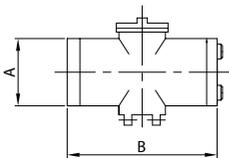
C. PN. U.C. V. FARF. 129/204
PN. ACT. C. UN. B. V. 129/204
VÉ. PN. UN. C. V. PAP. 129/204
CIL. PN. U.C. V. MAR. 129/204

C. PNEUM. REGOL. FLUSSO
REGUL. FLUX PNEUM. ACT.
VÉ. PNEUM. RÉGULATION
CIL. NEUM. REGULACIÓN

7C3

7C3 UC

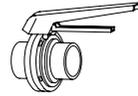
7C1 LM



| DN | A | B | gr |
|---------|------|-------|-------|
| 129/204 | 89,0 | 196,0 | 3.560 |

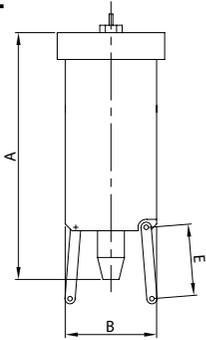
| DN | A | B | gr |
|---------|------|-------|-------|
| 129/204 | 89,0 | 293,0 | 5.560 |

| DN | A | B | gr |
|--------|------|-------|-------|
| 25/104 | 89,0 | 180,0 | 4.160 |



C. PNEUM. SE VERTICALE
PNEUM. ACT. SE VERTICAL
VÉ. PNEUM. SE VERTICALE
CIL. NEUM. SE VERTICAL

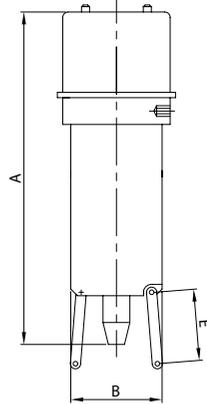
7C4 L



| DN | A | B | E | gr |
|---------|-------|------|------|-------|
| 25/52 | 211,0 | 76,0 | 64,0 | 3.700 |
| 63/85 | 211,0 | 76,0 | 58,0 | 3.700 |
| 101/104 | 211,0 | 76,0 | 61,0 | 3.700 |

C. PNEUM. SE UN. CONTR.
CONTR. UNIT SE PN. ACT.
VÉ. PNEUM. SE UN. CONTR.
CIL. NEUM. SE UN. CONTR.

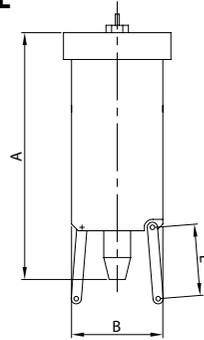
7C4 UC



| DN | A | B | E | gr |
|---------|-------|------|------|-------|
| 25/52 | 316,0 | 76,0 | 64,0 | 3.900 |
| 63/85 | 316,0 | 76,0 | 58,0 | 3.900 |
| 101/104 | 316,0 | 76,0 | 61,0 | 3.900 |

C. PNEUM. DE VERTICALE
PNEUM. ACT. DE VERTICAL
VÉ. PNEUM. DE VERTICALE
CIL. NEUM. DE VERTICAL

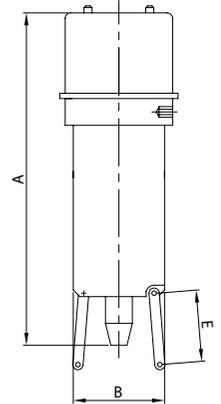
7C5 L



| DN | A | B | E | gr |
|---------|-------|------|------|-------|
| 25/52 | 211,0 | 76,0 | 64,0 | 3.700 |
| 63/85 | 211,0 | 76,0 | 58,0 | 3.700 |
| 101/104 | 211,0 | 76,0 | 61,0 | 3.700 |

C. PNEUM. DE UN. CONTR.
CONTR. UNIT SE PN. ACT.
VÉ. PNEUM. SE UN. CONTR.
CIL. NEUM. SE UN. CONTR.

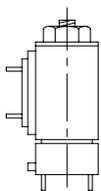
7C5 UC



| DN | A | B | E | gr |
|---------|-------|------|------|-------|
| 25/52 | 316,0 | 76,0 | 64,0 | 3.900 |
| 63/85 | 316,0 | 76,0 | 58,0 | 3.900 |
| 101/104 | 316,0 | 76,0 | 61,0 | 3.900 |

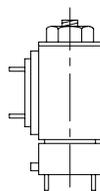
ELETTROVALVOLA NC.
SOLENOID VALVE NC.
ÉLECTROVANNE NF.
ELECTROVÁLVULA NC.

015 NC



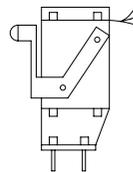
ELETTROVALVOLA NA.
SOLENOID VALVE NO.
ÉLECTROVANNE NO.
ELECTROVÁLVULA NA.

015 NA



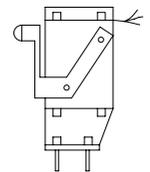
MICROINTERRUTTORE
MICROSWITCH
MINIRUPTEUR
MICRORRUPTOR

014 1



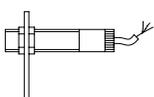
MICROINT. PNEUMATICO
PNEUM. MICROSWITCH
MINIRUPTEUR PNEUM.
MICRORRUPTOR NEUM.

014 2



CONTATTO DI PROSSIMITÀ
PROXIMITY CONTACT
CONTACT DE PROXIMITÉ
MICROSENSOR

013 O



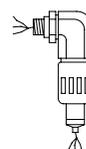
CONTATTO DI PROSSIMITÀ
PROXIMITY CONTACT
CONTACT DE PROXIMITÉ
MICROSENSOR

013 S



CONNETTORE
CONNECTOR
CONNECTEUR
CONECTOR

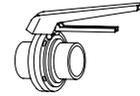
030 H



CONNETTORE
CONNECTOR
CONNECTEUR
CONECTOR

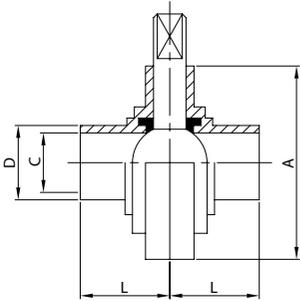
030 S





V. FARFALLA EL./EL.
BUTTERFLY V. PE./PE.
V. PAPILLON BL./BL.
V. MARIPOSA EL./EL.

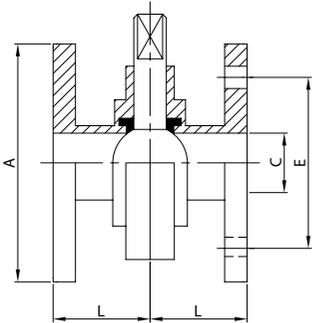
711 L



| DN | A | C | D | L | gr |
|-----|-------|-------|-------|------|--------|
| 28 | 79,0 | 25,0 | 28,0 | 32,0 | 725 |
| 34 | 85,0 | 31,0 | 34,0 | 38,0 | 805 |
| 40 | 92,0 | 37,0 | 40,0 | 38,0 | 990 |
| 52 | 105,0 | 49,0 | 52,0 | 40,0 | 1.270 |
| 70 | 125,0 | 66,0 | 70,0 | 41,0 | 1.755 |
| 85 | 137,0 | 81,0 | 85,0 | 42,0 | 2.300 |
| 101 | 157,0 | 97,6 | 101,6 | 44,0 | 2.300 |
| 104 | 157,0 | 100,0 | 104,0 | 44,0 | 2.300 |
| 129 | 180,0 | 124,0 | 129,0 | 40,0 | 4.900 |
| 154 | 212,0 | 149,0 | 154,0 | 40,0 | 6.200 |
| 204 | 256,0 | 199,0 | 204,0 | 45,0 | 9.300 |
| 254 | 306,0 | 249,0 | 254,0 | 45,0 | 11.900 |

V. FARFALLA FL./FL.
BUTTERFLY V. FL./FL.
V. PAPILLON BR./BR.
V. MARIPOSA BR./BR.

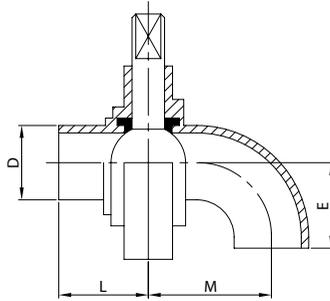
755 L



| DN | A | C | E | L | gr |
|-----|-------|-------|-------|------|-------|
| 28 | 100,0 | 25,0 | 75,0 | 43,5 | 2.025 |
| 34 | 120,0 | 31,0 | 90,0 | 47,5 | 3.000 |
| 40 | 130,0 | 37,0 | 100,0 | 47,5 | 3.490 |
| 52 | 140,0 | 49,0 | 110,0 | 49,5 | 3.970 |
| 70 | 160,0 | 66,0 | 130,0 | 50,5 | 5.155 |
| 85 | 190,0 | 81,0 | 150,0 | 51,5 | 7.600 |
| 101 | 210,0 | 97,6 | 170,0 | 53,5 | 8.840 |
| 104 | 210,0 | 100,0 | 170,0 | 53,5 | 8.840 |

V. FARFALLA EL./CURVA
BUTTERFLY V. PE./BEND
V. PAPILLON BL./COUDE
V. MARIPOSA EL./CURVA

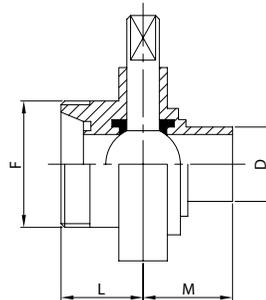
714 L



| DN | D | E | L | M | gr |
|-----|-------|-------|------|-------|-------|
| 28 | 28,0 | 50,0 | 32,0 | 80,0 | 790 |
| 34 | 34,0 | 56,0 | 38,0 | 86,0 | 905 |
| 40 | 40,0 | 67,0 | 38,0 | 97,0 | 1.140 |
| 52 | 52,0 | 72,0 | 40,0 | 102,0 | 1.460 |
| 70 | 70,0 | 85,0 | 41,0 | 115,0 | 2.165 |
| 85 | 85,0 | 98,0 | 42,0 | 128,0 | 2.830 |
| 101 | 101,6 | 110,0 | 44,0 | 140,0 | 3.650 |
| 104 | 104,0 | 110,0 | 44,0 | 140,0 | 3.650 |

V. FARFALLA EF./EL.
BUTTERFLY V. ME./PE.
V. PAPILLON BF./BL.
V. MARIPOSA ER./EL.

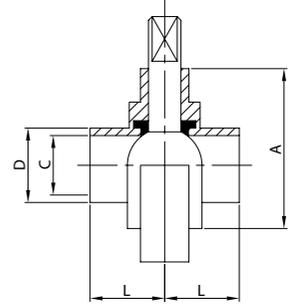
712 D



| DN | D | F | L | M | gr |
|-----|-------|-------|------|------|-------|
| 25 | 28,0 | 52-6 | 32,0 | 32,0 | 845 |
| 32 | 34,0 | 58-6 | 34,0 | 38,0 | 1.015 |
| 40 | 40,0 | 65-6 | 38,0 | 38,0 | 1.220 |
| 50 | 52,0 | 78-6 | 38,0 | 40,0 | 1.570 |
| 65 | 70,0 | 95-6 | 38,0 | 41,0 | 2.000 |
| 80 | 85,0 | 110-4 | 41,5 | 42,0 | 2.750 |
| 100 | 101,6 | 130-4 | 44,0 | 44,0 | 3.390 |
| 104 | 104,0 | 130-4 | 44,0 | 44,0 | 3.390 |

V. FARFALLA ES./ES.
BUTTERFLY V. WE./WE.
V. PAPILLON BS./BS.
V. MARIPOSA ES./ES.

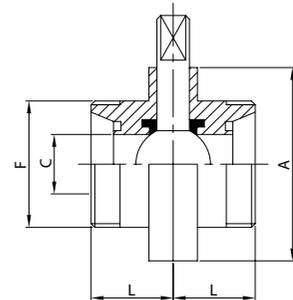
777 L



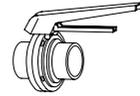
| DN | A | C | D | L | gr |
|-----|-------|-------|-------|------|-------|
| 28 | 79,0 | 25,0 | 28,0 | 30,0 | 700 |
| 34 | 85,0 | 31,0 | 34,0 | 30,0 | 780 |
| 40 | 92,0 | 37,0 | 40,0 | 30,0 | 960 |
| 52 | 105,0 | 49,0 | 52,0 | 30,0 | 1.230 |
| 70 | 125,0 | 66,0 | 70,0 | 30,0 | 1.700 |
| 85 | 137,0 | 81,0 | 85,0 | 30,0 | 2.230 |
| 101 | 157,0 | 97,6 | 101,6 | 30,0 | 2.230 |
| 104 | 157,0 | 100,0 | 104,0 | 30,0 | 2.230 |

V. FARFALLA EF./EF.
BUTTERFLY V. ME./ME.
V. PAPILLON BF./BF.
V. MARIPOSA ER./ER.

722 D

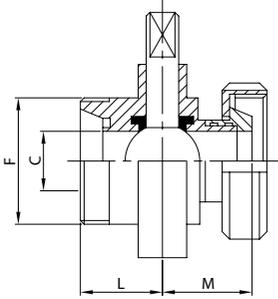


| DN | A | C | F | L | gr |
|-----|-------|-------|-------|------|-------|
| 25 | 79,0 | 25,0 | 52-6 | 32,0 | 965 |
| 32 | 85,0 | 31,0 | 58-6 | 34,0 | 1.225 |
| 40 | 92,0 | 37,0 | 65-6 | 38,0 | 1.450 |
| 50 | 105,0 | 49,0 | 78-6 | 38,0 | 1.870 |
| 65 | 125,0 | 66,0 | 95-6 | 38,0 | 2.255 |
| 80 | 137,0 | 81,0 | 110-4 | 41,5 | 3.200 |
| 100 | 157,0 | 97,6 | 130-4 | 44,0 | 3.940 |
| 104 | 157,0 | 100,0 | 130-4 | 44,0 | 3.940 |



V. FARFALLA EF./BC. G. MT.
BUTTERF. V. ME./TP. N. ED.
V. PAPILLON BF./PC. E. DN.
V. MARIPOSA ER./C. T. MD.

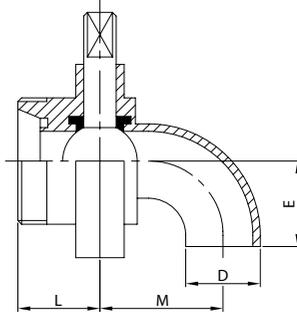
723 D



| DN | C | F | L | M | gr |
|-----|-------|-------|------|------|-------|
| 25 | 25,0 | 52-6 | 34,0 | 41,0 | 1.090 |
| 32 | 31,0 | 58-6 | 34,0 | 45,0 | 1.315 |
| 40 | 37,0 | 65-6 | 38,0 | 44,0 | 1.595 |
| 50 | 49,0 | 78-6 | 38,0 | 46,0 | 2.090 |
| 65 | 66,0 | 95-6 | 38,0 | 48,0 | 2.835 |
| 80 | 81,0 | 110-4 | 41,5 | 51,0 | 3.900 |
| 100 | 97,6 | 130-4 | 44,0 | 53,0 | 5.160 |
| 104 | 100,0 | 130-4 | 44,0 | 53,0 | 5.160 |

V. FARFALLA EF./CURVA
BUTTERFLY V. ME./BEND
V. PAPILLON BF./COUDE
V. MARIPOSA ER./CURVA

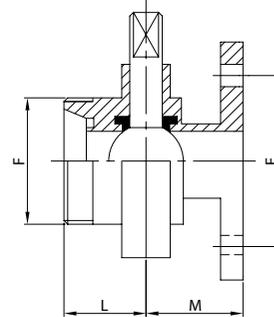
724 D



| DN | D | E | L | M | gr |
|-----|-------|-------|------|-------|-------|
| 25 | 28,0 | 50,0 | 34,0 | 80,0 | 910 |
| 32 | 34,0 | 56,0 | 34,0 | 86,0 | 1.115 |
| 40 | 40,0 | 67,0 | 38,0 | 97,0 | 1.370 |
| 50 | 52,0 | 72,0 | 38,0 | 102,0 | 1.760 |
| 65 | 70,0 | 85,0 | 38,0 | 115,0 | 2.410 |
| 80 | 85,0 | 98,0 | 41,5 | 128,0 | 3.280 |
| 100 | 101,6 | 110,0 | 44,0 | 140,0 | 4.200 |
| 104 | 104,0 | 110,0 | 44,0 | 140,0 | 4.200 |

V. FARFALLA EF./FLANGIA
BUTTERFLY V. ME./FLANGE
V. PAPILLON BF./BRIDE
V. MARIPOSA ER./BRIDA

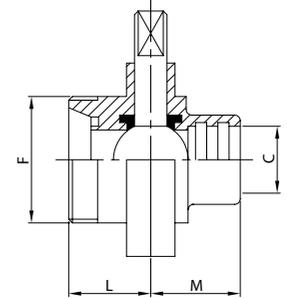
725 D



| DN | E | F | L | M | gr |
|-----|-------|-------|------|------|-------|
| 25 | 75,0 | 52-6 | 34,0 | 43,5 | 1.500 |
| 32 | 90,0 | 58-6 | 34,0 | 47,5 | 2.115 |
| 40 | 100,0 | 65-6 | 38,0 | 47,5 | 2.470 |
| 50 | 110,0 | 78-6 | 38,0 | 49,5 | 2.920 |
| 65 | 130,0 | 95-6 | 38,0 | 50,5 | 3.700 |
| 80 | 150,0 | 110-4 | 41,5 | 51,5 | 5.400 |
| 100 | 170,0 | 130-4 | 44,0 | 53,5 | 6.390 |
| 104 | 170,0 | 130-4 | 44,0 | 53,5 | 6.390 |

V. FARFALLA EF./EM. D.I.
BUTTERFLY V. ME./EE. I.D.
V. PAPILLON BF./BD. D.I.
V. MARIPOSA ER./EM. D.I.

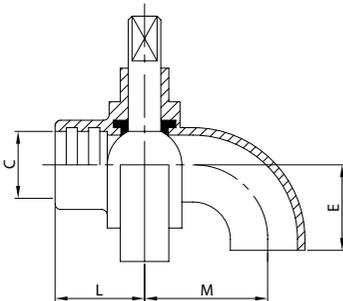
762 D



| DN | C | F | L | M | gr |
|-----|-------|-------|------|------|-------|
| 25 | 28,0 | 52-6 | 34,0 | 29,0 | 965 |
| 32 | 34,0 | 58-6 | 34,0 | 32,0 | 1.225 |
| 40 | 40,0 | 65-6 | 38,0 | 34,0 | 1.450 |
| 50 | 52,0 | 78-6 | 38,0 | 36,0 | 1.870 |
| 65 | 70,0 | 95-6 | 38,0 | 39,0 | 2.255 |
| 80 | 85,0 | 110-4 | 41,5 | 42,0 | 3.200 |
| 100 | 101,6 | 130-4 | 44,0 | 44,0 | 3.940 |
| 104 | 104,0 | 130-4 | 44,0 | 44,0 | 3.940 |

V. FARFALLA EM. D.I./CURVA
BUTTERF. V. EE. I.D./BEND
V. PAPILLON BD. D.I./COUDE
V. MARIPOSA EM. D.I./CURVA

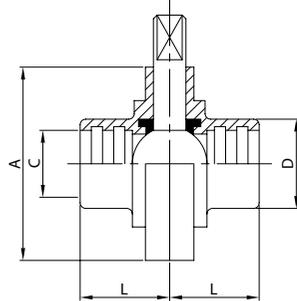
764 D



| DN | C | E | L | M | gr |
|-----|-------|-------|------|-------|-------|
| 25 | 28,0 | 50,0 | 29,0 | 80,0 | 910 |
| 32 | 34,0 | 56,0 | 32,0 | 86,0 | 1.115 |
| 40 | 40,0 | 67,0 | 34,0 | 97,0 | 1.370 |
| 50 | 52,0 | 72,0 | 36,0 | 102,0 | 1.760 |
| 65 | 70,0 | 85,0 | 39,0 | 115,0 | 2.410 |
| 80 | 85,0 | 98,0 | 42,0 | 128,0 | 3.280 |
| 100 | 101,6 | 110,0 | 44,0 | 140,0 | 4.200 |
| 104 | 104,0 | 110,0 | 44,0 | 140,0 | 4.200 |

V. FARFALLA EM./EM. D.I.
BUTTERFLY V. EE./EE. I.D.
V. PAPILLON BD./BD. D.I.
V. MARIPOSA EM./EM. D.I.

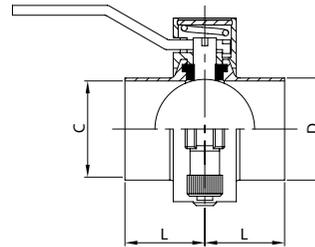
766 D



| DN | A | C | D | L | gr |
|-----|-------|-------|-------|------|-------|
| 25 | 79,0 | 28,0 | 35,0 | 29,0 | 965 |
| 32 | 85,0 | 34,0 | 41,0 | 32,0 | 1.225 |
| 40 | 92,0 | 40,0 | 48,0 | 34,0 | 1.450 |
| 50 | 105,0 | 52,0 | 61,0 | 36,0 | 1.870 |
| 65 | 125,0 | 70,0 | 79,0 | 39,0 | 2.255 |
| 80 | 137,0 | 85,0 | 93,0 | 42,0 | 3.200 |
| 100 | 157,0 | 101,6 | 114,0 | 44,0 | 3.940 |
| 104 | 157,0 | 104,0 | 114,0 | 44,0 | 3.940 |

V. FARF. CERNIERA EL./EL.
HINGED B. V. PE./PE.
V. PAP. CHARNIÈRE BL./BL.
V. M. CREMALLERA EL./EL.

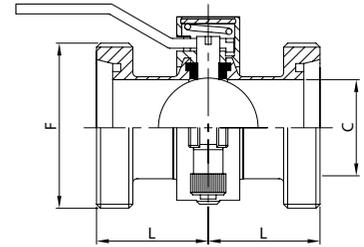
730 L



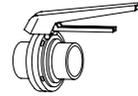
| DN | C | D | L | gr |
|----|------|------|------|-----|
| 52 | 49,0 | 52,0 | 40,0 | 850 |

V. FARF. CERNIERA EF./EF.
HINGED B. V. ME./ME.
V. PAP. CHARNIÈRE BF./BF.
V. M. CREMALLERA ER./ER.

731 D

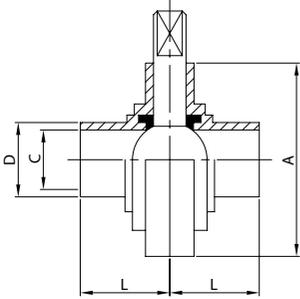


| DN | C | F | L | gr |
|----|------|------|------|-------|
| 50 | 49,0 | 78-6 | 38,0 | 1.100 |



V. FARFALLA EL./EL.
BUTTERFLY V. PE./PE.
V. PAPILLON BL./BL.
V. MARIPOSA EL./EL.

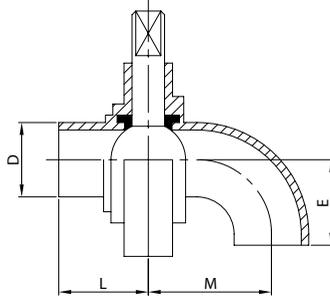
711 L



| DN | A | C | D | L | gr |
|-----|-------|------|-------|------|-------|
| 25 | 79,0 | 22,4 | 25,4 | 34,0 | 725 |
| 38 | 85,0 | 35,1 | 38,1 | 38,0 | 805 |
| 51 | 105,0 | 47,8 | 50,8 | 40,0 | 1.270 |
| 63 | 112,0 | 60,5 | 63,5 | 40,0 | 1.460 |
| 76 | 125,0 | 72,9 | 76,2 | 41,0 | 1.755 |
| 101 | 157,0 | 97,6 | 101,6 | 44,0 | 2.840 |

V. FARFALLA EL./CURVA
BUTTERFLY V. PE./BEND
V. PAPILLON BL./COUDE
V. MARIPOSA EL./CURVA

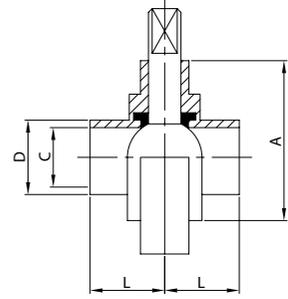
714 L



| DN | D | E | L | M | gr |
|-----|-------|-------|------|-------|-------|
| 25 | 25,4 | 40,0 | 34,0 | 70,0 | 770 |
| 38 | 38,1 | 55,0 | 38,0 | 85,0 | 920 |
| 51 | 50,8 | 75,0 | 40,0 | 105,0 | 1.470 |
| 63 | 63,5 | 85,0 | 40,0 | 115,0 | 1.780 |
| 76 | 76,2 | 85,0 | 41,0 | 115,0 | 2.265 |
| 101 | 101,6 | 110,0 | 44,0 | 140,0 | 3.650 |

V. FARFALLA ES./ES.
BUTTERFLY V. WE./WE.
V. PAPILLON BS./BS.
V. MARIPOSA ES./ES.

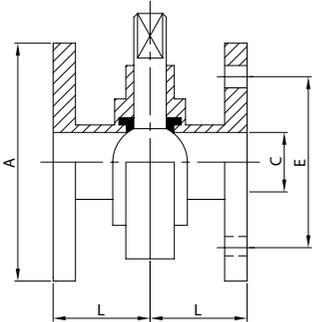
777 L



| DN | A | C | D | L | gr |
|-----|-------|------|-------|------|-------|
| 25 | 79,0 | 22,4 | 25,4 | 30,0 | 700 |
| 38 | 85,0 | 35,1 | 38,1 | 30,0 | 780 |
| 51 | 105,0 | 47,8 | 50,8 | 30,0 | 1.230 |
| 63 | 112,0 | 60,5 | 63,5 | 30,0 | 1.420 |
| 76 | 125,0 | 72,9 | 76,2 | 30,0 | 1.700 |
| 101 | 157,0 | 97,6 | 101,6 | 30,0 | 2.750 |

V. FARFALLA FL./FL.
BUTTERFLY V. FL./FL.
V. PAPILLON BR./BR.
V. MARIPOSA BR./BR.

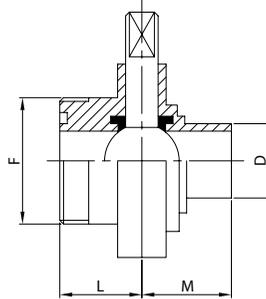
755 L



| DN | A | C | E | L | gr |
|-----|-------|------|-------|------|-------|
| 25 | 100,0 | 22,4 | 75,0 | 43,5 | 2.025 |
| 38 | 120,0 | 35,1 | 90,0 | 47,5 | 3.000 |
| 51 | 140,0 | 47,8 | 110,0 | 49,5 | 3.970 |
| 63 | 160,0 | 60,5 | 130,0 | 49,5 | 4.860 |
| 76 | 190,0 | 72,9 | 150,0 | 50,5 | 5.200 |
| 101 | 210,0 | 97,6 | 170,0 | 53,5 | 8.840 |

V. FARFALLA EF./EL.
BUTTERFLY V. ME./PE.
V. PAPILLON BF./BL.
V. MARIPOSA ER./EL.

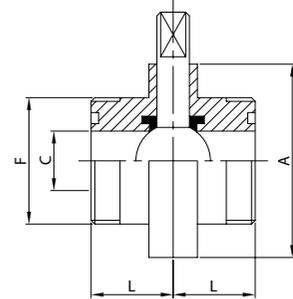
712 S



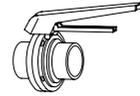
| DN | D | F | L | M | gr |
|-----|-------|-------|------|------|-------|
| 25 | 25,4 | 40-6 | 34,0 | 34,0 | 805 |
| 38 | 38,1 | 60-6 | 38,0 | 38,0 | 1.085 |
| 51 | 50,8 | 70-6 | 40,0 | 40,0 | 1.480 |
| 63 | 63,5 | 85-6 | 40,0 | 40,0 | 1.780 |
| 76 | 76,2 | 98-6 | 41,0 | 41,0 | 2.255 |
| 101 | 101,6 | 132-6 | 44,0 | 44,0 | 3.390 |

V. FARFALLA EF./EF.
BUTTERFLY V. ME./ME.
V. PAPILLON BF./BF.
V. MARIPOSA ER./ER.

722 S

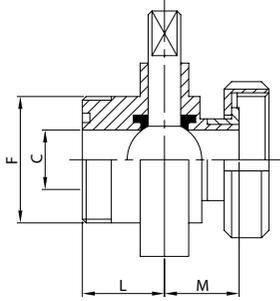


| DN | A | C | F | L | gr |
|-----|-------|------|-------|------|-------|
| 25 | 79,0 | 22,4 | 40-6 | 34,0 | 885 |
| 38 | 85,0 | 35,1 | 60-6 | 38,0 | 1.365 |
| 51 | 105,0 | 47,8 | 70-6 | 40,0 | 1.690 |
| 63 | 112,0 | 60,5 | 85-6 | 40,0 | 2.100 |
| 76 | 125,0 | 72,9 | 98-6 | 41,0 | 2.755 |
| 101 | 157,0 | 97,6 | 132-6 | 44,0 | 3.940 |



V. FARFALLA EF./BL. G. MT.
BUTTERFLY V. ME./L. N. ED.
V. PAPILLON BF./PL. E. DN.
V. MARIPOSA ER./C. T. MD.

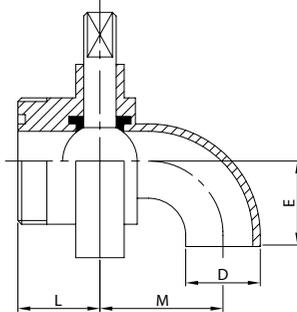
723 S



| DN | C | F | L | M | gr |
|-----|------|-------|------|------|-------|
| 25 | 22,4 | 40-6 | 34,0 | 34,0 | 960 |
| 38 | 35,1 | 60-6 | 38,0 | 38,0 | 1.475 |
| 51 | 47,8 | 70-6 | 40,0 | 40,0 | 1.915 |
| 63 | 60,5 | 85-6 | 40,0 | 40,0 | 2.490 |
| 76 | 72,9 | 98-6 | 41,0 | 41,0 | 3.205 |
| 101 | 97,6 | 132-6 | 44,0 | 44,0 | 5.110 |

V. FARFALLA EF./CURVA
BUTTERFLY V. ME./BEND
V. PAPILLON BF./COUDE
V. MARIPOSA ER./CURVA

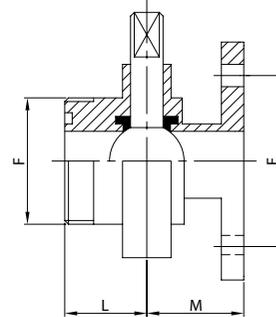
724 S



| DN | D | E | L | M | gr |
|-----|-------|-------|------|-------|-------|
| 25 | 25,4 | 40,0 | 34,0 | 70,0 | 850 |
| 38 | 38,1 | 55,0 | 38,0 | 85,0 | 1.200 |
| 51 | 50,8 | 75,0 | 40,0 | 105,0 | 1.680 |
| 63 | 63,5 | 85,0 | 40,0 | 115,0 | 2.100 |
| 76 | 76,2 | 85,0 | 41,0 | 115,0 | 2.765 |
| 101 | 101,6 | 110,0 | 44,0 | 140,0 | 4.200 |

V. FARFALLA EF./FLANGIA
BUTTERFLY V. ME./FLANGE
V. PAPILLON BF./BRIDE
V. MARIPOSA ER./BRIDA

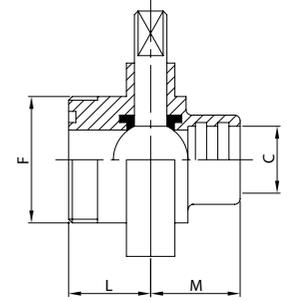
725 S



| DN | E | F | L | M | gr |
|-----|-------|-------|------|------|-------|
| 25 | 75,0 | 40-6 | 34,0 | 43,5 | 1.455 |
| 38 | 90,0 | 60-6 | 38,0 | 47,5 | 2.185 |
| 51 | 110,0 | 70-6 | 40,0 | 49,5 | 2.830 |
| 63 | 130,0 | 85-6 | 40,0 | 49,5 | 3.480 |
| 76 | 150,0 | 98-6 | 41,0 | 50,5 | 3.980 |
| 101 | 170,0 | 132-6 | 44,0 | 53,5 | 6.390 |

V. FARFALLA EF./EM. D.I.
BUTTERFLY V. ME./EE. I.D.
V. PAPILLON BF./BD. D.I.
V. MARIPOSA ER./EM. D.I.

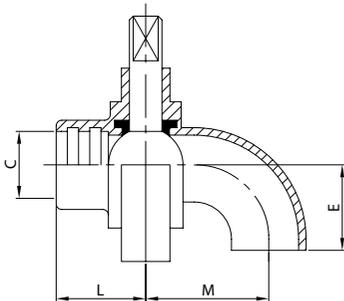
762 S



| DN | C | F | L | M | gr |
|-----|-------|-------|------|------|-------|
| 25 | 25,4 | 40-6 | 34,0 | 34,0 | 885 |
| 38 | 38,1 | 60-6 | 38,0 | 38,0 | 1.365 |
| 51 | 50,8 | 70-6 | 40,0 | 40,0 | 1.690 |
| 63 | 63,5 | 85-6 | 40,0 | 40,0 | 2.100 |
| 76 | 76,2 | 98-6 | 41,0 | 41,0 | 2.755 |
| 101 | 101,6 | 132-6 | 44,0 | 44,0 | 3.940 |

V. FARFALLA EM. D.I./CURVA
BUTTERFLY V. EE. I.D./BEND
V. PAPILLON BD. D.I./COUDE
V. MARIPOSA EM. D.I./CURVA

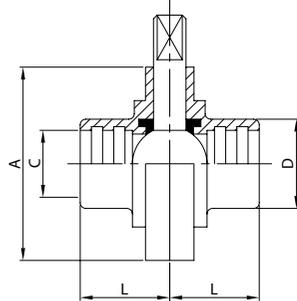
764 S



| DN | C | E | L | M | gr |
|-----|-------|-------|------|-------|-------|
| 25 | 25,4 | 40,0 | 34,0 | 70,0 | 850 |
| 38 | 38,1 | 55,0 | 38,0 | 85,0 | 1.200 |
| 51 | 50,8 | 75,0 | 40,0 | 105,0 | 1.680 |
| 63 | 63,5 | 85,0 | 40,0 | 115,0 | 2.100 |
| 76 | 76,2 | 85,0 | 41,0 | 115,0 | 2.765 |
| 101 | 101,6 | 110,0 | 44,0 | 140,0 | 4.200 |

V. FARFALLA EM./EM. D.I.
BUTTERFLY V. EE./EE. I.D.
V. PAPILLON BD./BD. D.I.
V. MARIPOSA EM./EM. D.I.

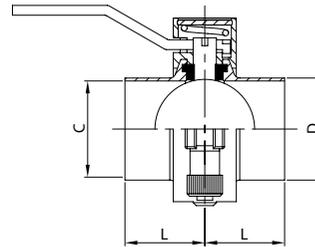
766 S



| DN | A | C | D | L | gr |
|-----|-------|-------|-------|------|-------|
| 25 | 79,0 | 25,4 | 32,0 | 34,0 | 885 |
| 38 | 85,0 | 38,1 | 48,0 | 38,0 | 1.365 |
| 51 | 105,0 | 50,8 | 61,0 | 40,0 | 1.690 |
| 63 | 112,0 | 63,5 | 73,5 | 40,0 | 2.100 |
| 76 | 125,0 | 76,2 | 86,0 | 41,0 | 2.755 |
| 101 | 157,0 | 101,6 | 116,0 | 44,0 | 3.940 |

V. FARF. CERNIERA EL./EL.
HINGED B. V. PE./PE.
V. PAP. CHARNIÈRE BL./BL.
V. M. CREMALLERA EL./EL.

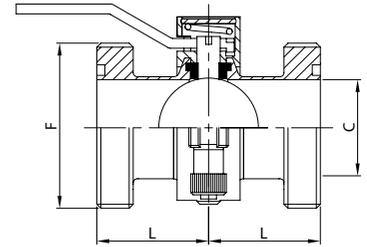
730 L



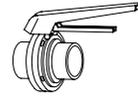
| DN | C | D | L | gr |
|----|------|------|------|-----|
| 51 | 47,8 | 50,8 | 40,0 | 850 |

V. FARF. CERNIERA EF./EF.
HINGED B. V. ME./ME.
V. PAP. CHARNIÈRE BF./BF.
V. M. CREMALLERA ER./ER.

731 S

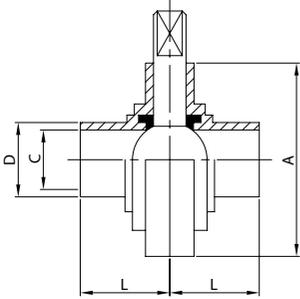


| DN | C | F | L | gr |
|----|------|------|------|-------|
| 51 | 47,8 | 70-6 | 45,0 | 1.050 |



V. FARFALLA EL./EL.
BUTTERFLY V. PE./PE.
V. PAPILLON BL./BL.
V. MARIPOSA EL./EL.

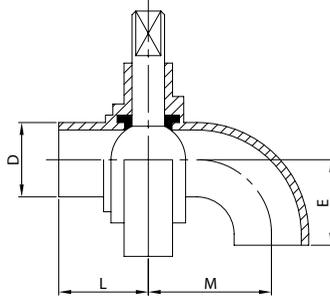
711 L



| DN | A | C | D | L | gr |
|-----|-------|------|-------|------|-------|
| 25 | 79,0 | 22,4 | 25,4 | 34,0 | 725 |
| 38 | 85,0 | 35,1 | 38,1 | 38,0 | 805 |
| 51 | 105,0 | 47,8 | 50,8 | 40,0 | 1.270 |
| 63 | 112,0 | 60,5 | 63,5 | 40,0 | 1.460 |
| 76 | 125,0 | 72,9 | 76,2 | 41,0 | 1.755 |
| 101 | 157,0 | 97,6 | 101,6 | 44,0 | 2.840 |

V. FARFALLA EL./CURVA
BUTTERFLY V. PE./BEND
V. PAPILLON BL./COUDE
V. MARIPOSA EL./CURVA

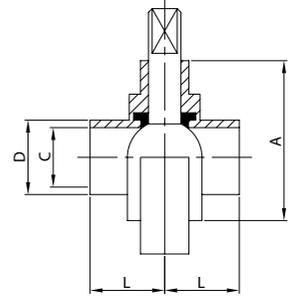
714 L



| DN | D | E | L | M | gr |
|-----|-------|-------|------|-------|-------|
| 25 | 25,4 | 40,0 | 34,0 | 70,0 | 770 |
| 38 | 38,1 | 55,0 | 38,0 | 85,0 | 920 |
| 51 | 50,8 | 75,0 | 40,0 | 105,0 | 1.470 |
| 63 | 63,5 | 85,0 | 40,0 | 115,0 | 1.780 |
| 76 | 76,2 | 85,0 | 41,0 | 115,0 | 2.265 |
| 101 | 101,6 | 110,0 | 44,0 | 140,0 | 3.650 |

V. FARFALLA ES./ES.
BUTTERFLY V. WE./WE.
V. PAPILLON BS./BS.
V. MARIPOSA ES./ES.

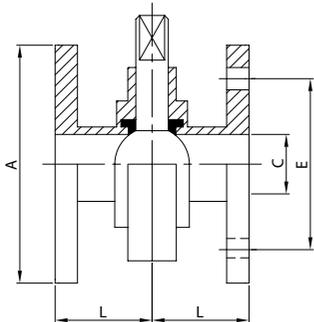
777 L



| DN | A | C | D | L | gr |
|-----|-------|------|-------|------|-------|
| 25 | 79,0 | 22,4 | 25,4 | 30,0 | 700 |
| 38 | 85,0 | 35,1 | 38,1 | 30,0 | 780 |
| 51 | 105,0 | 47,8 | 50,8 | 30,0 | 1.230 |
| 63 | 112,0 | 60,5 | 63,5 | 30,0 | 1.420 |
| 76 | 125,0 | 72,9 | 76,2 | 30,0 | 1.700 |
| 101 | 157,0 | 97,6 | 101,6 | 30,0 | 2.750 |

V. FARFALLA FL./FL.
BUTTERFLY V. FL./FL.
V. PAPILLON BR./BR.
V. MARIPOSA BR./BR.

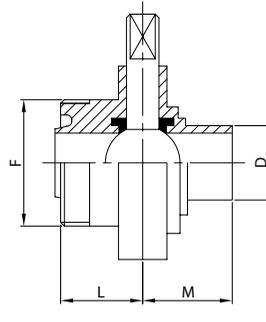
755 L



| DN | A | C | E | L | gr |
|-----|-------|------|-------|------|-------|
| 25 | 100,0 | 22,4 | 75,0 | 43,5 | 2.025 |
| 38 | 120,0 | 35,1 | 90,0 | 47,5 | 3.000 |
| 51 | 140,0 | 47,8 | 110,0 | 49,5 | 3.970 |
| 63 | 160,0 | 60,5 | 130,0 | 49,5 | 4.860 |
| 76 | 190,0 | 72,9 | 150,0 | 50,5 | 5.200 |
| 101 | 210,0 | 97,6 | 170,0 | 53,5 | 8.840 |

V. FARFALLA EF./EL.
BUTTERFLY V. ME./PE.
V. PAPILLON BF./BL.
V. MARIPOSA ER./EL.

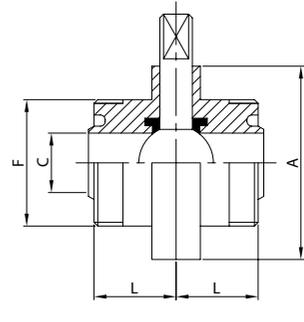
712 B



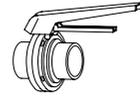
| DN | D | F | L | M | gr |
|-----|-------|-------|------|------|-------|
| 25 | 25,4 | 46-8 | 34,0 | 34,0 | 845 |
| 38 | 38,1 | 58-8 | 38,0 | 38,0 | 1.035 |
| 51 | 50,8 | 73-6 | 40,0 | 40,0 | 1.580 |
| 63 | 63,5 | 85-6 | 40,0 | 40,0 | 1.880 |
| 76 | 76,2 | 98-6 | 41,0 | 41,0 | 2.255 |
| 101 | 101,6 | 123-6 | 44,0 | 44,0 | 3.540 |

V. FARFALLA EF./EF.
BUTTERFLY V. ME./ME.
V. PAPILLON BF./BF.
V. MARIPOSA ER./ER.

722 B

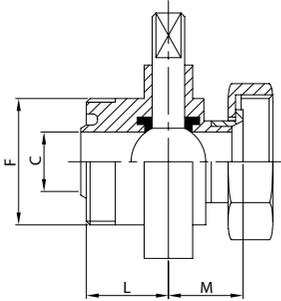


| DN | A | C | F | L | gr |
|-----|-------|------|-------|------|-------|
| 25 | 79,0 | 22,4 | 46-8 | 34,0 | 965 |
| 38 | 85,0 | 35,1 | 58-8 | 38,0 | 1.265 |
| 51 | 105,0 | 47,8 | 73-6 | 40,0 | 1.890 |
| 63 | 112,0 | 60,5 | 85-6 | 40,0 | 2.300 |
| 76 | 125,0 | 72,9 | 98-6 | 41,0 | 2.755 |
| 101 | 157,0 | 97,6 | 123-6 | 44,0 | 4.240 |



V. FARFALLA EF./BL. G. MT.
BUTTERFLY V. ME./L. N. ED.
V. PAPILLON BF./PL. E. DN.
V. MARIPOSA ER./C. T. MD.

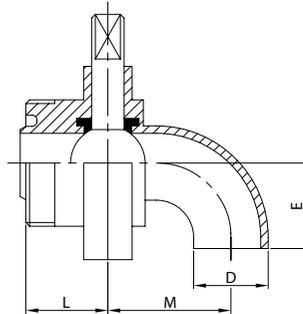
723 B



| DN | C | F | L | M | gr |
|-----|------|-------|------|------|-------|
| 25 | 22,4 | 46-8 | 34,0 | 39,5 | 1.030 |
| 38 | 35,1 | 53-8 | 38,0 | 43,5 | 1.330 |
| 51 | 47,8 | 73-6 | 40,0 | 45,5 | 1.990 |
| 63 | 60,5 | 85-6 | 40,0 | 45,5 | 2.530 |
| 76 | 72,9 | 98-6 | 41,0 | 46,5 | 2.965 |
| 101 | 97,6 | 123-6 | 44,0 | 49,5 | 4.450 |

V. FARFALLA EF./CURVA
BUTTERFLY V. ME./BEND
V. PAPILLON BF./COUDE
V. MARIPOSA ER./CURVA

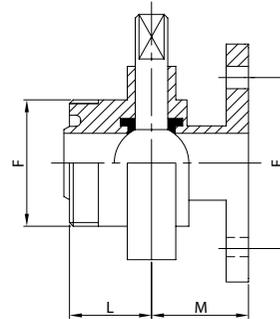
724 B



| DN | D | E | L | M | gr |
|-----|-------|-------|------|-------|-------|
| 25 | 25,4 | 40,0 | 34,0 | 70,0 | 890 |
| 38 | 38,1 | 55,0 | 38,0 | 85,0 | 1.150 |
| 51 | 50,8 | 75,0 | 40,0 | 105,0 | 1.780 |
| 63 | 63,5 | 85,0 | 40,0 | 115,0 | 2.200 |
| 76 | 76,2 | 85,0 | 41,0 | 115,0 | 2.765 |
| 101 | 101,6 | 110,0 | 44,0 | 140,0 | 4.350 |

V. FARFALLA EF./FLANGIA
BUTTERFLY V. ME./FLANGE
V. PAPILLON BF./BRIDE
V. MARIPOSA ER./BRIDA

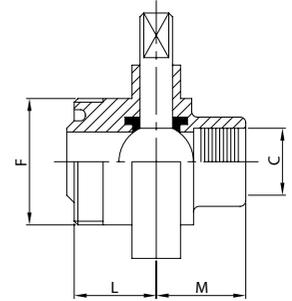
725 B



| DN | E | F | L | M | gr |
|-----|-------|-------|------|------|-------|
| 25 | 75,0 | 46-8 | 34,0 | 43,5 | 1.495 |
| 38 | 90,0 | 53-8 | 38,0 | 47,5 | 2.135 |
| 51 | 110,0 | 73-6 | 40,0 | 49,5 | 2.930 |
| 63 | 130,0 | 85-6 | 40,0 | 49,5 | 3.580 |
| 76 | 150,0 | 98-6 | 41,0 | 50,5 | 3.980 |
| 101 | 170,0 | 123-6 | 44,0 | 53,5 | 6.540 |

V. FARFALLA EF./EM. D.I.
BUTTERFLY V. ME./EE. I.D.
V. PAPILLON BF./BD. D.I.
V. MARIPOSA ER./EM. D.I.

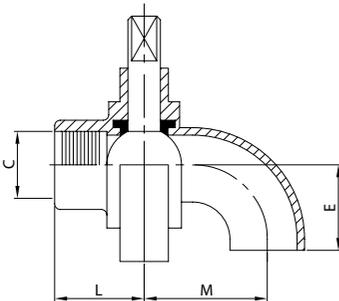
762 B



| DN | C | F | L | M | gr |
|-----|-------|-------|------|------|-------|
| 25 | 25,4 | 46-8 | 34,0 | 34,0 | 985 |
| 38 | 38,1 | 53-8 | 38,0 | 38,0 | 1.265 |
| 51 | 50,8 | 73-6 | 40,0 | 40,0 | 1.890 |
| 63 | 63,5 | 85-6 | 40,0 | 40,0 | 2.300 |
| 76 | 76,2 | 98-6 | 41,0 | 41,0 | 2.755 |
| 101 | 101,6 | 123-6 | 44,0 | 44,0 | 4.240 |

V. FARFALLA EM. D.I./CURVA
BUTTERFLY V. EE. I.D./BEND
V. PAPILLON BD. D.I./COUDE
V. MARIPOSA EM. D.I./CURVA

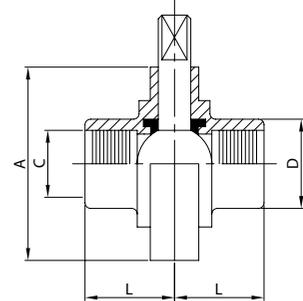
764 B



| DN | C | E | L | M | gr |
|-----|-------|-------|------|-------|-------|
| 25 | 25,4 | 40,0 | 34,0 | 70,0 | 890 |
| 38 | 38,1 | 55,0 | 38,0 | 85,0 | 1.150 |
| 51 | 50,8 | 75,0 | 40,0 | 105,0 | 1.780 |
| 63 | 63,5 | 85,0 | 40,0 | 115,0 | 2.200 |
| 76 | 76,2 | 85,0 | 41,0 | 115,0 | 2.765 |
| 101 | 101,6 | 110,0 | 44,0 | 140,0 | 4.350 |

V. FARFALLA EM./EM. D.I.
BUTTERFLY V. EE./EE. I.D.
V. PAPILLON BD./BD. D.I.
V. MARIPOSA EM./EM. D.I.

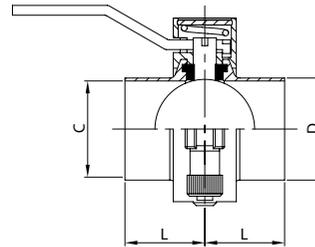
766 B



| DN | A | C | D | L | gr |
|-----|-------|-------|-------|------|-------|
| 25 | 79,0 | 25,4 | 32,5 | 34,0 | 985 |
| 38 | 85,0 | 38,1 | 45,2 | 38,0 | 1.265 |
| 51 | 105,0 | 50,8 | 58,0 | 40,0 | 1.890 |
| 63 | 112,0 | 63,5 | 70,6 | 40,0 | 2.300 |
| 76 | 125,0 | 76,2 | 83,3 | 41,0 | 2.755 |
| 101 | 157,0 | 101,6 | 109,0 | 44,0 | 4.240 |

V. FARF. CERNIERA EL./EL.
HINGED B. V. PE./PE.
V. PAP. CHARNIÈRE BL./BL.
V. M. CREMALLERA EL./EL.

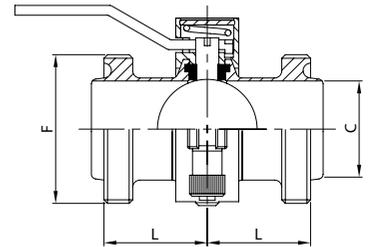
730 L



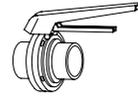
| DN | C | D | L | gr |
|----|------|------|------|-----|
| 51 | 47,8 | 50,8 | 40,0 | 850 |

V. FARF. CERNIERA EF./EF.
HINGED B. V. ME./ME.
V. PAP. CHARNIÈRE BF./BF.
V. M. CREMALLERA ER./ER.

731 B

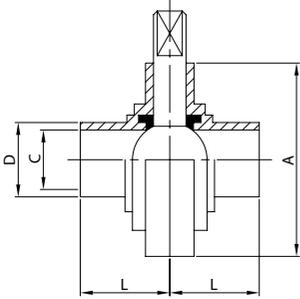


| DN | C | F | L | gr |
|----|------|------|------|-------|
| 51 | 47,8 | 73-6 | 45,0 | 1.100 |



V. FARFALLA EL./EL.
BUTTERFLY V. PE./PE.
V. PAPILLON BL./BL.
V. MARIPOSA EL./EL.

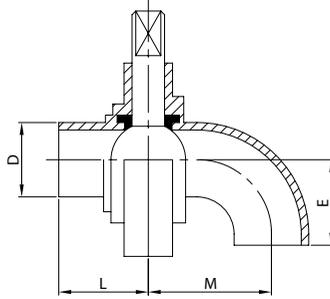
711 L



| DN | A | C | D | L | gr |
|-----|-------|------|-------|------|-------|
| 25 | 79,0 | 22,4 | 25,4 | 34,0 | 725 |
| 38 | 85,0 | 35,1 | 38,1 | 38,0 | 805 |
| 51 | 105,0 | 47,8 | 50,8 | 40,0 | 1.270 |
| 63 | 112,0 | 60,5 | 63,5 | 40,0 | 1.460 |
| 76 | 125,0 | 72,9 | 76,2 | 41,0 | 1.755 |
| 101 | 157,0 | 97,6 | 101,6 | 44,0 | 2.840 |

V. FARFALLA EL./CURVA
BUTTERFLY V. PE./BEND
V. PAPILLON BL./COUDE
V. MARIPOSA EL./CURVA

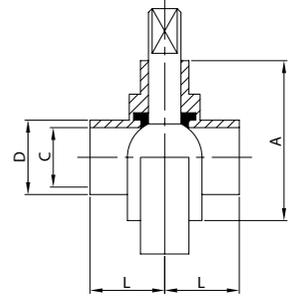
714 L



| DN | D | E | L | M | gr |
|-----|-------|-------|------|-------|-------|
| 25 | 25,4 | 40,0 | 34,0 | 70,0 | 770 |
| 38 | 38,1 | 55,0 | 38,0 | 85,0 | 920 |
| 51 | 50,8 | 75,0 | 40,0 | 105,0 | 1.470 |
| 63 | 63,5 | 85,0 | 40,0 | 115,0 | 1.780 |
| 76 | 76,2 | 85,0 | 41,0 | 115,0 | 2.265 |
| 101 | 101,6 | 110,0 | 44,0 | 140,0 | 3.650 |

V. FARFALLA ES./ES.
BUTTERFLY V. WE./WE.
V. PAPILLON BS./BS.
V. MARIPOSA ES./ES.

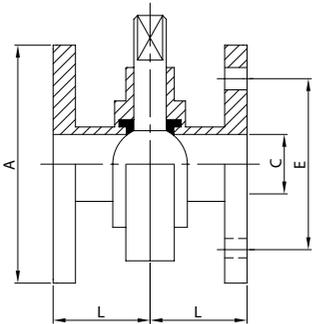
777 L



| DN | A | C | D | L | gr |
|-----|-------|------|-------|------|-------|
| 25 | 79,0 | 22,4 | 25,4 | 30,0 | 700 |
| 38 | 85,0 | 35,1 | 38,1 | 30,0 | 780 |
| 51 | 105,0 | 47,8 | 50,8 | 30,0 | 1.230 |
| 63 | 112,0 | 60,5 | 63,5 | 30,0 | 1.420 |
| 76 | 125,0 | 72,9 | 76,2 | 30,0 | 1.700 |
| 101 | 157,0 | 97,6 | 101,6 | 30,0 | 2.750 |

V. FARFALLA FL./FL.
BUTTERFLY V. FL./FL.
V. PAPILLON BR./BR.
V. MARIPOSA BR./BR.

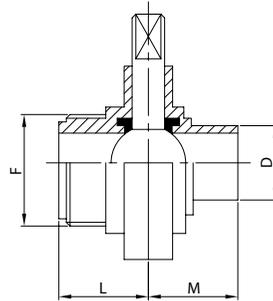
755 L



| DN | A | C | E | L | gr |
|-----|-------|------|-------|------|-------|
| 25 | 100,0 | 22,4 | 75,0 | 43,5 | 2.025 |
| 38 | 120,0 | 35,1 | 90,0 | 47,5 | 3.000 |
| 51 | 140,0 | 47,8 | 110,0 | 49,5 | 3.970 |
| 63 | 160,0 | 60,5 | 130,0 | 49,5 | 4.860 |
| 76 | 190,0 | 72,9 | 150,0 | 50,5 | 5.200 |
| 101 | 210,0 | 97,6 | 170,0 | 53,5 | 8.840 |

V. FARFALLA EF./EL.
BUTTERFLY V. ME./PE.
V. PAPILLON BF./BL.
V. MARIPOSA ER./EL.

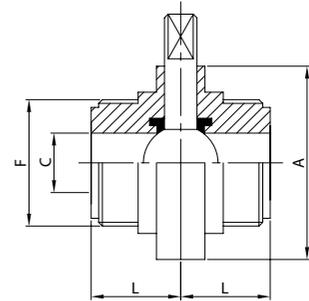
712 I



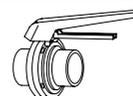
| DN | D | F | L | M | gr |
|-----|-------|-------|------|------|-------|
| 25 | 25,4 | 37-8 | 34,0 | 34,0 | 825 |
| 38 | 38,1 | 50-8 | 38,0 | 38,0 | 985 |
| 51 | 50,8 | 64-8 | 40,0 | 40,0 | 1.450 |
| 63 | 63,5 | 77-8 | 40,0 | 40,0 | 1.640 |
| 76 | 76,2 | 91-8 | 41,0 | 41,0 | 1.980 |
| 101 | 101,6 | 118-8 | 44,0 | 44,0 | 3.140 |

V. FARFALLA EF./EF.
BUTTERFLY V. ME./ME.
V. PAPILLON BF./BF.
V. MARIPOSA ER./ER.

722 I

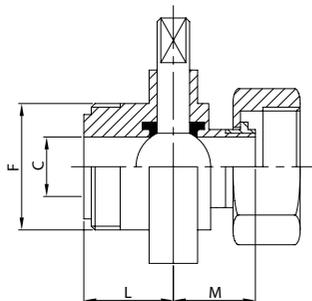


| DN | A | C | F | L | gr |
|-----|-------|------|-------|------|-------|
| 25 | 79,0 | 22,4 | 37-8 | 34,0 | 925 |
| 38 | 85,0 | 35,1 | 50-8 | 38,0 | 1.165 |
| 51 | 105,0 | 47,8 | 64-8 | 40,0 | 1.630 |
| 63 | 112,0 | 60,5 | 77-8 | 40,0 | 1.820 |
| 76 | 125,0 | 72,9 | 91-8 | 41,0 | 2.210 |
| 101 | 157,0 | 97,6 | 118-8 | 44,0 | 3.440 |



V. FARFALLA EF./BL. G. MT.
BUTTERFLY V. ME./L. N. ED.
V. PAPILLON BF./PL. E. DN.
V. MARIPOSA ER./C. T. MD.

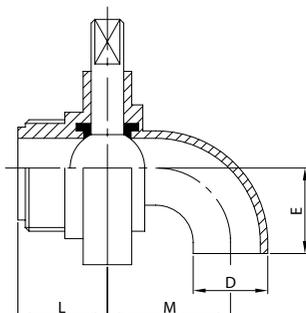
723 I



| DN | C | F | L | M | gr |
|-----|------|-------|------|------|-------|
| 25 | 22,4 | 37-8 | 34,0 | 34,0 | 1.000 |
| 38 | 35,1 | 50-8 | 38,0 | 38,0 | 1.300 |
| 51 | 47,8 | 64-8 | 40,0 | 40,0 | 1.930 |
| 63 | 60,5 | 77-8 | 40,0 | 40,0 | 2.530 |
| 76 | 72,9 | 91-8 | 41,0 | 41,0 | 2.965 |
| 101 | 97,6 | 118-8 | 44,0 | 44,0 | 4.450 |

V. FARFALLA EF./CURVA
BUTTERFLY V. ME./BEND
V. PAPILLON BF./COUDE
V. MARIPOSA ER./CURVA

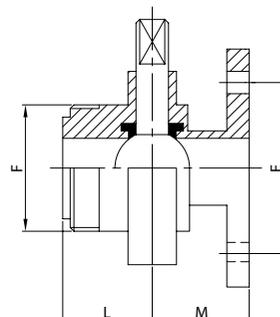
724 I



| DN | D | E | L | M | gr |
|-----|-------|-------|------|-------|-------|
| 25 | 25,4 | 40,0 | 34,0 | 70,0 | 870 |
| 38 | 38,1 | 55,0 | 38,0 | 85,0 | 1.100 |
| 51 | 50,8 | 75,0 | 40,0 | 105,0 | 1.650 |
| 63 | 63,5 | 85,0 | 40,0 | 115,0 | 1.960 |
| 76 | 76,2 | 85,0 | 41,0 | 115,0 | 2.490 |
| 101 | 101,6 | 110,0 | 44,0 | 140,0 | 3.950 |

V. FARFALLA EF./FLANGIA
BUTTERFLY V. ME./FLANGE
V. PAPILLON BF./BRIDE
V. MARIPOSA ER./BRIDA

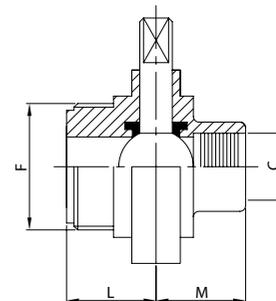
725 I



| DN | E | F | L | M | gr |
|-----|-------|-------|------|------|-------|
| 25 | 75,0 | 37-8 | 34,0 | 43,5 | 1.475 |
| 38 | 90,0 | 50-8 | 38,0 | 47,5 | 2.080 |
| 51 | 110,0 | 64-8 | 40,0 | 49,5 | 2.800 |
| 63 | 130,0 | 77-8 | 40,0 | 49,5 | 3.340 |
| 76 | 150,0 | 91-8 | 41,0 | 50,5 | 3.705 |
| 101 | 170,0 | 118-8 | 44,0 | 53,5 | 6.140 |

V. FARFALLA EF./EM. D.I.
BUTTERFLY V. ME./EE. I.D.
V. PAPILLON BF./BD. D.I.
V. MARIPOSA ER./EM. D.I.

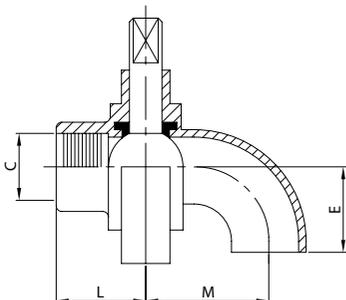
762 I



| DN | C | F | L | M | gr |
|-----|-------|-------|------|------|-------|
| 25 | 25,4 | 37-8 | 34,0 | 34,0 | 925 |
| 38 | 38,1 | 50-8 | 38,0 | 38,0 | 1.165 |
| 51 | 50,8 | 64-8 | 40,0 | 40,0 | 1.630 |
| 63 | 63,5 | 77-8 | 40,0 | 40,0 | 1.820 |
| 76 | 76,2 | 91-8 | 41,0 | 41,0 | 2.210 |
| 101 | 101,6 | 118-8 | 44,0 | 44,0 | 3.440 |

V. FARFALLA EM. D.I./CURVA
BUTTERFLY V. EE. I.D./BEND
V. PAPILLON BD. D.I./COUDE
V. MARIPOSA EM. D.I./CURVA

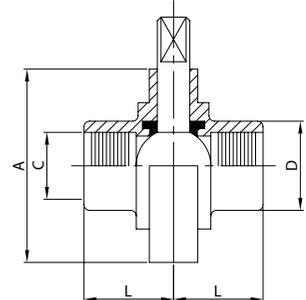
764 I



| DN | C | E | L | M | gr |
|-----|-------|-------|------|-------|-------|
| 25 | 25,4 | 40,0 | 34,0 | 70,0 | 890 |
| 38 | 38,1 | 55,0 | 38,0 | 85,0 | 1.150 |
| 51 | 50,8 | 75,0 | 40,0 | 105,0 | 1.780 |
| 63 | 63,5 | 85,0 | 40,0 | 115,0 | 2.200 |
| 76 | 76,2 | 85,0 | 41,0 | 115,0 | 2.765 |
| 101 | 101,6 | 110,0 | 44,0 | 140,0 | 4.350 |

V. FARFALLA EM./EM. D.I.
BUTTERFLY V. EE./EE. I.D.
V. PAPILLON BD./BD. D.I.
V. MARIPOSA EM./EM. D.I.

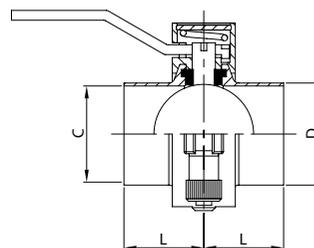
766 I



| DN | A | C | D | L | gr |
|-----|-------|-------|-------|------|-------|
| 25 | 79,0 | 25,4 | 29,0 | 34,0 | 925 |
| 38 | 85,0 | 38,1 | 42,5 | 38,0 | 1.165 |
| 51 | 105,0 | 50,8 | 56,0 | 40,0 | 1.630 |
| 63 | 112,0 | 63,5 | 69,7 | 40,0 | 1.820 |
| 76 | 125,0 | 76,2 | 82,3 | 41,0 | 2.210 |
| 101 | 157,0 | 101,6 | 108,4 | 44,0 | 3.440 |

V. FARF. CERNIERA EL./EL.
HINGED B. V. PE./PE.
V. PAP. CHARNIÈRE BL./BL.
V. M. CREMALLERA EL./EL.

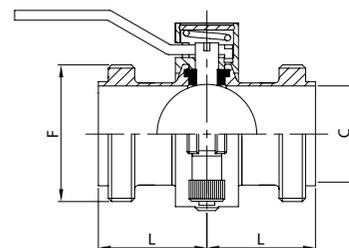
730 L



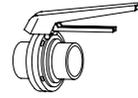
| DN | C | D | L | gr |
|----|------|------|------|-----|
| 51 | 47,8 | 50,8 | 40,0 | 850 |

V. FARF. CERNIERA EF./EF.
HINGED B. V. ME./ME.
V. PAP. CHARNIÈRE BF./BF.
V. M. CREMALLERA ER./ER.

731 I

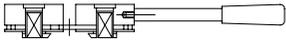


| DN | C | F | L | gr |
|----|------|------|------|-----|
| 51 | 47,8 | 64-8 | 48,0 | 950 |



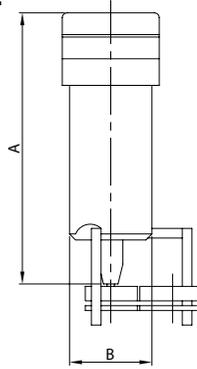
MANIGLIA V. DRENAGGIO
DRAINAGE V. HANDLE
POIGNÉE V. DRAINAGE
MANETA V. DRENAJE

7N1



C. PNEUM. VERTICALE DE.
PNEUM. C. DE. VERTICAL
V. PNEUM. VERTICALE DE.
C. NEUM. VERTICALE DE.

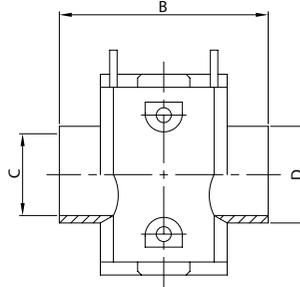
7C7 L



| DN | A | B | gr |
|-------|-------|------|-------|
| 38/76 | 293,0 | 76,0 | 4.200 |

VALVOLA DRENAGGIO EL.
DRAINAGE VALVE PE.
VANNE DRAINAGE BL.
VÁLVULA DRENAJE EL.

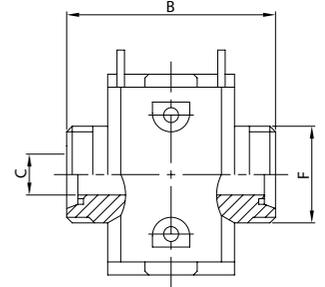
788 L



| DN | B | C | D | gr |
|----|-------|------|------|-------|
| 40 | 128,0 | 37,0 | 40,0 | 2.190 |
| 52 | 132,0 | 49,0 | 52,0 | 3.120 |
| 70 | 154,0 | 66,0 | 70,0 | 5.800 |

VALVOLA DRENAGGIO EF.
DRAINAGE VALVE ME.
VANNE DRAINAGE BF.
VÁLVULA DRENAJE ER.

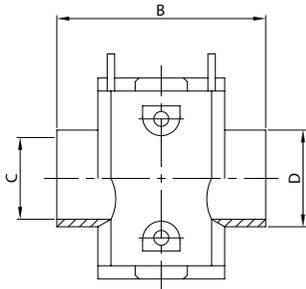
788 D



| DN | B | C | F | gr |
|----|-------|------|------|-------|
| 40 | 128,0 | 37,0 | 65-6 | 2.650 |
| 50 | 128,0 | 49,0 | 78-6 | 3.720 |
| 65 | 148,0 | 66,0 | 95-6 | 6.300 |

VALVOLA DRENAGGIO EL.
DRAINAGE VALVE PE.
VANNE DRAINAGE BL.
VÁLVULA DRENAJE EL.

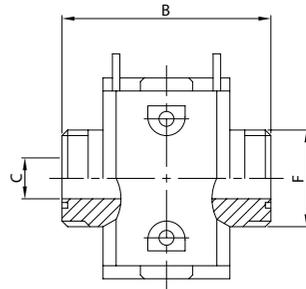
788 L



| DN | B | C | D | gr |
|----|-------|------|------|-------|
| 38 | 128,0 | 35,1 | 38,1 | 2.190 |
| 51 | 132,0 | 47,8 | 50,8 | 3.120 |
| 76 | 154,0 | 72,9 | 76,2 | 5.800 |

VALVOLA DRENAGGIO EF.
DRAINAGE VALVE ME.
VANNE DRAINAGE BF.
VÁLVULA DRENAJE ER.

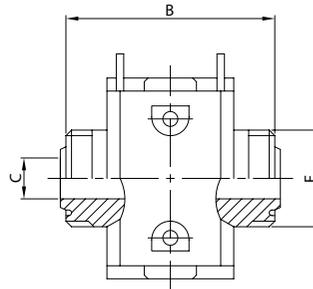
788 S



| DN | B | C | F | gr |
|----|-------|------|------|-------|
| 38 | 128,0 | 35,1 | 60-6 | 2.570 |
| 51 | 132,0 | 47,8 | 70-6 | 3.550 |
| 76 | 154,0 | 72,9 | 98-6 | 6.800 |

VALVOLA DRENAGGIO EF.
DRAINAGE VALVE ME.
VANNE DRAINAGE BF.
VÁLVULA DRENAJE ER.

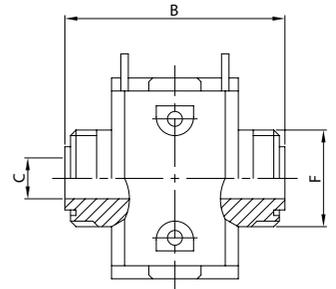
788 B



| DN | B | C | F | gr |
|----|-------|------|------|-------|
| 38 | 137,4 | 34,8 | 58-8 | 2.570 |
| 51 | 141,4 | 47,5 | 73-6 | 4.950 |
| 76 | 163,4 | 72,9 | 98-6 | 6.800 |

VALVOLA DRENAGGIO EF.
DRAINAGE VALVE ME.
VANNE DRAINAGE BF.
VÁLVULA DRENAJE ER.

788 I



| DN | B | C | F | gr |
|----|-------|------|------|-------|
| 38 | 128,0 | 34,8 | 50-8 | 2.370 |
| 51 | 132,0 | 47,5 | 64-8 | 3.500 |
| 76 | 154,0 | 72,9 | 91-8 | 6.260 |