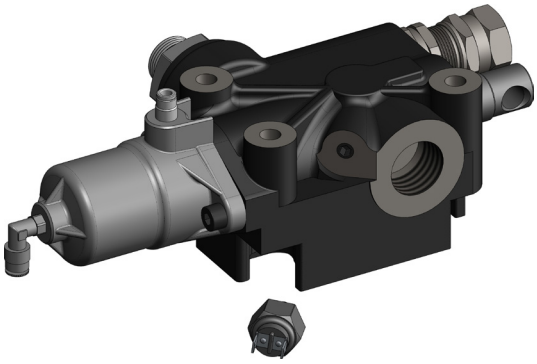
DEVIATORE OLEODINAMICO PROPORZIONALE A COMANDO PNEUMATICO

PROPORTIONAL PNEUMATIC TIPPING VALVE

CODICE FAMIGLIA *FAMILY CODE* **121008**

"MODULAR 200-250"

"DIRECT"



Optional

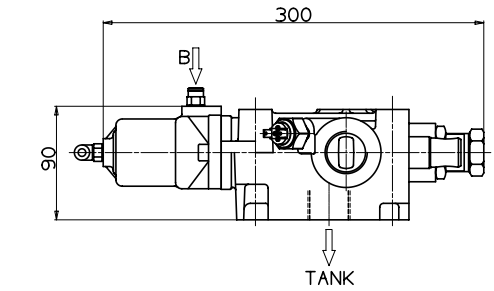
Valvola ad azionamento pneumatico per portate di olio elevate, con schema idraulico a centro aperto in accordo alle direttive CE, particolarmente indicata su ribaltabili pesanti, cava-cantiere e semirimorchi. Utilizzabile con il deviatore pneumatico (tipo N-Force), per ottenere una modulazione continua della velocità di discesa.

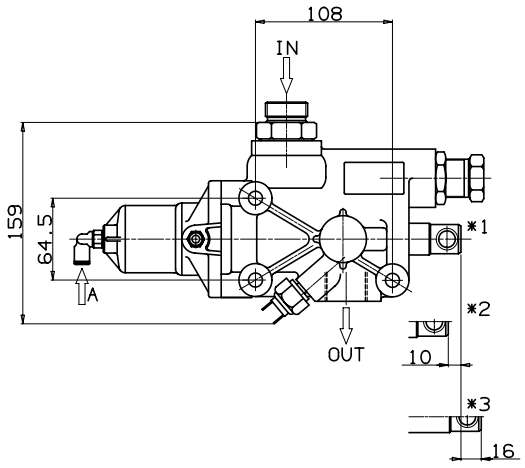
- Valvola di ritegno e valvola di massima pressione registrabile (tipo diretto) incorporate.
- Corpo in ghisa sferoidale per sopportare pressioni fino a 400 bar.
- Possibilità di montaggio a telaio oppure flangiata direttamente al serbatoio.
- Fine-corsa meccanico ad azionamento diretto.
- Predisposizione per segnalatore di pressione.
- Corpo zincato e cursore nichelato.
- Garantito per lavorare con olio a temperature -15+110°C, campo di viscosità 12÷100 cSt e grado di filtrazione 25 µm.

Proportional pneumatic tipping valve suitable for large oil flow applications especially designed for heavy-duty tipper bodies, off-road trucks and semi-trailers. Operated by proportional cab control. Open center hydraulic scheme according to CE standards.

- *Built-in check and adjustable relief valves (direct type).*
- *Nodular cast-iron body for pressure up to 400 bar.*
- *Either Chassis or tank mounting options.*
- *Mechanical Direct End-of-stroke.*
- *Ready for pressure signal switch mounting.*
- *Galvanized body and nickel spool.*
- *Guaranteed for oil temperature range -15+110 °C, viscosity range 12÷100 cSt and oil filtering 25 µm.*

99740012120





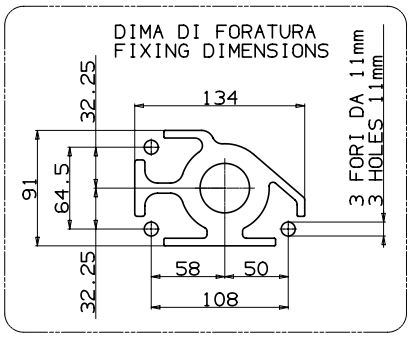
A= DISCESA PROPORZIONALE
PROPORTIONAL LOWERING

B= SALITA
TIPPING

*1= POSIZIONE DI RIPOSO
REST POSITION

*2= POSIZIONE DI SALITA
TIPPING

*3= POSIZIONE DI DISCESA
LOWERING



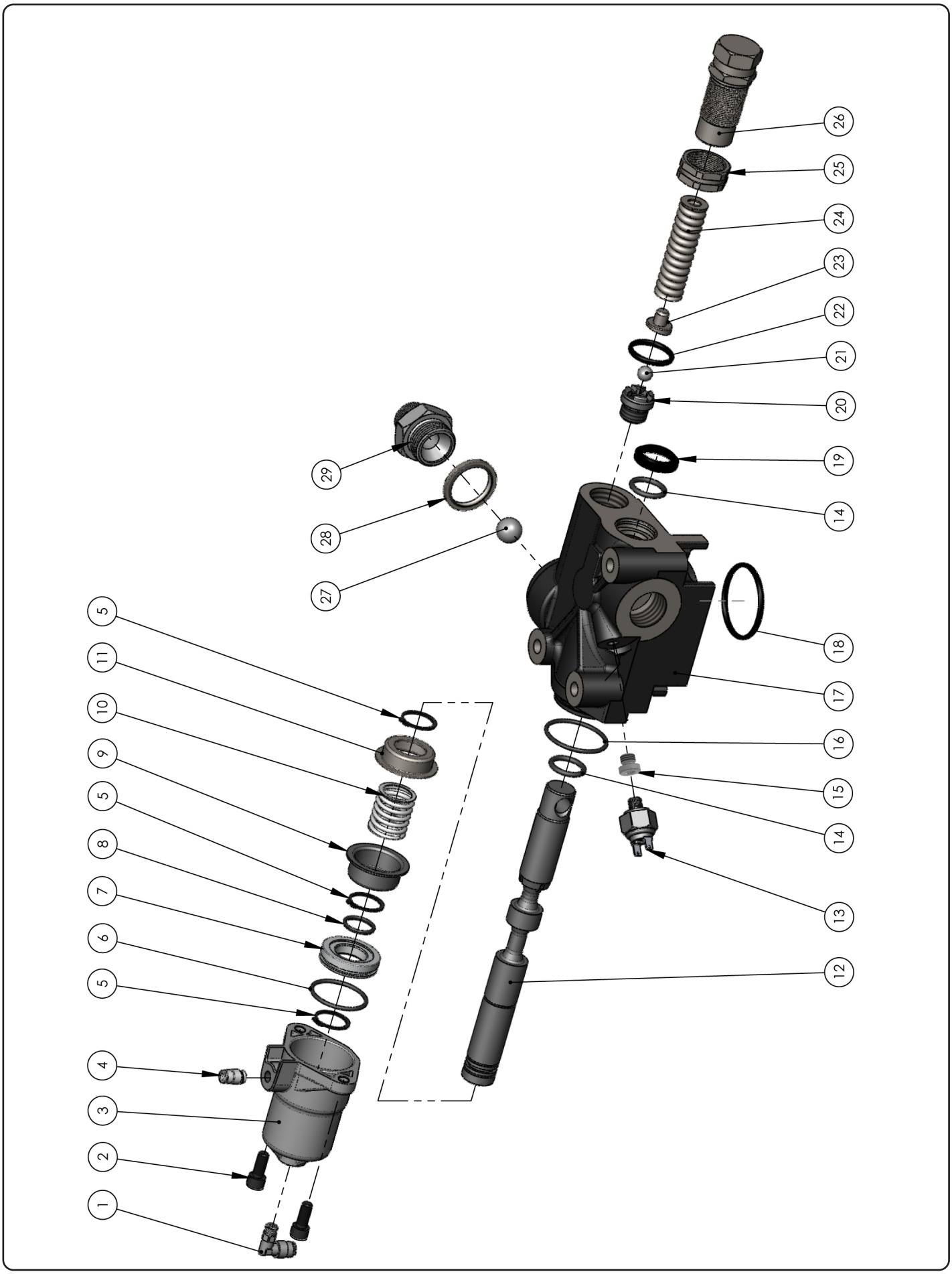
26/08/2019

Tipo deviatore *Tipping valve type*	Codice ordinazione *Order code*	IN ISO 228	TANK ISO 228	OUT ISO 228	Peso *Weight* Kg
MODULAR 200 CE	12100800050	G 3/4	G 1	G 1	6,8
MODULAR 250 CE	12100800041	G 1			

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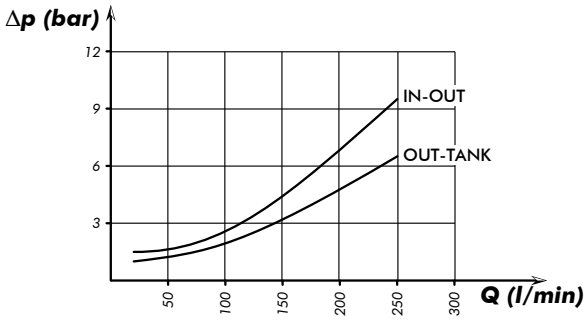
N°	Codice / *P. Number*	Descrizione / *Description*		Q.
1	*10001700188*	Raccordo a 90° 1/8"	*Fitting 90° 1/8"*	1
2	*50200300548*	Vite TCE M8x20	*Screw TCE M8x20*	1
3	*53700400259*	Cilindro pneumatico pressofuso	*Die cast pneumatic cylinder*	1
4	*10001700151MM*	Raccordo diritto	*Straight fitting*	1
5	*50100200229*	Anello seeger	*Circlip*	3
6	*50600200309*	Guarnizione OR (2,62 x 39,34)	*O-Ring (2,62 x 39,34)*	1
7	*53200300143*	Pistone	*Piston*	1
8	*50600200158*	Guarnizione OR (2,62 x 20,24)	*O-Ring (2,62 x 20,24)*	1
9	*53400100203*	Anello guida molla	*Spring guide ring*	1
10	*51200600302*	Molla ritorno cursore	*Spool return spring*	1
11	*53400100141*	Anello guida molla	*Spring guide ring*	1
12	*53600300583*	Cursore 25	*Spool 25*	1
13	*12200900011*	Idrostop (OPTIONAL)	*Pressure switch (OPTIONAL)*	1
14	*50600300059*	Guarnizione OR (3,53 x 24,99)	*O-Ring (3,53 x 24,99)*	2
15	*11500900016*	Tappo acciaio 1/8"	*Steel plug 1/8"*	1
16	*50600200336*	Guarnizione OR (2,62 x 44,12)	*O-Ring (2,62 x 44,12)*	1
17	*52000300102*	Corpo deviatore	*Distributor body*	1
18	*50600300264*	Guarnizione OR (3,53 x 50,80)	*O-Ring (3,53 x 50,80)*	1
19	*50600001819*	Guarnizione raschiatore poliuretano	*Polyurethane scraper seal*	1
20	*54000000167*	Tappo guida sfera	*Ball bearing guide cap*	1
21	*51000900116*	Sfera 7/16"	*Ball 7/16"*	1
22	*50600300086*	Guarnizione OR (3,53 x 28,17)	*O-Ring (3,53 x 28,17)*	1
23	*54200100091*	Pistone guida molla	*Spring drive piston*	1
24	*51200500849*	Molla	*Spring*	1
25	*50500000581*	Dado	*Nut*	1
26	*54000300413*	Tappo regolazione valvola max	*Max valve regulation cap*	1
27	*51000900214*	Sfera 3/4"	*Ball 3/4"*	1
28	*11600911002*	Rondella acciaio-gomma	*Steel-rubber washer*	1
29	*54000700204* **Modular 250**	Tappo vlv.rtg. 1"	*Plug* vlv.rtg. 1"	1
	54000700213 **Modular 200**	Tappo vlv.rtg. 3/4"	*Plug* vlv.rtg. 3/4"	

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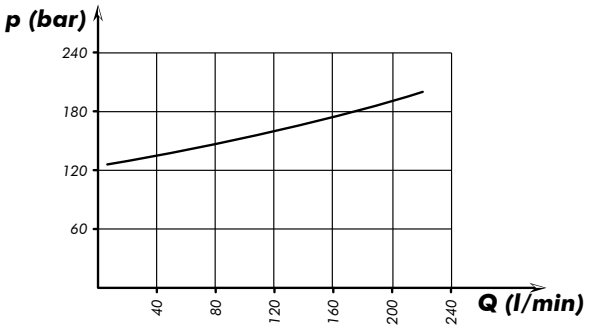
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Tipo deviatore *Tipping valve type*	Codice ordinazione *Order code*	Pressioni *Pressure values* Taratura standard *Standard pressure setting* bar	 Taratura massima *Max. pressure setting* bar	Portata *Flow* l/min
MODULAR 200 CE	12100800050	160	280	200
MODULAR 250 CE	12100800041			250

Perdite di carico deviatore
Tipping valve pressure drops

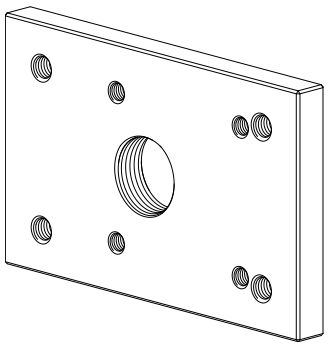


Curva caratteristica p-Q valvola di massima
p-Q operating curve for pressure relief valves

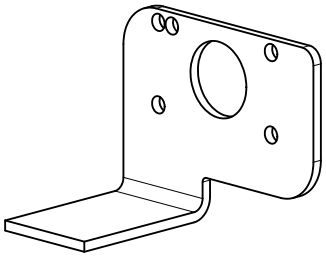


Rilievi eseguiti con olio ISO VG 46 a 40°
The graph refers to oil type ISO VG 46 a 40°

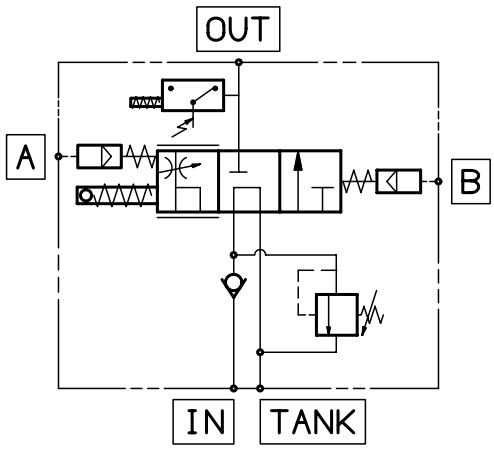
Piastra fissaggio
Mounting plate for tank
12199100194



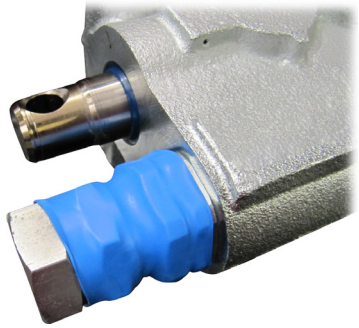
Piastra supporto
Mounting plate for chassis
12199100069



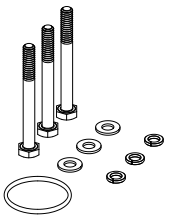
Schema di funzionamento
Functional diagram



OPTIONAL
Sigillo di garanzia/*Safety sealing*
12190100110



Da ordinare separatamente
Must be ordered separately



Kit fissaggio codice / *Mounting kit p/n:*
12199400502

Q.	Descrizione / *Description*	
3	Vite TE M10 L=105mm	*Screw M10 TE L=105mm*
3	Rondelle piane per M10	*Washer M10*
3	Rondelle elastiche per M10	*Spring washet M10*
1	Guarnizione OR	*O-ring*

Deviatore *Tipping valve*	Applicazioni standard *Standard applications*	Serbatoi Dal Barco tipo BQ in Fe Coated steel tanks Dal Barco BQ type
MODULAR 250	12199400502	12199400888
MODUL-TRUCK	12199400888	12199401252

Kit guarnizioni / *Seal kit:*
12190002002

99740012120
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