

DEVIATORE OLEODINAMICO A COMANDO MECCANICO

MECHANICAL TIPPING VALVE

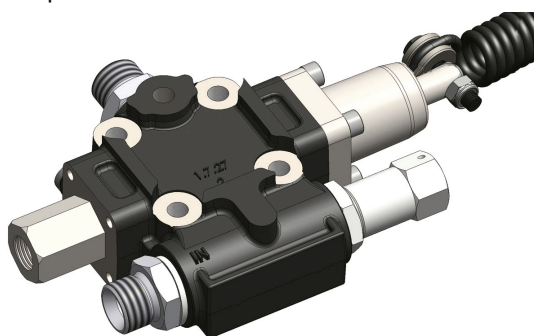
CODICE FAMIGLIA
FAMILY CODE

121010

"FM-40"



Optional

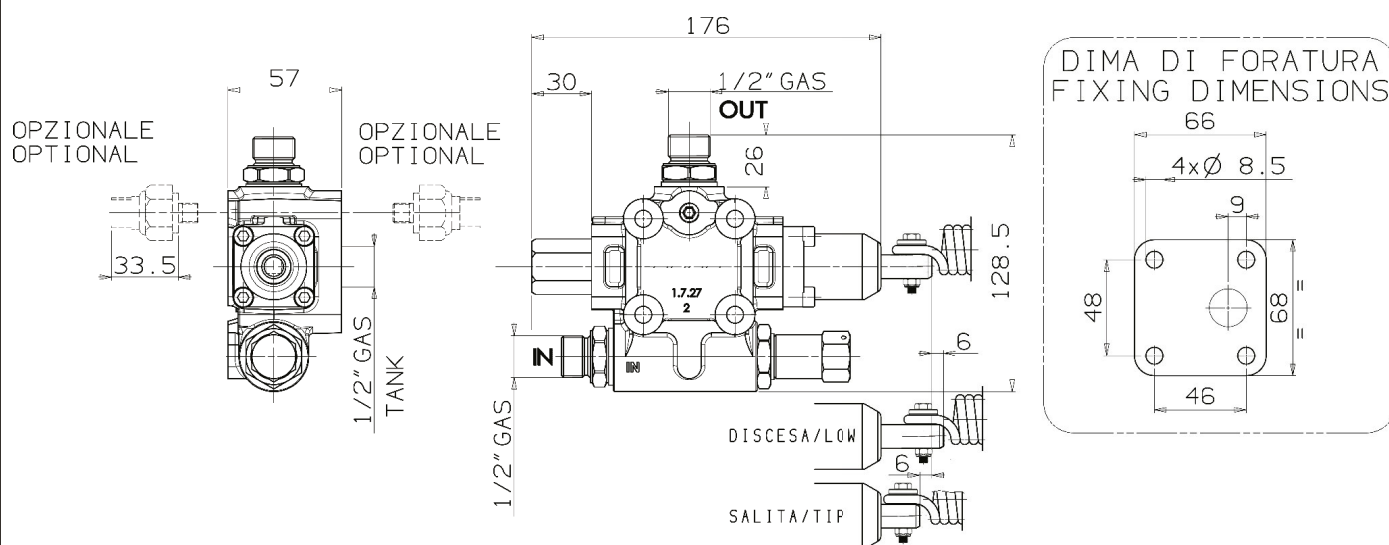


Valvola ad azionamento manuale (tramite telecomando tipo Linea o Linea "Block"-guaina BLU con attacco baionetta), per il comando di ribaltabili leggeri, con schema idraulico a centro aperto in accordo alle direttive CE.

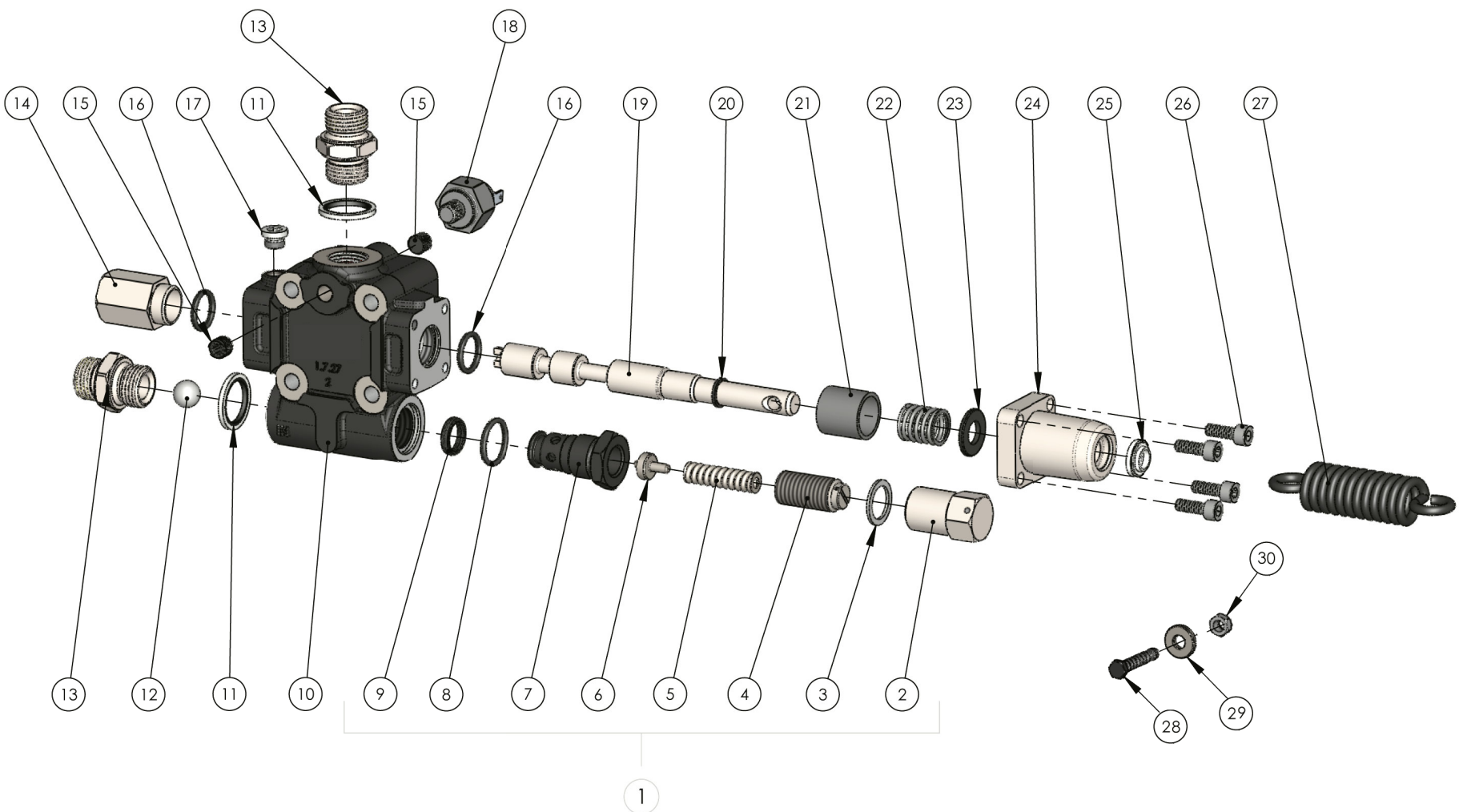
- Valvola di ritegno e valvola di massima pressione registrabile incorporate.
- Possibilità di montaggio a telaio oppure flangiata direttamente al serbatoio (DSM).
- Fine-corsa meccanico ad azionamento diretto con molla parastrappi.
- Predisposizione per segnalatore di pressione.
- Corpo zincato e cursore nichelato.
- Ingombri ridotti.
- Garantito per lavorare con olio a temperature $-15+110^{\circ}\text{C}$, campo di viscosità $12\div 100$ cSt e grado di filtrazione $25\text{ }\mu\text{m}$.

Mechanical tipping valve operated by cable controls series **LINEA** or **LINEA BLOCK** - **BLU** sheath with bayonet system to suit light duty tipper trucks. Open center hydraulic scheme according to CE standards.

- Built-in check and adjustable relief valves.
- Either Chassis or tank (DSM kit) mounting options.
- Mechanical Direct End-of-stroke with anti-shock spring.
- Ready for pressure signal switch mounting.
- Galvanized body and nickel spool.
- Compact size.
- Guaranteed for oil temperature range $-15+110^{\circ}\text{C}$, viscosity range $12\div 100$ cSt and oil filtering $25\text{ }\mu\text{m}$.



Tipo deviatore Tipping valve type	Codice ordinazione Order code	IN	TANK	OUT	Peso Weight Kg
FM-40 CE	12101000252	ISO 228 G 1/2	ISO 228 G 1/2	ISO 228 G 1/2	



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**COMPANY WITH
QUALITY SYSTEM
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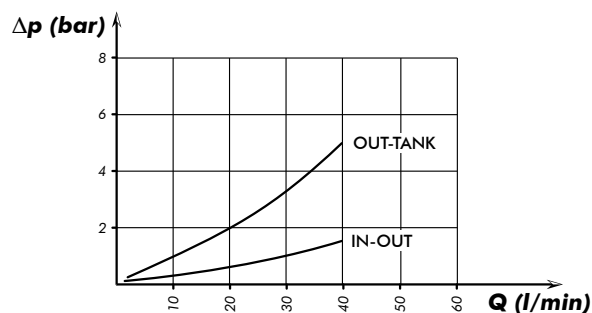
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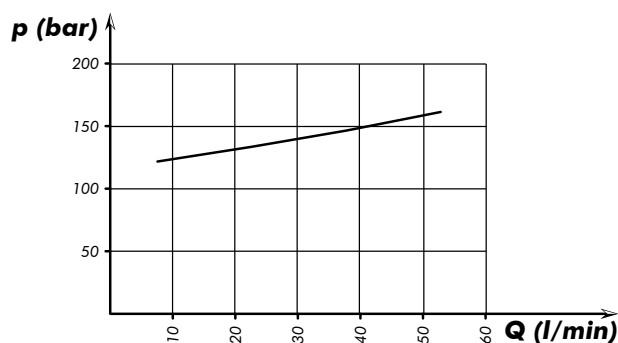
N°	Codice / P. Number	Descrizione / Description		Q.
1	12109000809	Valvola di max	Relief valve	1
2	54000600045	Tappo CH=22	Plug CH=22	1
3	11600900309	Rondella alluminio 17x23x1,5	Aluminium washer 17x23x1,5	1
4	50400000172	Grano registro	Register dowel	1
5	51200500983	Molla valvola di max	Max valve spring	1
6	54300100142	Perno di tenuta	Seal hinge	1
7	52000600289	Corpo valvola max cartridge	Max valve cartridge body	1
8	50600200158	Guarnizione OR (2,62 x 20,24)	O-Ring (2,62 x 20,24)	1
9	50600000507	Guarnizione Ø 14	Gasket Ø 14	1
10	52000300424	Corpo deviatore	Distributor body	1
11	11600910129	Rondella acciaio-gomma (21,5x28,5x2,5)	Steel-rubber washer (21,5x28,5x2,5)	2
12	51000900143	Sfera 17/32"	Ball 17/32"	1
13	11600600106	Nipplo doppio 1/2" x 1/2"	Nipple 1/2" x 1/2"	2
14	54000500377	Tappo	Plug	1
15	50401000063	Grano conico 1/8"	Grub screw 1/8"	2
16	50600200112	Guarnizione OR (2,62 x 15,88)	O-Ring (2,62 x 15,88)	2
17	10099000028	Tappo 1/8"	Plug 1/8"	1
18	12200900011	Idrostop (OPTIONAL)	Pressure switch (OPTIONAL)	1
19	53600300636	Cursore Ø 16	Spool Ø 16	1
20	50100000258	Anello seeger	Circlip	1
21	53400100436	Anello guida molla	Spring guide ring	1
22	51200501311	Molla ritorno	Return spring	1
23	52900000116	Rondella rasamento	Trim washer	1
24	53700400393	Cilindro	Cylinder	1
25	50600001828	Guarnizione raschiatore poliuretano	Polyurethane scraper seal	1
26	50200200441	Vite TCE M6x18	Screw TCE M6x18	4
27	51200300047	Molla trazione finecorsa	Limit switch traction spring	1
28	50200200085	Vite M6x30 UNI 5739	Screw M6x30 UNI 5739	1
29	50501000016	Dado autobl. M6	Self locking nut M6	1
30	53000100934	Distanziale	Spacer	1

Tipo deviatore Tipping valve type	Codice ordinazione Order code	Pressioni Pressure values		Portata Flow
		Taratura standard Standard pressure setting bar	Taratura massima Max. pressure setting bar	
FM-40 CE	12101000252	140	240	40

Perdite di carico deviatore
Tipping valve pressure drops



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

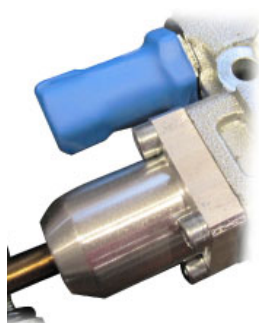


Rilievi eseguiti con olio ISO VG 46 a 40°
The graph refers to oil type ISO VG 46 a 40°

99740012120

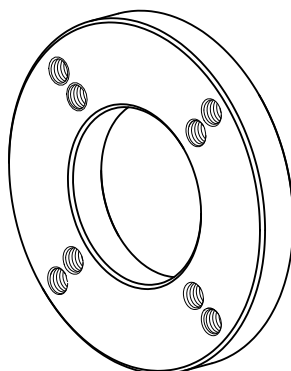
OPTIONAL

Sigillo di garanzia/Safety sealing
12190100129

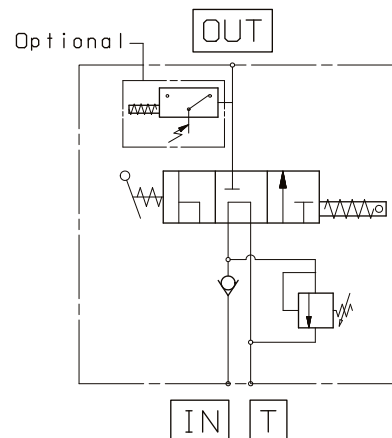


Da ordinare separatamente
Must be ordered separately

Piastra fissaggio
Mounting plate for tank
12199100112

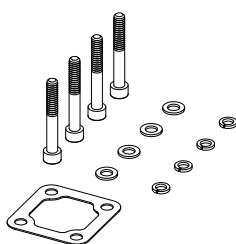


Schema di funzionamento
Functional diagram



13/01/2022

Kit guarnizioni :
Seal kit:
12190000559



Kit fissaggio codice: 12199400306
Mounting kit p/n:

Q.tà Q.ty	Descrizione Description	
4	Vite TCE M8 L=60	Screw M8 TCE L=60
4	Rondelle piane per M8	Washer M8
4	Rondelle elastiche per M8	Spring washer M8
1	Guarnizione piana	Gasket

99712101003 Rev: AI