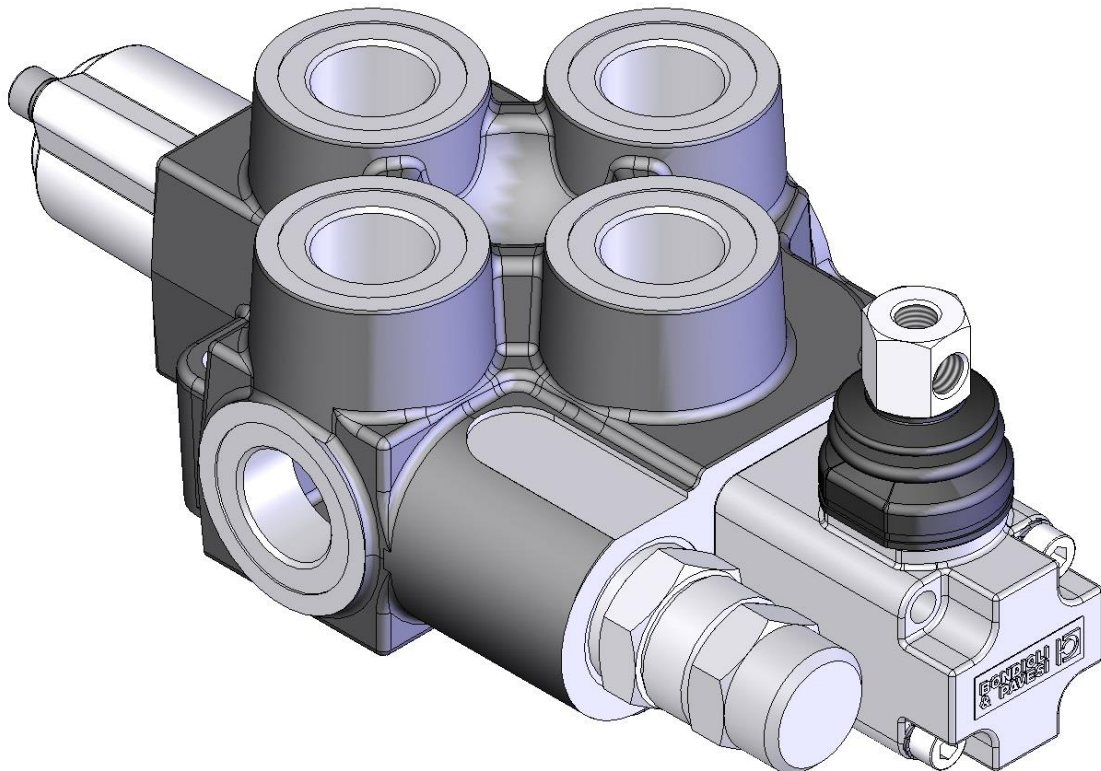




PRODUCT DATA SHEET
REV.8

DL







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Dati generali / General features

Numero di sezioni – <i>Number of sections</i>	1	1
Diametro spola – <i>Spool diameter</i>	22 mm	0,87 in
Predisposizione Carry-over – <i>Carry-over prearrangement</i>	Standard	Standard
Valvole ausiliarie – <i>Port auxiliary valves</i>	Non disponibili	Not available

Caratteristiche di funzionamento idrauliche / Hydraulic working features

Le seguenti caratteristiche sono influenzate dalle condizioni dei test. I valori sono ottenuti con un olio con una viscosità di 21 cSt, ad una temperatura di 50°C, con cursori a doppio effetto e sono valide per le filettature standard.

The following characteristics are influenced by testing conditions. Values are obtained with oil at viscosity of 21 cSt, temperature of 50°C, double acting spool and are valid only for standard threads.

Nota: per differenti condizioni di utilizzo contattare il servizio clienti.

Note: For different conditions of use please contact customer service.

Portata nominale in ingresso – <i>Nominal inlet flow</i>	140 l/min.	37,0 US gpm
Pressione nominale – <i>Nominal pressure</i>	180 bar	2610 psi
Contropressione massima a scarico <i>Maximum tank pressure</i>	50 bar	730 psi
Massima trafila interna (A o B → P e T) p = 100 bar (1450 psi) <i>Maximum internal leakage (A o B → P e T) p = 100 bar (1450 psi)</i>	60 cm ³ /min.	3,66 in ³ /min.

Fluido idraulico / Hydraulic fluid

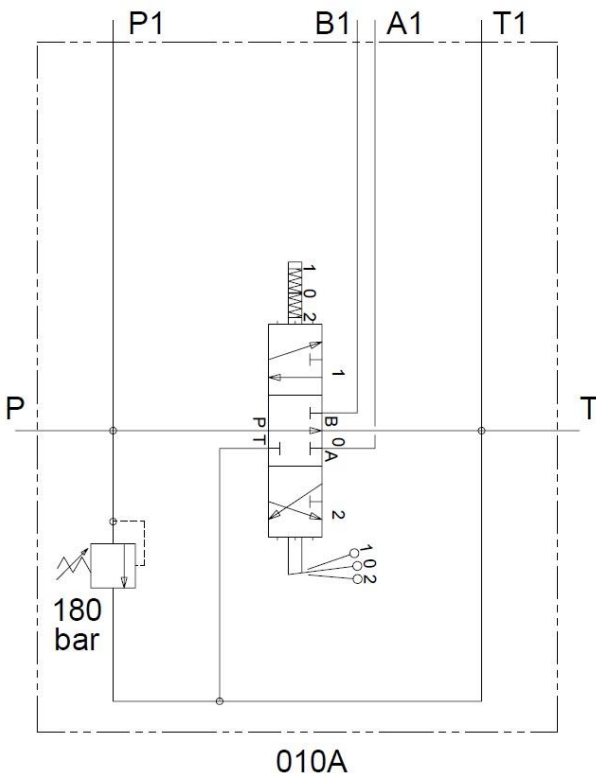
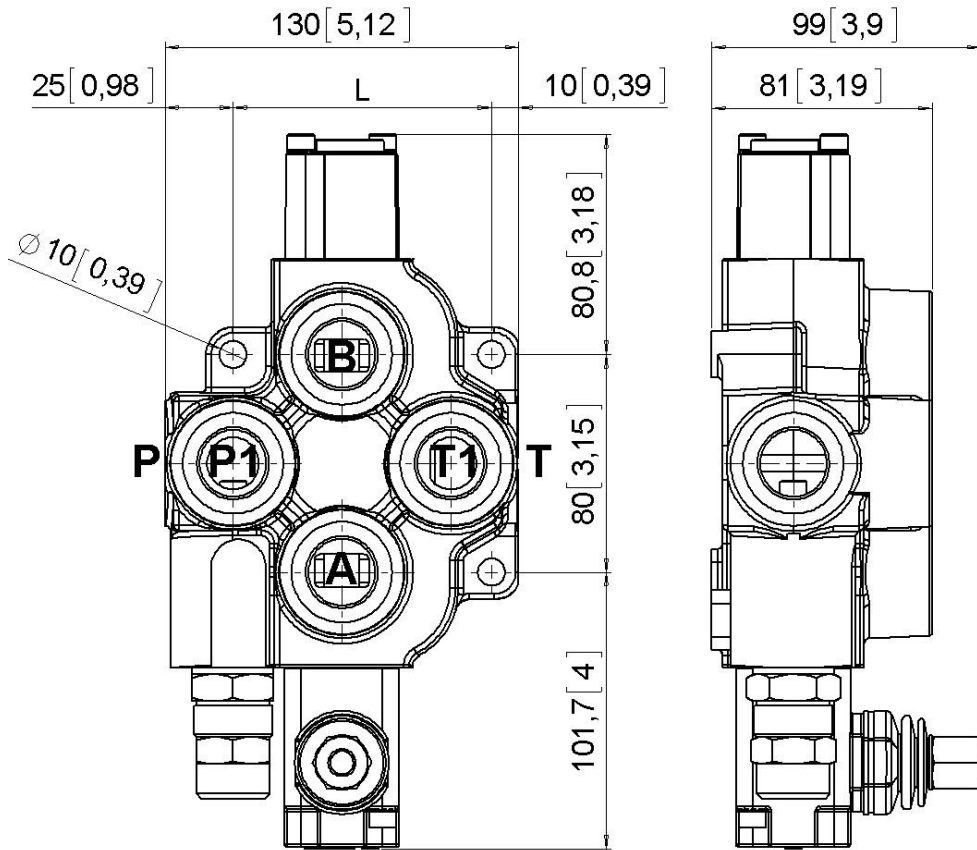
Si raccomanda di utilizzare fluidi idraulici definiti dalla norma ISO 6743-4	<i>It is recommended to use hydraulic fluid as specified on norm ISO 6743-4.</i>
Per fluidi di lavoro differenti contatta il nostro ufficio vendite.	<i>For different fluid, please contact our sales department.</i>

Campo di lavoro del fluido / Fluid working range

Temperatura statica di lavoro <i>Operating static temperature</i>	-20°C +80°C NBR seals -20°C + 130°C HNBR seals
Viscosità olio d'esercizio – <i>Operating oil viscosity</i>	Da 15 cSt a 90 cSt – <i>From 15 cSt to 90 cSt</i>



Dimensioni d'ingombro e schema idraulico / Overall dimension and hydraulic scheme



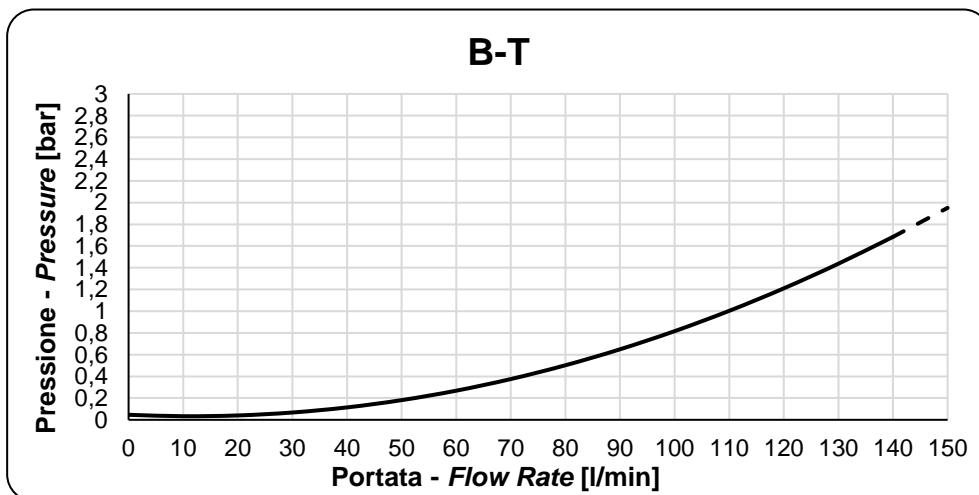
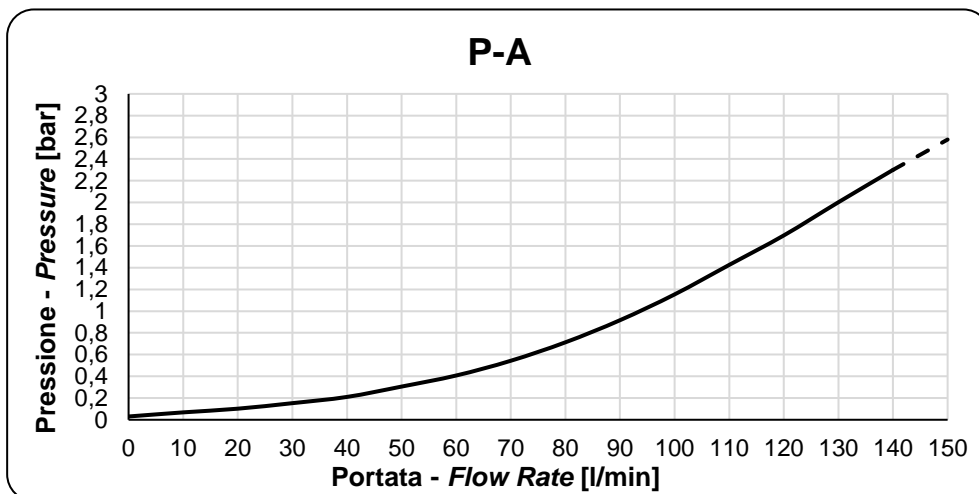
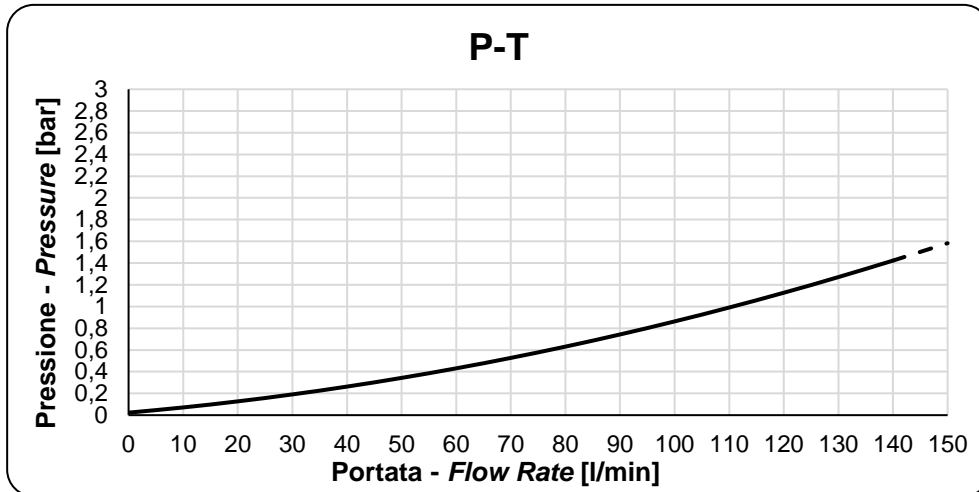
N° di sezioni N° of section	L [mm]	P [Kg]	L [inch]	P [lb]
DL	95	6,5	3,7	14,3



Curve caratteristiche / Characteristic curves

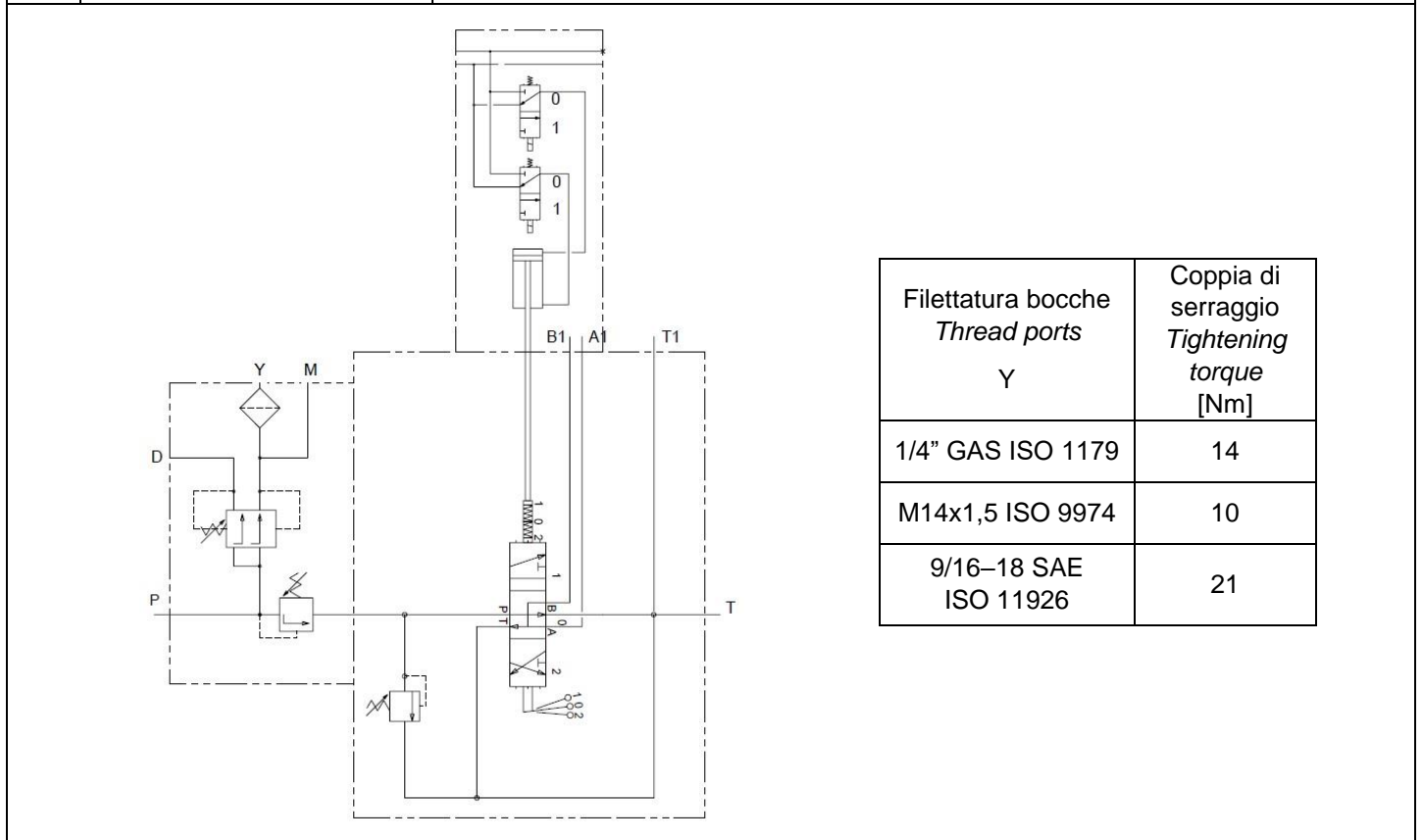
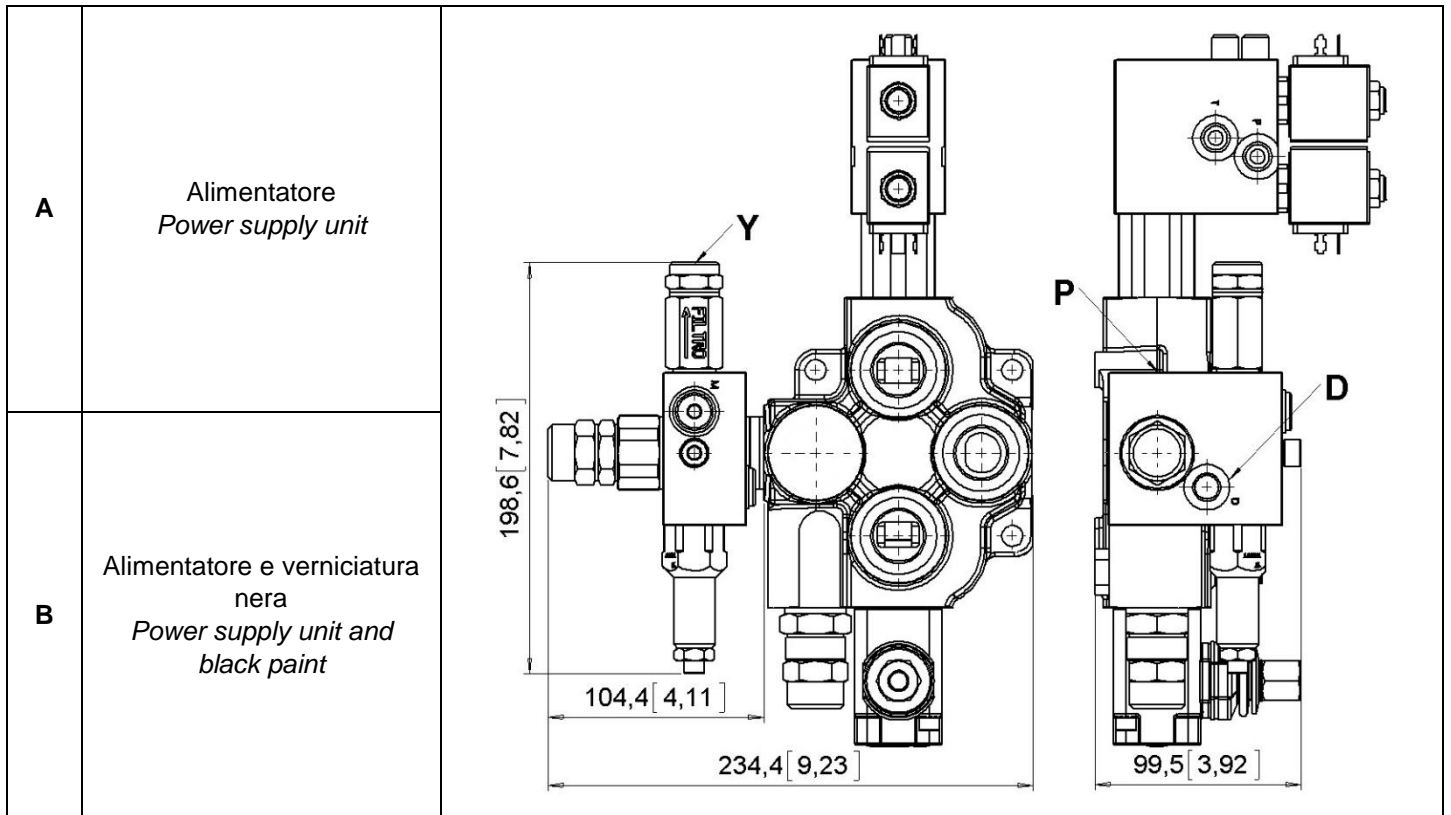
Tutte le curve sono state ottenute con olio ad una temperatura di 50°C e una viscosità di 21cSt

All curves are obtained with oil at 21 cSt of viscosity (50°C)



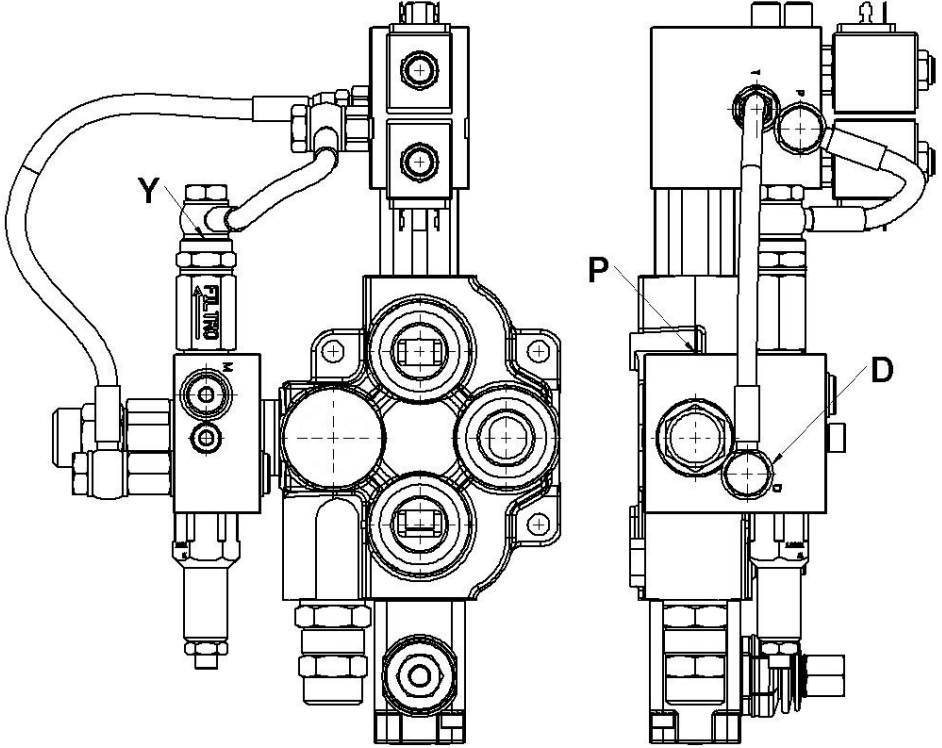


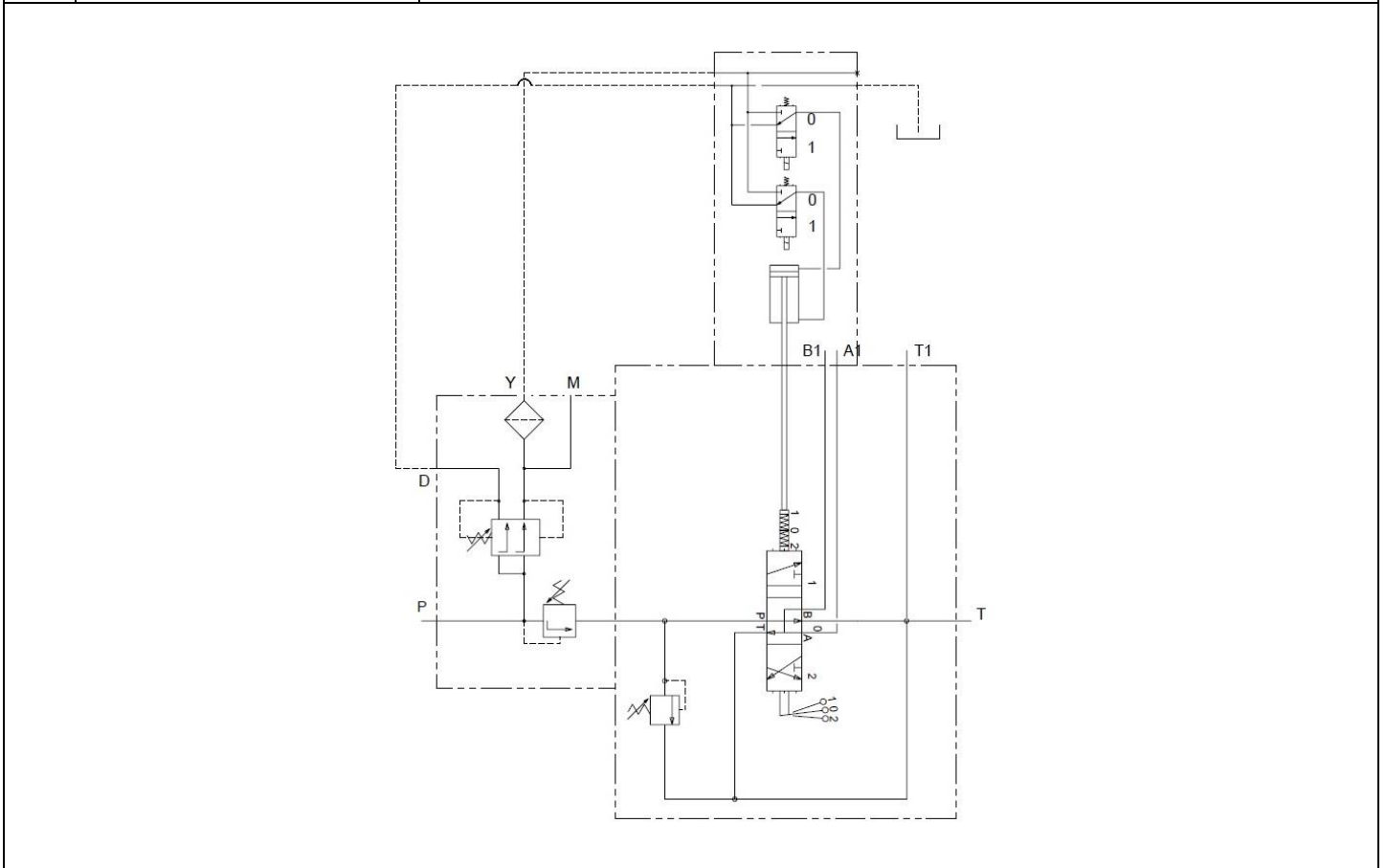
Opzioni generali / General options



Filettatura bocche <i>Thread ports</i>	Coppia di serraggio <i>Tightening torque</i> [Nm]
Y	
1/4" GAS ISO 1179	14
M14x1,5 ISO 9974	10
9/16-18 SAE ISO 11926	21



<p>C</p>	<p>Alimentatore con tubi di collegamento <i>Power supply unit with connection tubes</i></p>	
<p>D</p>	<p>Alimentatore con tubi di collegamento e verniciatura nera <i>Power supply unit with connection tubes and black paint</i></p>	

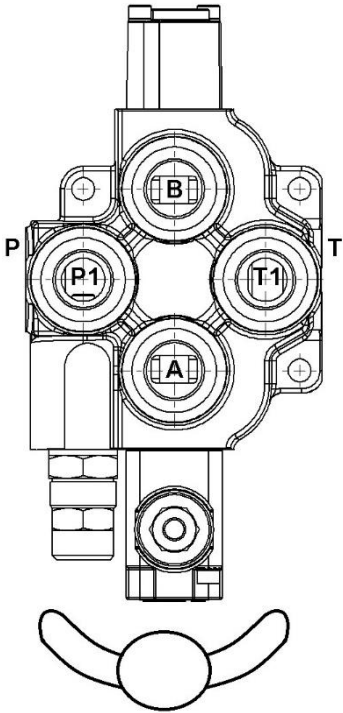
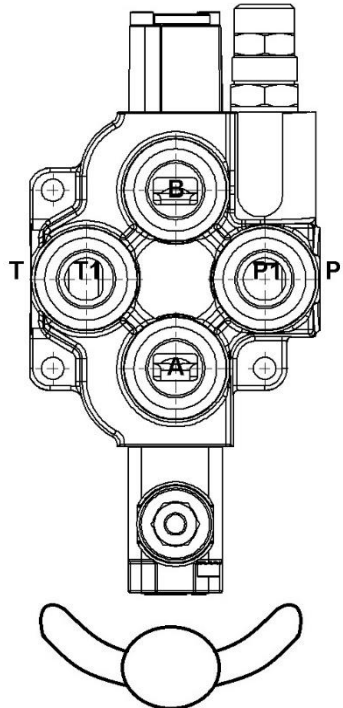




Tipo di entrata / Inlet type

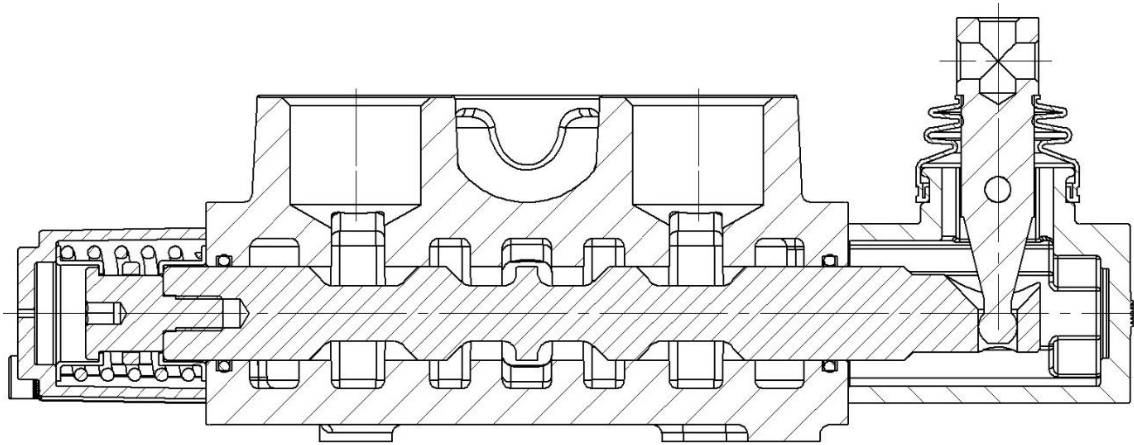
La bocca A è definita dalla posizione del portaleva. Quando il distributore ha entrata destra, la posizione della lettera associata alla bocca è invertita

Port A is defined by the lever side. When valve is right inlet, the position of the letter associated to port is inverted

<p>Entrata sinistra (Standard)</p>	<p><i>Left inlet (Standard)</i></p>	
<p>Entrata destra</p>	<p><i>Right inlet</i></p>	



Sezione / Section



Filettature bocche P – P1 / Thread port P – P1

Codice filettatura Thread code	Bocca P Port P	Bocca P1 Port P1	Coppia di serraggio Tightening torque [Nm]
L	/	1/4" GAS ISO 1179	14
F	3/4" GAS ISO 1179	3/4" GAS ISO 1179	140
G	1" GAS ISO 1179	1" GAS ISO 1179	200
3	/	M14x1,5 ISO 9974	10
5	M27x2 ISO 9974	M27x2 ISO 9974	170
6	M33x2 ISO 9974	M33x2 ISO 9974	240
P	/	9/16 – 18 SAE ISO 11926	21
V	1" 1/16–12 SAE ISO 11926	1" 1/16–12 SAE ISO 11926	125
S	1" 5/16–12 SAE ISO 11926	1" 5/16–12 SAE ISO 11926	270
0	/	Non lavorata Not machined	50

Opzioni su bocca P – P1 / Options on port P – P1

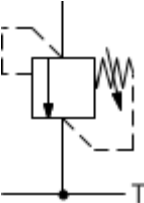
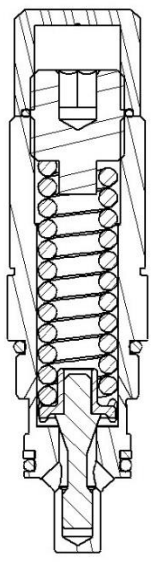
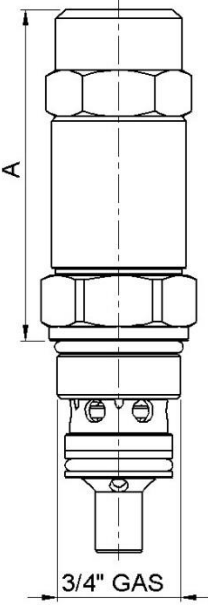
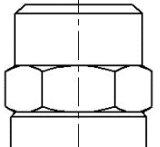
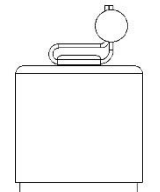
A	P aperto – P1 aperto (Standard)	<i>P open – P1 open (Standard)</i>
B	P aperto – P1 tappato	<i>P open – P1 plugged</i>
C	P tappato – P1 aperto	<i>P plugged – P1 open</i>
D	P aperto – P1 non lavorato	<i>P open – P1 not machined</i>

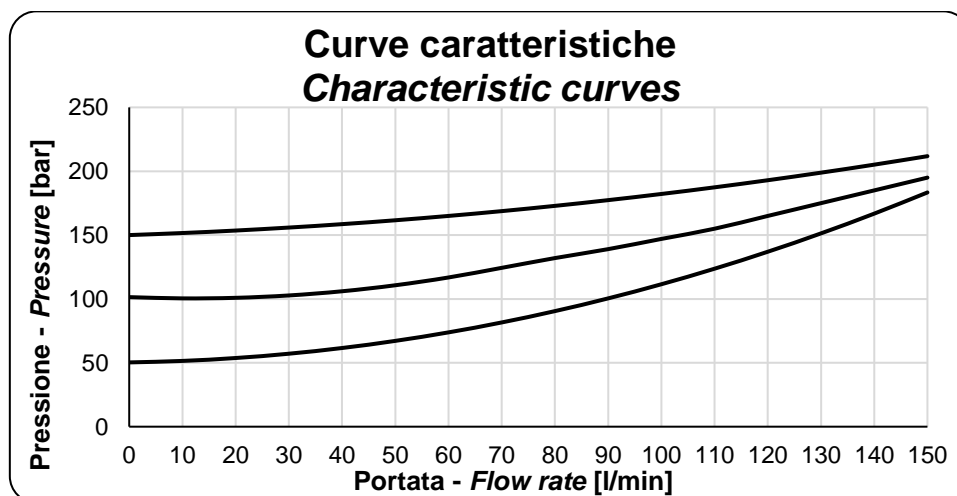


Valvola di massima pressione / Main relief valve

Limitatrice d pressione: Il settaggio standard è riferito ad una portata di 5 l/min $\pm 10\%$

Relief valve: Standard setting is referred to 5 l/min $\pm 10\%$ of flow rate, setting pressures are multiples of 10 bar

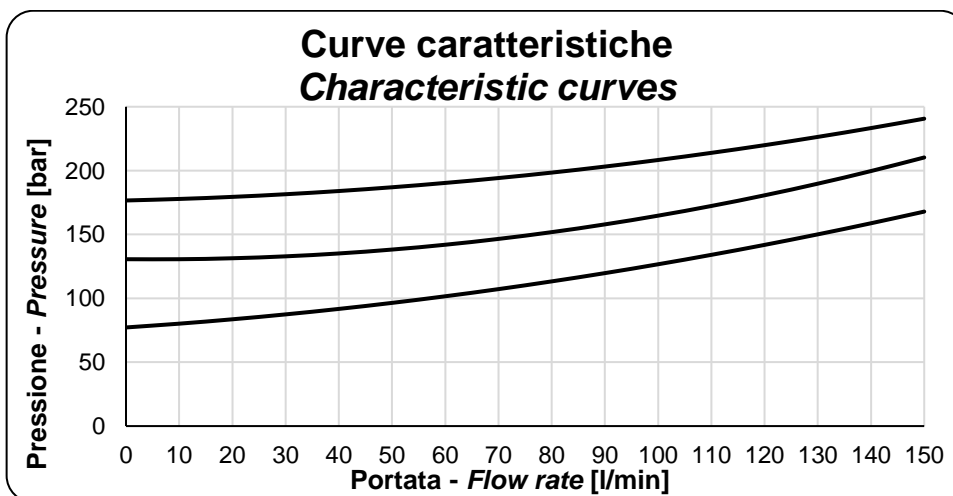
Tipo Type	Disegno Drawing		Tipo di regolazione Regulation type		
Valvola limitatrice di pressione <i>Limiter pressure valve, acting poppet</i> DOWPD053-4--- 			Regolazione con chiave esagonale, con cappuccio <i>With hexagonal allen head, with cover cap</i> (A max. = 71 mm / 2,79 in)	C	
			Regolazione con chiave esagonale, predisposto piombatura <i>With hexagonal allen head, seal setting</i> (A max. = 74,5 mm / 2,93 in)		
			Regolazione inviolabile <i>Factory pre-set, non-adjustable</i> (A max. = 74,5 mm / 2,93 in)	P	
Coppia di serraggio <i>Tightening torque</i> 40 Nm	Portata nominale in ingresso <i>Nominal flow rate in inlet</i> 120 l/min / 31,71 US gpm	Temperatura di utilizzo <i>Operating temperature</i> - 20 / 85 °C NBR Seals - 20 / 130 °C HNBR Seals	Cavità <i>Cavity</i> LDIME008	Isteresi <i>Hysteresis</i> 10 %	
Campo di regolazione <i>Adjustment range</i>		X	30 - 80 bar		
		Y	90 - 130 bar		
		Z	140 - 180 bar		
		/	/		



Parametri di prova / Oil Testing Parameters: 50 °C – 21 cSt



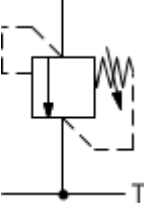
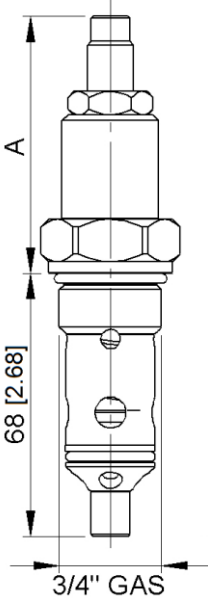
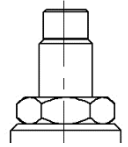

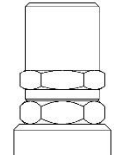

Tipo / Type		Codice di ordinazione Ordering code		Pressione di esercizio Operating pressure
		Codice tipo Type code	Codice pressione Pressure code	
DOWPP003-4--- Pilotata Piloted		00	X (80)	30–80 bar (standard setting 80 bar)
			Y (130)	90–130 bar (standard setting 130 bar)
			Z (180)	140–180 bar (standard setting 180 bar)
DOWPP043-4--- Pilotata Piombata Piloted leaded		04	X (80)	30–80 bar (standard setting 80 bar)
			Y (130)	90–130 bar (standard setting 130 bar)
			Z (180)	140–180 bar (standard setting 180 bar)

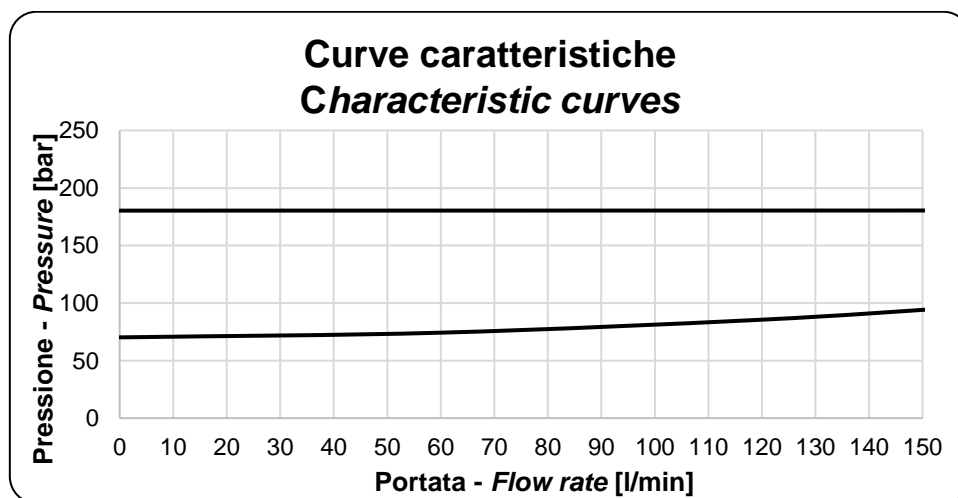


Portata nominale in ingresso Nominal flow rate in inlet 150 l/min / 39,64 US gpm
Cavità Cavity LDIME008
Coppia Torque 40 Nm

Parametri di prova / Oil Testing Parameters: 50 °C – 21 cSt



Tipo Type	Disegno Drawing		Tipo di regolazione Regulation type	
Valvola limitatrice di pressione diretta <i>Limiter pressure valve, direct acting poppet</i> PCDC 1220 			Regolazione a vite con chiave esagonale <i>With hexagonal allen head</i> (A max.= 65.5 mm / 2.62 in)	R 
			Regolazione con volantino <i>With handwheel</i> (A max.= 65.5 mm / 2.62 in)	V 
			Regolazione fissa con cappuccio <i>Set-adjustment, with cover cap</i> (A max. = 72.5 mm / 2.85 in)	C 
			Regolazione inviolabile <i>Factory pre-set, non-adjustable</i> (A max. = 71 mm / 2.80 in)	P 
Coppia <i>Torque</i> 40 Nm	Portata nominale in ingresso <i>Nominal flow rate in inlet</i> 150 l/min / 39,64 US gpm	Temperatura di utilizzo <i>Operating temperature</i> - 20 / 85 °C NBR Seals - 20 / 130 °C HNBR Seals	Cavità <i>Cavity</i> LDIME008	Isteresi <i>Hysteresis</i> 10 %
Campo di regolazione <i>Adjustment range</i>	07	10 - 70 bar		
	15	80 - 150 bar		
	23	160 - 230 bar		



Parametri di prova / Oil Testing Parameters: 50 °C – 21 cSt

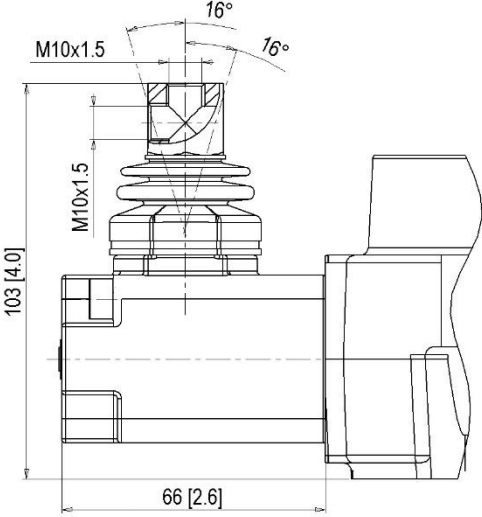
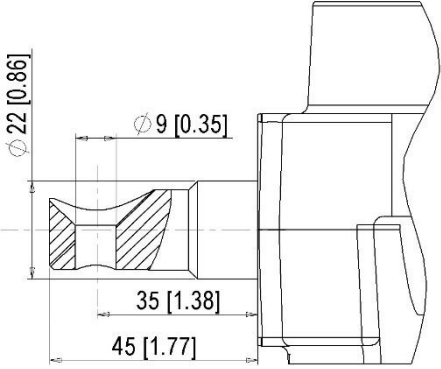
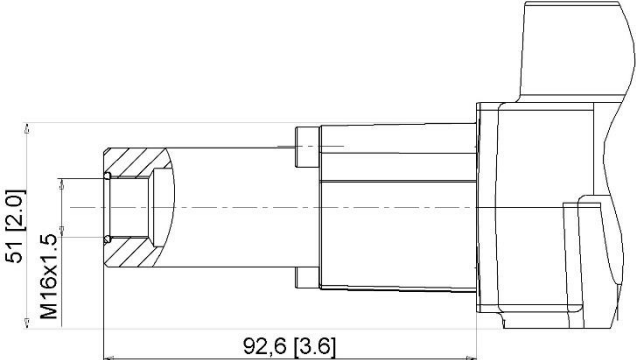


Filettature bocche A-B / Thread ports A-B

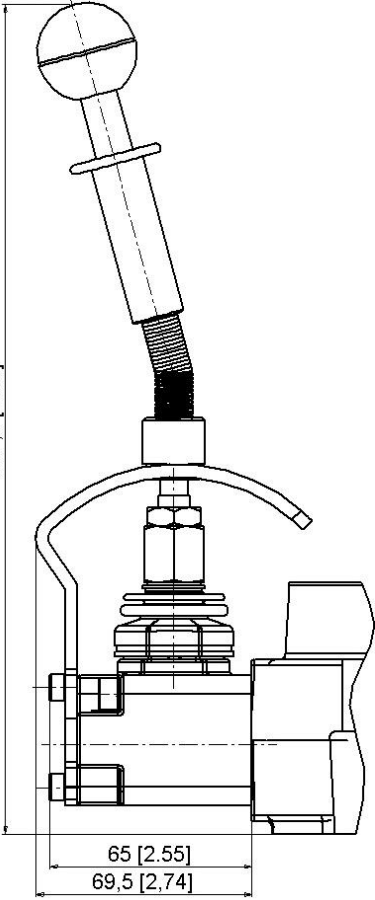
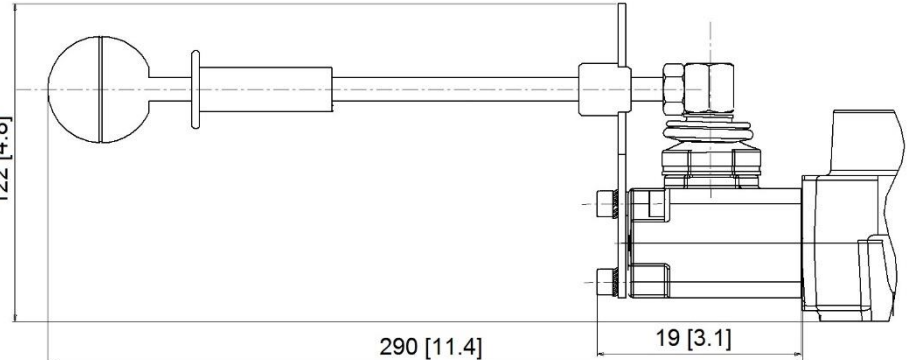
Codice filettatura <i>Thread code</i>	Bocche A-B <i>Port A-B</i>	Coppia di serraggio <i>Tightening torque</i> [Nm]
F	3/4" GAS ISO 1179	140
G	1" GAS ISO 1179	200
5	M27x2 ISO 9974	170
6	M33x2 ISO 9974	240
V	1" 1/16 - 12 SAE ISO 11926	125
S	1" 5/16 - 12 SAE ISO 11926	270



Azionamenti / Actuators

<p>L</p>	<p>DO57011108 Standard kit portaleva <i>Standard lever kit</i></p>	
<p>A</p>	<p>Senza portaleva appendice standard <i>Without lever holder standard appendix</i></p>	
<p>T</p>	<p>DO74509212044 Predisposizione cavo lato azionamento <i>Cable setting on actuator side</i></p>	



<p>V</p>	<p>DO54046005 Intenzionale verticale <i>Intentional vertical</i></p>	 <p>Technical drawing of the vertical valve assembly (DO54046005). The drawing shows a side view of the valve with a handle. Dimensions are provided: a vertical dimension of 267,8 [10.5] from the base to the top of the handle, a horizontal dimension of 65 [2.55] for the main body, and a horizontal dimension of 69,5 [2,74] for the base.</p>
<p>O</p>	<p>DO54046001 Intenzionale orizzontale <i>Intentional horizontal</i></p>	 <p>Technical drawing of the horizontal valve assembly (DO54046001). The drawing shows a side view of the valve with a handle. Dimensions are provided: a vertical dimension of 122 [4.8] for the handle height, a horizontal dimension of 290 [11.4] for the main body, and a horizontal dimension of 19 [3.1] for the base.</p>



H	<p>Comando elettro-idraulico doppio effetto <i>Double acting effect electro-hydraulic control</i></p> <p>Ghisa dedicata <i>Dedicated cast iron</i></p>												
		<table border="1"> <thead> <tr> <th>Filettatura bocche <i>Thread ports</i></th> <th>Coppia di serraggio <i>Tightening torque</i></th> </tr> <tr> <td>P – P1 – T – T1</td> <td>[Nm]</td> </tr> </thead> <tbody> <tr> <td>1/4" GAS ISO 1179</td> <td>14</td> </tr> <tr> <td>M14x1,5 ISO 9974</td> <td>10</td> </tr> <tr> <td>9/16–18 SAE ISO 11926</td> <td>21</td> </tr> </tbody> </table> <p>— Camera grande <i>Big chamber</i></p> <p>- - - Camera piccola <i>Small chamber</i></p>	Filettatura bocche <i>Thread ports</i>	Coppia di serraggio <i>Tightening torque</i>	P – P1 – T – T1	[Nm]	1/4" GAS ISO 1179	14	M14x1,5 ISO 9974	10	9/16–18 SAE ISO 11926	21	
Filettatura bocche <i>Thread ports</i>	Coppia di serraggio <i>Tightening torque</i>												
P – P1 – T – T1	[Nm]												
1/4" GAS ISO 1179	14												
M14x1,5 ISO 9974	10												
9/16–18 SAE ISO 11926	21												
S	<p>Comando elettro-idraulico semplice effetto bocca A <i>Simple effect electro-hydraulic control port A</i></p>												
X	<p>Comando elettro-idraulico semplice effetto bocca B <i>Simple effect electro-hydraulic control port B</i></p>												

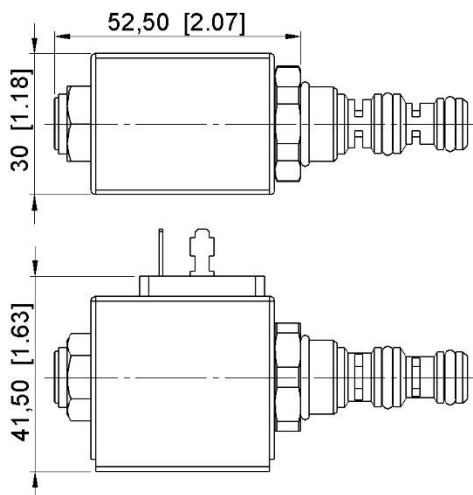
Caratteristiche elettriche comando elettro-idraulico / *Electrical characteristics of electro-hydraulic control*

Tipo bobina / <i>Coil type</i> ON-OFF (± 10%)	Resistenza a 20°C <i>Resistance at 20°C</i>	Corrente assorbita <i>Current consumption</i>	Potenza <i>Power</i>
	Ω (± 7%)	A (± 5%)	W (± 5%)
12V	8	1,5	18
24V	32	0,75	18

Tipo di voltaggio / <i>Voltage type</i>	Corrente continua / <i>Direct-current</i>
Classe d'isolamento / <i>Insulation class</i>	H
ED	100%
Grado di protezione / <i>Insulation protection</i>	IP65 – Con connettore adeguato IP67 <i>IP65 - With appropriate connector IP67.</i>

Nota: Non direzionare direttamente getti d'acqua in pressione, per lavare il distributore

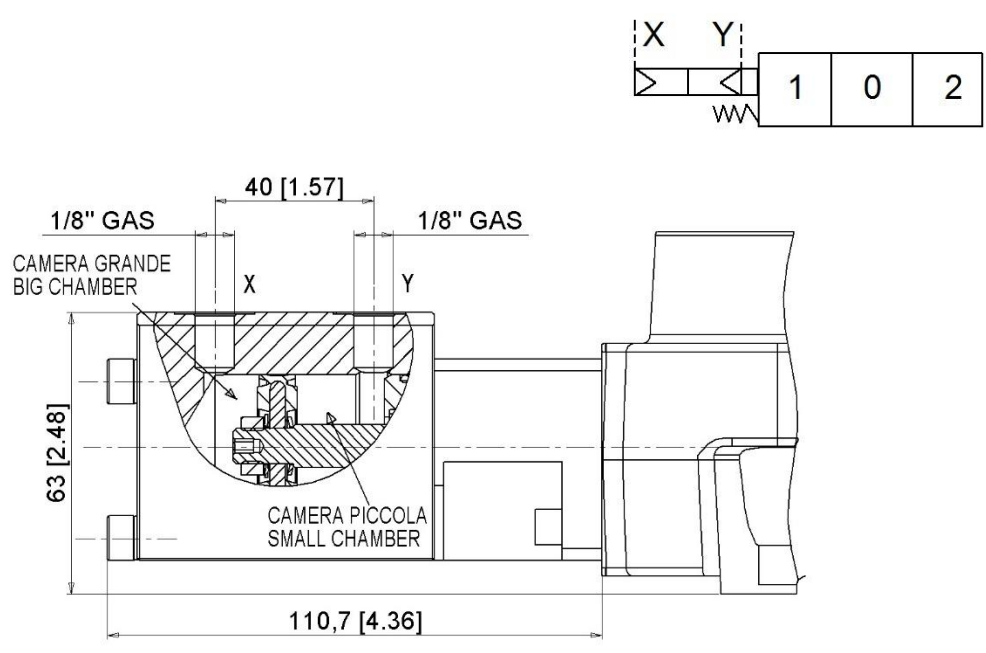
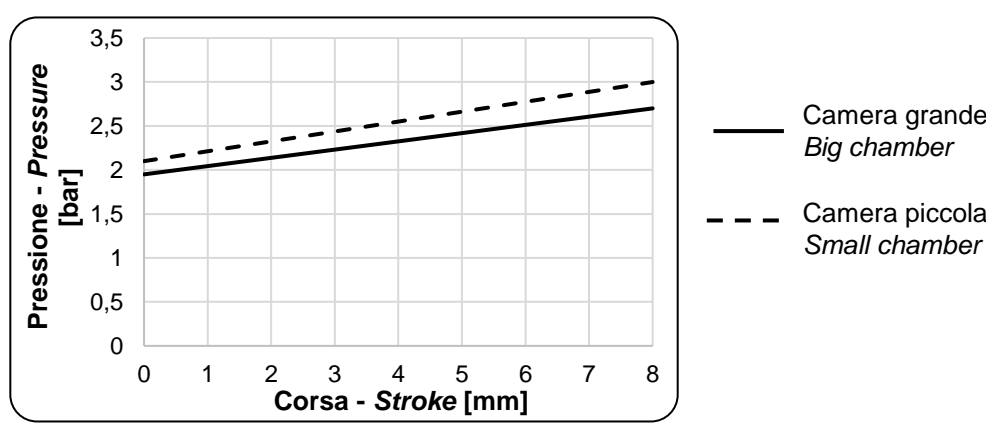
Note: Do not wash the valve with high pressure water jet

 Azionamento comando elettro-idraulico / *Electro-hydraulic control actuator*


Code		Description
A	DO3130202	DIN 43650-A/ISO4400 12V
B	DO7KSD5TKKK000001	DIN 43650-A/ISO4400 24V
C	DO3130201	Con fili / With Wires 12V
D	DO3130204	Con fili / With Wires 24V

I kit bobina sono comprensivi di OR	<i>The coil kit include the OR.</i>
-------------------------------------	-------------------------------------



P	<p>DO5XG80462002 Comando pneumatico <i>Pneumatic control</i></p> <p>Ghisa dedicata <i>Dedicated cast iron</i></p>	 <p>1 0 2</p>
		



Spole / Spools

01	DO2921HH01000	
<p>Entrata sinistra / Left inlet</p>		
03	DO2921HH03000	
<p>Entrata sinistra / Left inlet</p>		
04	DO2921HH04000	/
05	DO2921HH05000	
10	DO2921HH10001	/
23	DO2921HH23000	



Compatibilità azionamenti – spole / *Compatibility actuators – spools*

Azionamenti <i>Actuators</i>		Tipologia spola / <i>Spool type</i>					
		01	03	04	05	10	23
L	Manuale / <i>Manual</i>	■	■	■	■	■	■
A	Senza portaleva, appendice standard <i>Without lever holder, standard appendix</i>	■	■	■	■	■	■
T	Predisposizione cavo lato azionamento <i>Cable setting on actuator side</i>	■	■	■	■	■	■
V	Intenzionale verticale / <i>Intentional vertical</i>	■	■	■	■	■	X
O	Intenzionale orizzontale / <i>Intentional horizontal</i>	■	■	■	■	■	X
P	Comando pneumatico / <i>Pneumatic control</i>	■	■	■	■	■	X
H	Comando elettro-idraulico doppio effetto <i>Double acting effect electro-hydraulic control</i>	■	■	■	■	■	X
S	Comando elettro-idraulico singolo effetto bocca A <i>Single acting effect electro-hydraulic control port A</i>	■	■	■	■	■	X
X	Comando elettro-idraulico singolo effetto bocca B <i>Single acting effect electro-hydraulic control port B</i>	■	■	■	■	■	X
■ = Disponibile / <i>Available</i>		X = Non disponibile / <i>Not available</i>					


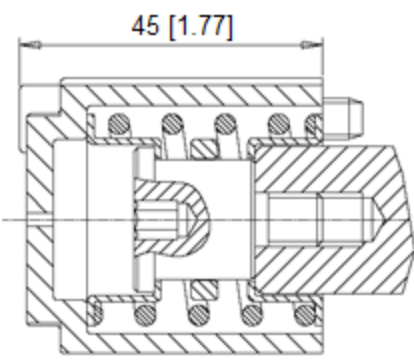
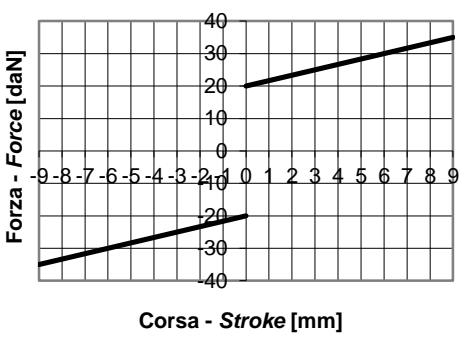

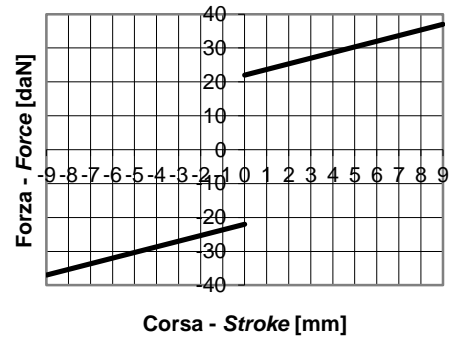
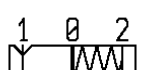
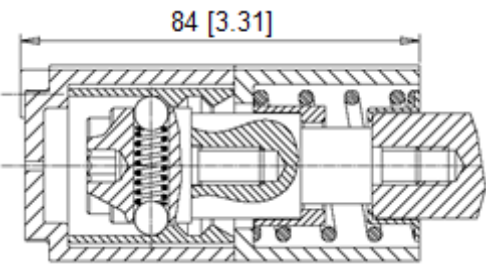
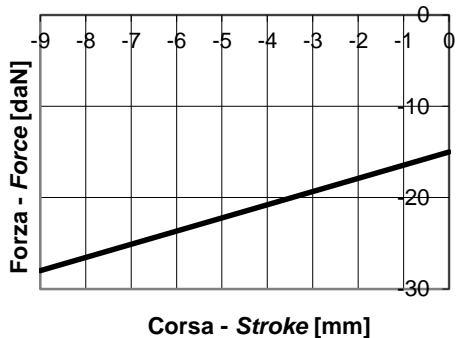


Posizionatori / Spool controls

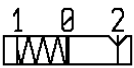
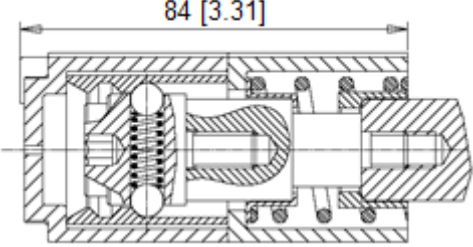
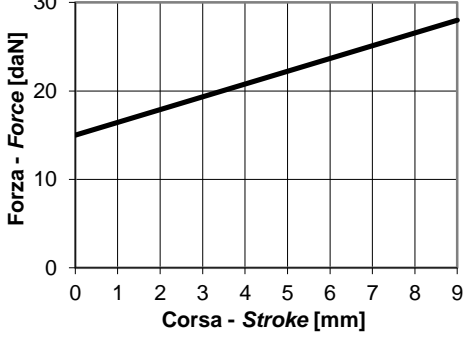
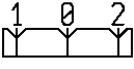
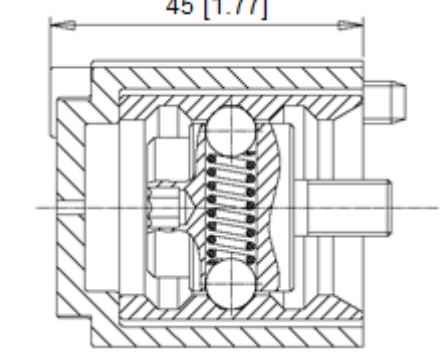
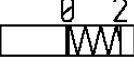
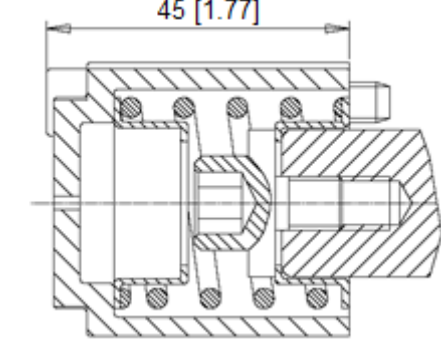
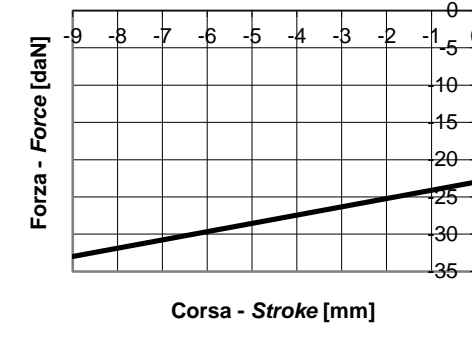
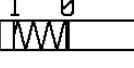
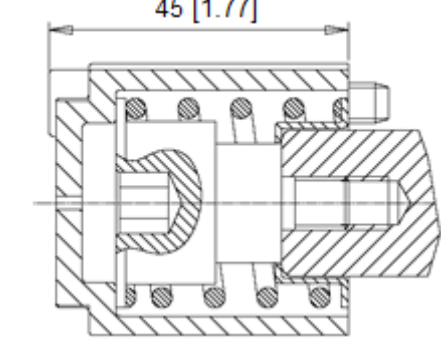
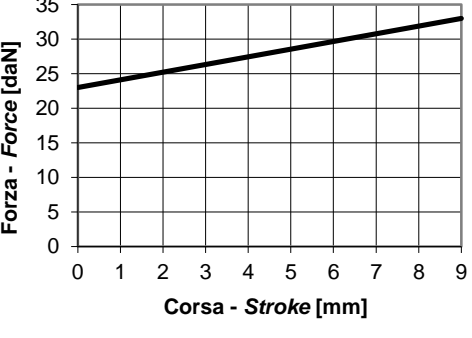
Codice con casella grigia è fuori standard / Code with grey box is not a standard solution

Le forze sono misurate sull'asse spola in condizioni di lavoro, senza flusso di olio. Le forze includono l'attrito e hanno una tolleranza $\pm 10\%$
(Norma di riferimento DVCIPS09)

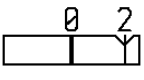
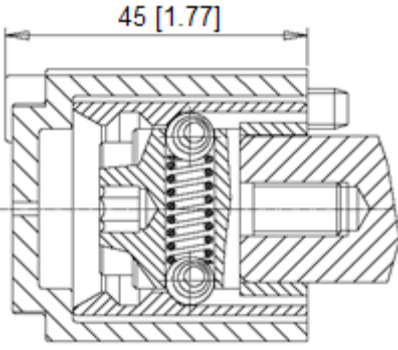
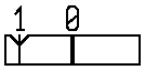
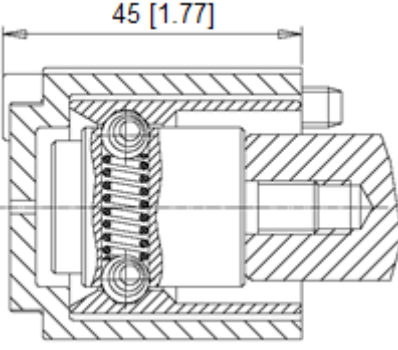
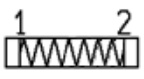
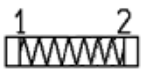
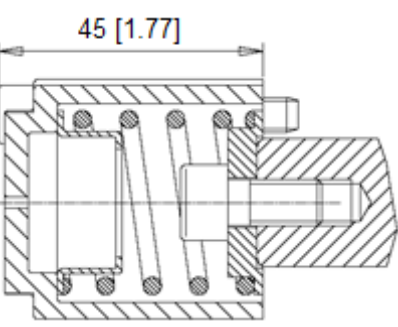
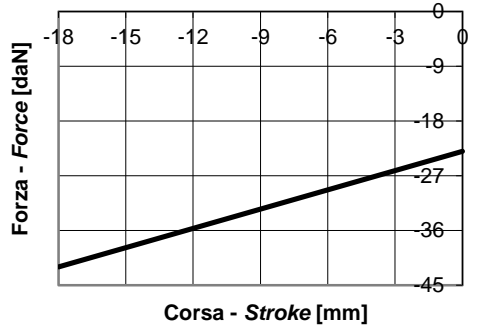
Actuator forces are measured on spool axis in working conditions, with no oil flow. Forces are inclusive of friction and have $\pm 10\%$ tolerance
(Test norms ref. DVCIPS09).

Schema Scheme	Codice Code	Disegno della sezione / Section drawing	
DO580900A01 Standard A-type spool control 	0A		
DO580800A35 For electro-hydraulic control 	0A	/	
DO580900B01 	0B	 Forza aggancio / Hooking force = 15 daN Forza sgancio / Unhooking force = 14 daN	

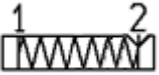
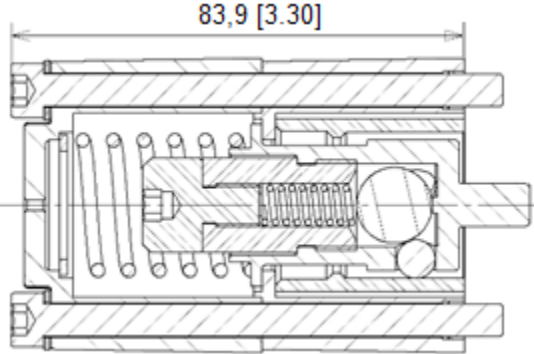
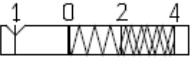
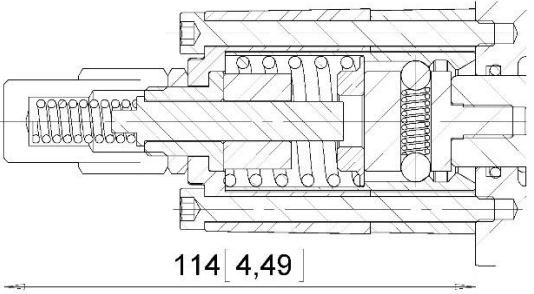


<p>DO580900C01</p> 	<p>0C</p>	 <p>84 [3.31]</p> <p>Forza aggancio / Hooking force = 15daN Forza sgancio / Unhooking force = 14 daN</p>	 <p>Forza - Force [daN]</p> <p>Corsa - Stroke [mm]</p>
<p>DO580900D01</p> 	<p>0D</p>	 <p>45 [1.77]</p> <p>Forza aggancio / Hooking force = 12 daN Forza sgancio / Unhooking force = 11 daN</p>	<p>Forza aggancio / Hooking force = 12 daN Forza sgancio / Unhooking force = 11 daN</p>
<p>DO580900E01</p> 	<p>0E</p>	 <p>45 [1.77]</p>	 <p>Forza - Force [daN]</p> <p>Corsa - Stroke [mm]</p>
<p>DO580900F01</p> 	<p>0F</p>	 <p>45 [1.77]</p>	 <p>Forza - Force [daN]</p> <p>Corsa - Stroke [mm]</p>



<p>DO580900H01</p> 	<p>0H</p>		<p>Forza aggancio / <i>Hooking force</i> = 26 daN Forza sgancio / <i>Unhooking force</i> = 26 daN</p>
<p>DO580900L01</p> 	<p>0L</p>		<p>Forza aggancio / <i>Hooking force</i> = 26 daN Forza sgancio / <i>Unhooking force</i> = 26 daN</p>
<p>DO580900R01</p> 	<p>0R</p>	<p>/</p>	
<p>DO580900S01</p> 	<p>0S</p>		



<p>DO58090SQ03</p> 	<p>SQ</p>	
<p>DO58060TB01</p> 	<p>TB</p>	

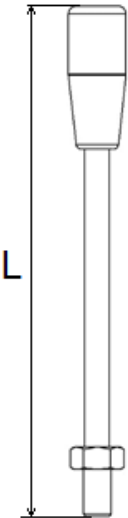
Compatibilità posizionatori – spole / *Compatibility Spool controls – spools*

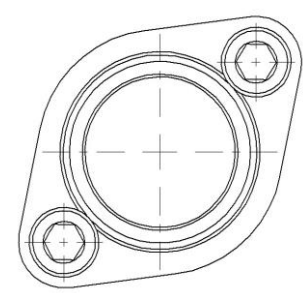
Circuit	0A	0B	0C	0D	0E	0F	0H	0L	0R	0S	SQ	TB
01	■	■	■	■	□	□	□	□	■	■	■	x
03	■	■	■	■	■	■	■	■	■	■	■	x
04	■	■	□	■	□	□	□	□	□	□	■	x
05	■	□	■	■	□	□	□	□	□	□	■	x
10	■	■	■	■	□	■	x	■	□	□	□	x
23	x	x	x	x	x	x	x	x	x	x	x	■



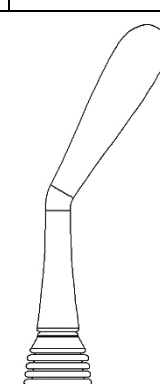
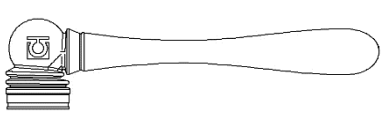
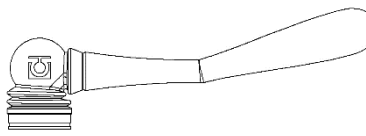
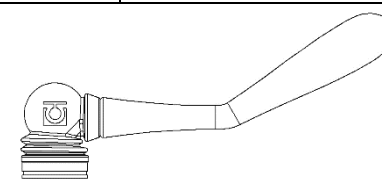


Opzioni leva / Lever options

Dritta, pomello standard / <i>Straight, standard knob</i>			
Opzioni Options	L [mm]	L [inch]	Codice Code
A	109	4,3	DO535110502
B	134	5,28	DO535113002
C	184	7,24	DO535118002
D	214	8,42	DO535121002
E	254	10	DO535125002
F	304	11,97	DO535130002



P	
	<p>Parapolvere / <i>Wiper seal</i></p> <p>Disponibile solo per azionamento A <i>Available only for actuator A</i></p> <p>Pagina / <i>Page</i>: 16</p>

Ergonomica / <i>Ergonomic</i>				L = 180 mm	L = 7,09 inch
L	DO535199901	O	DO535199902	R	DO535199903
 Dritta verticale <i>Straight vertical</i>	 Piegata 15° verticale <i>Bent 15° vertical</i>	 Piegata 30° verticale <i>Bent 30° vertical</i>			
M	DO535199912	Y	/	Q	/
 Dritta orizzontale <i>Straight horizontal</i>	 Piegata 15° orizzontale <i>Bent 15° horizontal</i>	 Piegata 30° orizzontale <i>Bent 30° horizontal</i>			



Filettature bocche T – T1 / Thread ports T – T1

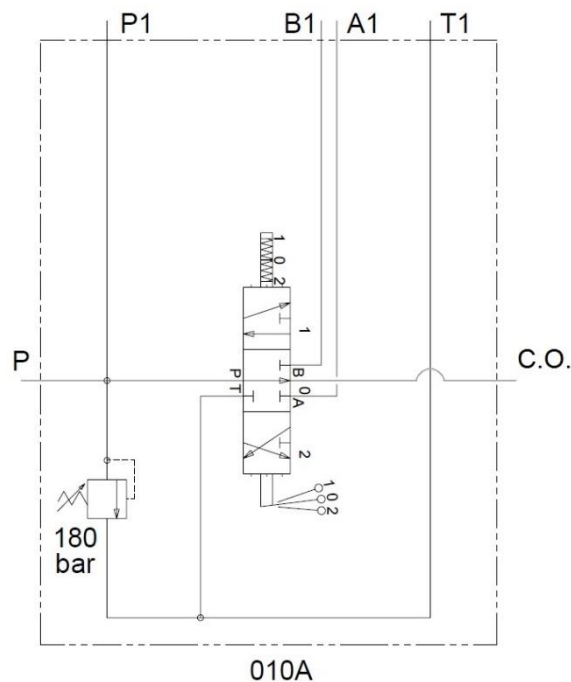
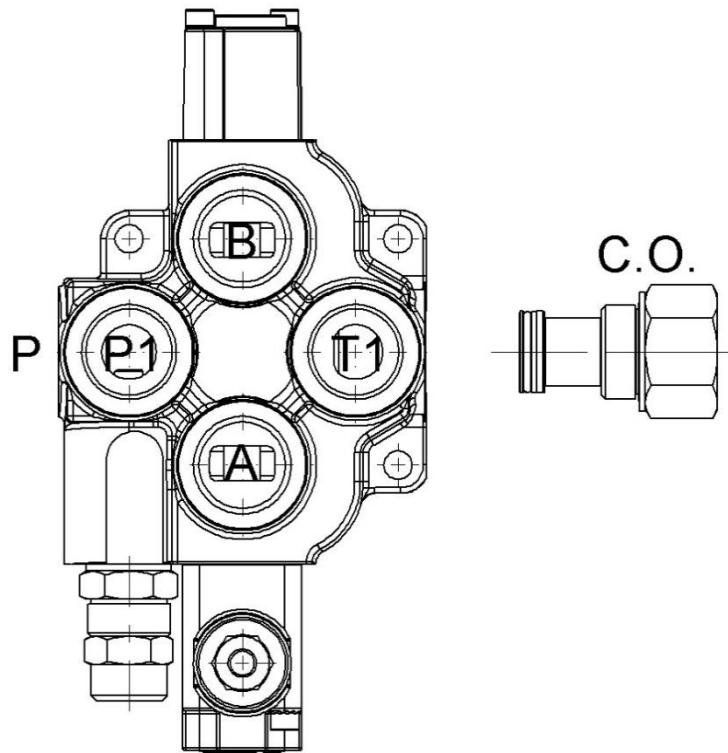
Codice filettatura <i>Thread code</i>	Bocca T <i>Port T</i>	Bocca T1 <i>Port T1</i>	Coppia di serraggio <i>Tightening torque</i> [Nm]
L	/	1/4" GAS ISO 1179	14
F	3/4" GAS ISO 1179	3/4" GAS ISO 1179	140
G	1" GAS ISO 1179	1" GAS ISO 1179	200
3	/	M14x1,5 ISO 9974	10
5	M27x2 ISO 9974	M27x2 ISO 9974	170
6	M33x2 ISO 9974	M33x2 ISO 9974	240
P	/	9/16 – 18 SAE ISO 11926	21
V	1" 1/16–12 SAE ISO 11926	1" 1/16–12 SAE ISO 11926	125
S	1" 5/16–12 SAE ISO 11926	1" 5/16–12 SAE ISO 11926	270
0	/	Non lavorata <i>Not machined</i>	50

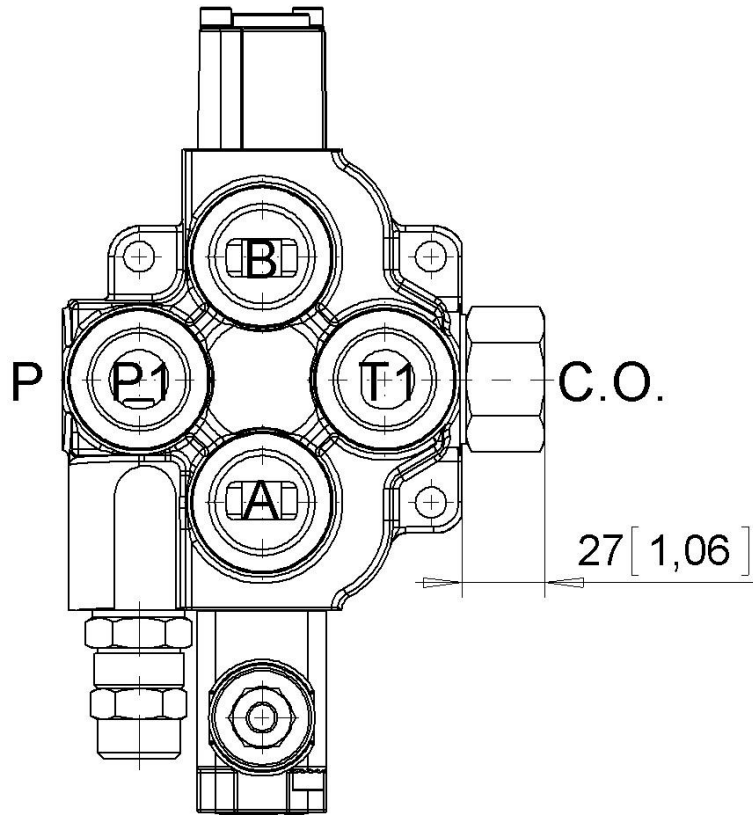
Opzioni su bocche T – T1 / Options on ports T – T1

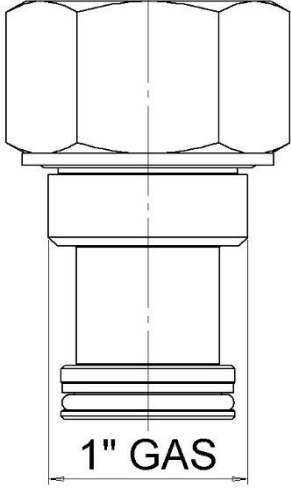
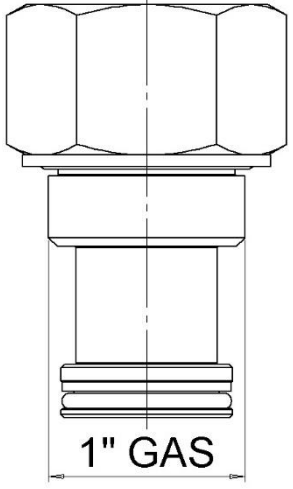
A	T aperto – T1 aperto (Standard)	<i>T open – T1 open (Standard)</i>
B	T aperto – T1 tappato	<i>T open – T1 plugged</i>
C	T tappato – T1 aperto	<i>T plugged – T1 open</i>
D	T aperto – T1 non lavorato	<i>T open – T1 not machined</i>

Opzione sulla linea del T / Option on the T line

B	<p>Carry – Over (C.O.)</p> <p>Tutti i distributori sono predisposti per il carry-over <i>All valves are carry-over predisposed</i></p>
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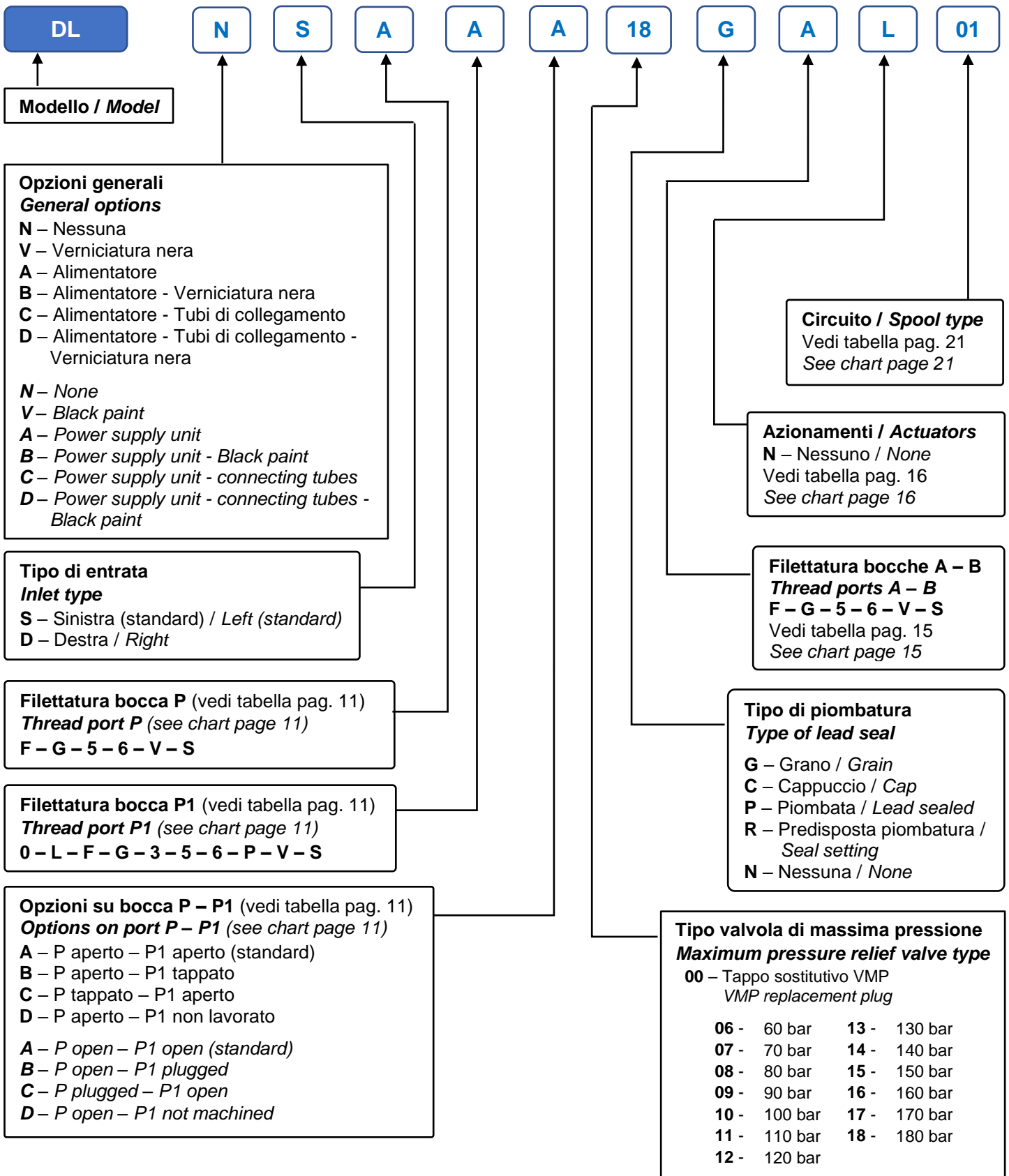


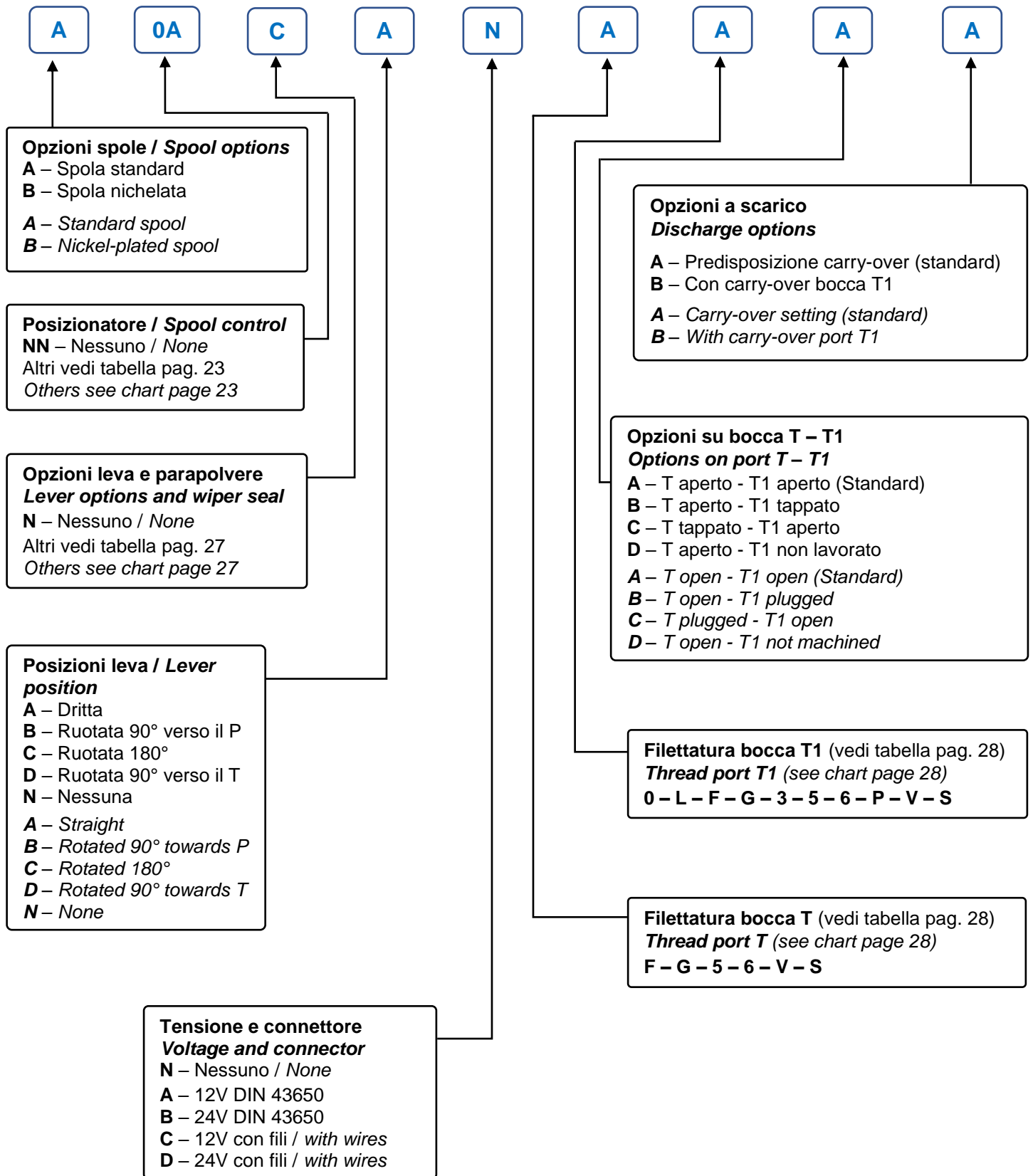
DO53103401	DO53110001
3/4" GAS	1" GAS
	
Coppia di serraggio Tightening torque 200 Nm	Coppia di serraggio Tightening torque 200 Nm





Istruzioni per l'ordinazione / Ordering instructions



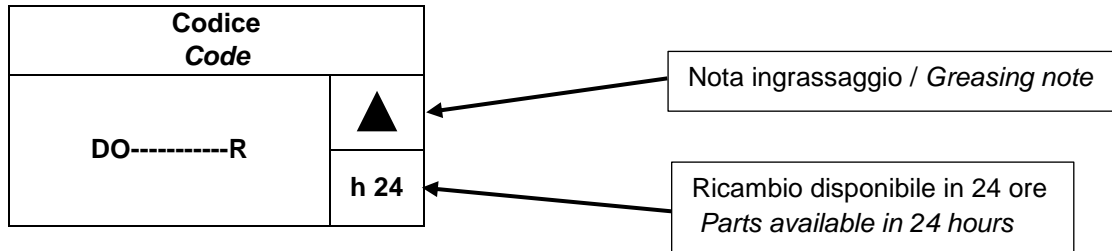


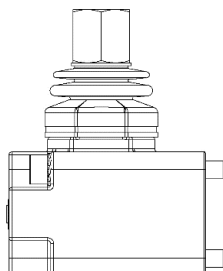
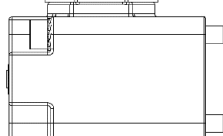
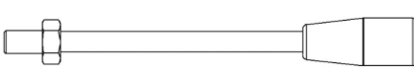
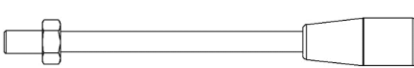
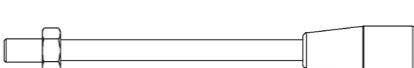
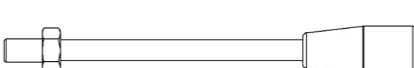




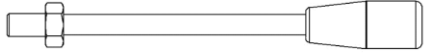
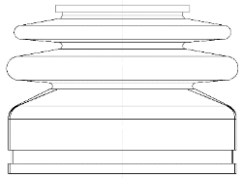
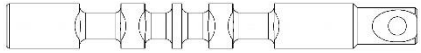
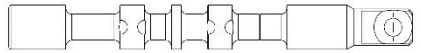
Lista ricambi / Spare part list

Alcuni componenti prima di essere montati devono essere ingrassati
Some components before being mounted must be greased

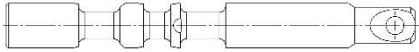
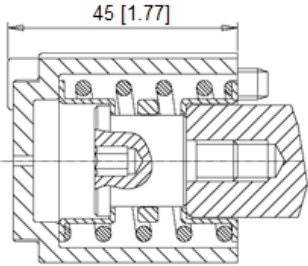
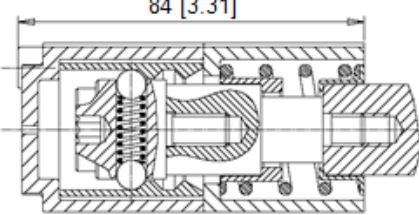
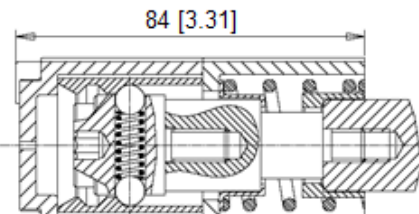
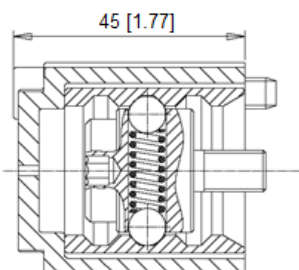


Codice Code	Descrizione Description	Disegno / sezione View / sectional view
DO57011108R	Kit N° 1 Portaleva <i>Kit N° 1 Housing lever</i>	
▲ h 24		
DO57011108R10	Kit N° 10 Portaleva con viti <i>Kit N° 10 Housing lever</i>	
▲ h 24		
DO535118002R	N° 1 Leva M10 x 180 mm <i>N° 1 Lever M10 x 180 mm</i>	
h 24		
DO535118002R20	N° 20 Leva M10 x 180 mm <i>N° 20 Lever M10 x 180 mm</i>	
h 24		
DO535113002R	N° 1 Leva M10 x 130 mm <i>N° 1 Lever M10 x 130 mm</i>	
h 24		
DO535113002R20	N° 20 Leva M10 x 130 mm <i>N° 20 Lever M10 x 130 mm</i>	
h 24		



DO535125002R		N° 1 Leva M10 x 250 mm N° 1 Lever M10 x 250 mm	
	h 24		
DO535125002R20		N° 20 Leva M10 x 250 mm N° 20 Lever M10 x 250 mm	
	h 24		
DO28602001R		N° 1 Soffietto per leva standard N° 1 Hood for standard lever	
	h 24		
DO28602001R20		Kit N° 20 Soffietti per leva standard Kit N° 20 Hoods for standard lever	
	h 24		
DO2921HH01000R	▲	N° 1 spola, circuito 01 N° 1 spool, spool type 01	
DO2921HH01000R05	▲	N° 5 spola, circuito 01 N° 5 spools, spool type 01	Entrata sinistra / Left inlet
DO2921HH03000R	▲	N° 1 spola, circuito 03 N° 1 spool, spool type 03	
DO2921HH03000R05	▲	N° 5 spola, circuito 03 N° 5 spools, spool type 03	Entrata sinistra / Left inlet
DO2921HH04000R	▲	N° 1 spola, circuito 04 N° 1 spool, spool type 04	
DO2921HH04000R05	▲	N° 5 spola, circuito 04 N° 5 spools, spool type 04	/



DO2921HH05000R	▲	N° 1 spola, circuito 05 N° 1 spool, spool type 05	 Entrata sinistra / Left inlet
DO2921HH05000R05	▲	N° 5 spola, circuito 05 N° 5 spools, spool type 05	
DO580900A01R	▲	N° 1 posiziatore 0A N° 1 spool control 0A	 45 [1.77]
DO580900A01R10	▲	N° 10 posiziatore 0A N° 10 spool controls 0A	
DO580900B01R	▲	N° 1 posiziatore 0B N° 1 spool control 0B	 84 [3.31]
DO580900B01R10	▲	N° 10 posiziatore 0B N° 10 spool controls 0B	
DO580900C01R	▲	N° 1 posiziatore 0C N° 1 spool control 0C	 84 [3.31]
DO580900C01R10	▲	N° 10 posiziatore 0C N° 10 spool controls 0C	
DO580900D01R	▲	N° 1 posiziatore 0D N° 1 spool control 0D	 45 [1.77]
DO580900D01R10	▲	N° 10 posiziatore 0D N° 10 spool controls 0D	



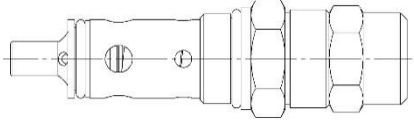
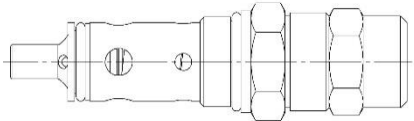
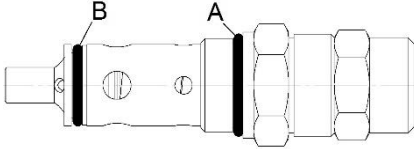
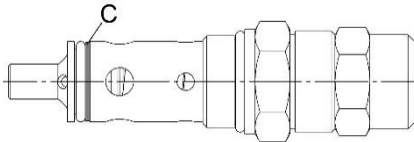
DO580900E01R	▲	N° 1 posiziatore 0E <i>N° 1 spool control 0E</i>	
DO580900E01R10	▲	N° 10 posiziatore 0E <i>N° 10 spool controls 0E</i>	
DO580900F01R	▲	N° 1 posiziatore 0F <i>N° 1 spool control 0F</i>	
DO580900F01R10	▲	N° 10 posiziatore 0F <i>N° 10 spool controls 0F</i>	
DO580900H01R	▲	N° 1 posiziatore 0H <i>N° 1 spool control 0H</i>	
DO580900H01R10	▲	N° 10 posiziatore 0H <i>N° 10 spool controls 0H</i>	
DO580900L01R	▲	N° 1 posiziatore 0L <i>N° 1 spool control 0L</i>	
DO580900L01R10	▲	N° 10 posiziatore 0L <i>N° 10 spool controls 0L</i>	
DO580900S01R	▲	N° 1 posiziatore 0S <i>N° 1 spool control 0S</i>	
DO580900S01R10	▲	N° 10 posiziatore 0S <i>N° 10 spool controls 0S</i>	



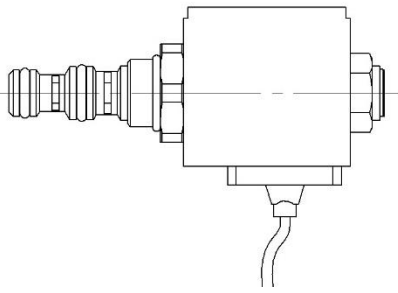
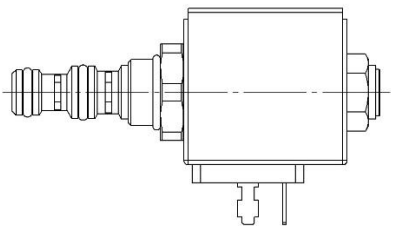
DO58090SQ03R	▲	N° 1 posiziatore SQ N° 1 spool control SQ	
DO58090SQ03R10	▲	N° 10 posiziatore SQ N° 10 spool controls SQ	

DOWPD053-4080R	h 24	N° 1 Cartuccia VMP N° 1 VMP cartridge valve	<p>Taratura / Setting: 80 bar</p>
DOWPD053-4080R05	h 24	N° 5 Cartucce VMP N° 5 VMP cartridge valves	
DOWPD053-4120R	h 24	N° 1 Cartuccia VMP N° 1 VMP cartridge valve	<p>Taratura / Setting: 120 bar</p>
DOWPD053-4120R05	h 24	N° 5 Cartucce VMP N° 5 VMP cartridge valves	
DOWPD053-4130R	h 24	N° 1 Cartuccia VMP N° 1 VMP cartridge valve	<p>Taratura / Setting: 130 bar</p>
DOWPD053-4130R05	h 24	N° 5 Cartucce VMP N° 5 VMP cartridge valves	
DOWPD053-4140R	h 24	N° 1 Cartuccia VMP N° 1 VMP cartridge valve	<p>Taratura / Setting: 140 bar</p>
DOWPD053-4140R05	h 24	N° 5 Cartucce VMP N° 5 VMP cartridge valves	

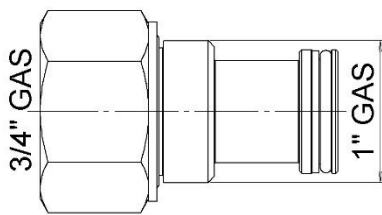
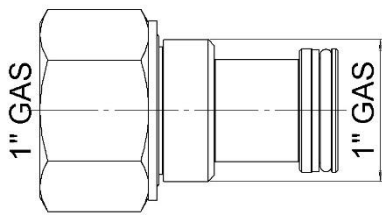


DOWPD053-4160R		N° 1 Cartuccia VMP <i>N° 1 VMP cartridge valve</i>			
	h 24				
DOWPD053-4160R05		N° 5 Cartucce VMP <i>N° 5 VMP cartridge valves</i>		Taratura / <i>Setting</i> : 160 bar	
	h 24				
DOWPD053-4180R		N° 1 Cartuccia VMP <i>N° 1 VMP cartridge valve</i>			
	h 24				
DOWPD053-4180R05		N° 5 Cartucce VMP <i>N° 5 VMP cartridge valves</i>	Taratura / <i>Setting</i> : 180 bar		
	h 24				
DO526A05NN002R50		Kit N°50 OR DO350B23081NBR70 (rif. A) + Kit N°50 OR DO350B17086NBR70 (rif. B)			
	h 24				
DO526B05NN001R50		Kit N°50 BR DO315617 (rif. C)			
	h 24				



DO3130201R		Kit N° 1 cartuccia per comando elettro-idraulico (12 V) <i>Kit N° 1 cartridge valve for electro-hydraulic control (12 V)</i>	
DO3130201R05		Kit N° 5 cartuccia per comando elettro-idraulico (12 V) <i>Kit N° 5 cartridge valve for electro-hydraulic control (12 V)</i>	
DO3130204R		Kit N° 1 cartuccia per comando elettro-idraulico (24 V) <i>Kit N° 1 cartridge valve for electro-hydraulic control (24 V)</i>	
DO3130204R05		Kit N° 5 cartuccia per comando elettro-idraulico (24 V) <i>Kit N° 5 cartridge valve for electro-hydraulic control (24 V)</i>	
DO3130202R		Kit N° 1 cartuccia per comando elettro-idraulico (12 V) <i>Kit N° 1 cartridge valve for electro-hydraulic control (12 V)</i>	
DO3130202R05		Kit N° 5 cartuccia per comando elettro-idraulico (12 V) <i>Kit N° 5 cartridge valve for electro-hydraulic control (12 V)</i>	
DO7KSD5TKKK0001R		Kit N° 1 cartuccia per comando elettro-idraulico (24 V) <i>Kit N° 1 cartridge valve for electro-hydraulic control (24 V)</i>	
DO7KSD5TKKK0001R05		Kit N° 5 cartuccia per comando elettro-idraulico (24 V) <i>Kit N° 5 cartridge valve for electro-hydraulic control (24 V)</i>	



DO53103401R		Kit N° 1 Carry-over	
DO53103401R05		Kit N° 5 Carry-over	
DO53110001R		Kit N° 1 Carry-over	
DO53110001R05		Kit N° 5 Carry-over	
DO526C11NN002R50	h 24	Kit N°50 OR DO350B23047NBR70 (rif. A) + Kit N°50 BR DO315119 (rif. B)	