Know-how
Solutions
Products

Compact power pack **PU10**

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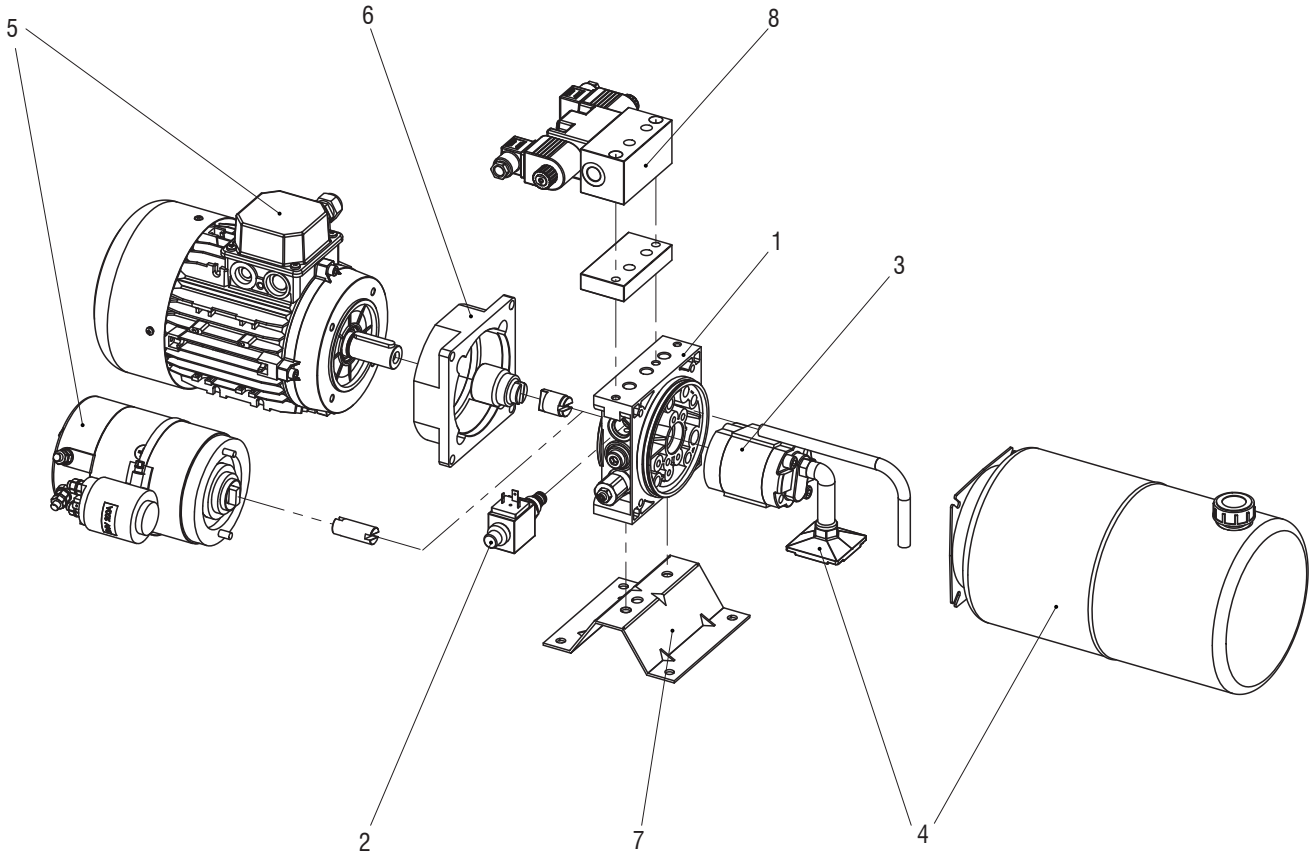
Position Posizione	1	2	3	4	5	6	7	8
PU10	_ _ _ / _	_ _ _ _ / _ _ / _	_ _ _ _	_ _ _ _ _	_ _ _ _ **/ _ / _	_ _ _ _	_ _ / _ _ _	_ _ _ / _ / _ _
Description	Central manifold, relief valve	Screw-in valves	Pump	Oil Tank, pipes, filter	Electric motor, starting relay, protection	Junction elements	Assembly position, support	Modular elements, ports, solenoids
Descrizione	Collettore centrale, valvola di massima	Valvole integrate	Pompa	Serbatoio, tubi, filtro	Motore elettrico, relè di avviamento, protezione	Elementi di connessione	Posizione di montaggio, supporti	Elementi modulari, attacchi, solenoidi



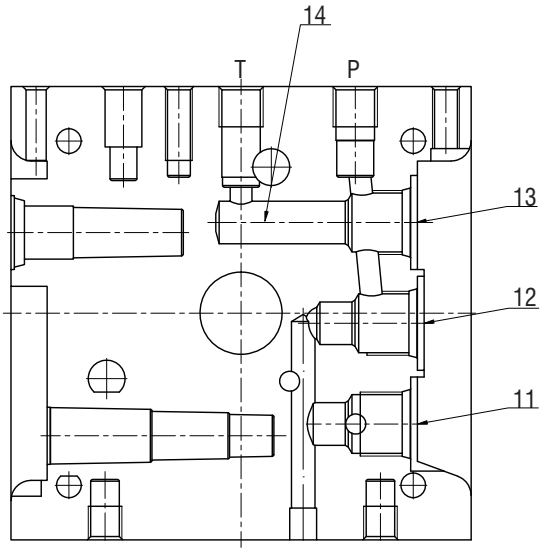
CODE EXAMPLE:
ESEMPIO DI CODICE:

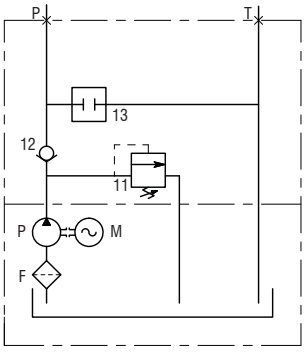
Position Posizione	1	2	3	4	5	6	7	8
PU10	**A1A / Y**	**NCE / OB / D**	**PG07**	**SL47H**	**C204 / D / 0**	**FC02**	**1H / G01**	**B03 / 2 / 00**
Page Pagina	**2 / 2**	**12 / 14 / 18**	**22**	**25**	**38 / 39 / 39**	**41**	**42 / 42**	**45 / 49 / 49**

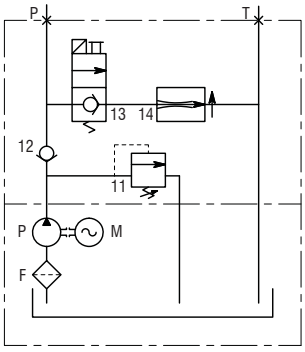
Rev. 1.1

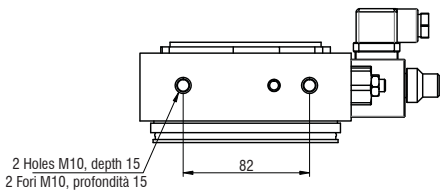
CODE	A1A*	
Relief valve Valvola di massima		Pressure range (bar) Campo di taratura
VMC1	W	10 - 60
	X	30 - 150
	Y	50 - 250
	Z	80 - 360

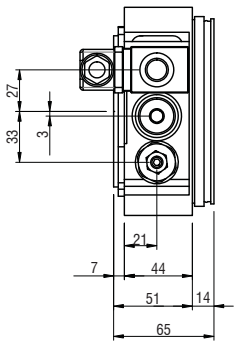
(*) Add C for version with elastic coupling
(*) Aggiungere C per la versione con giunto elastico

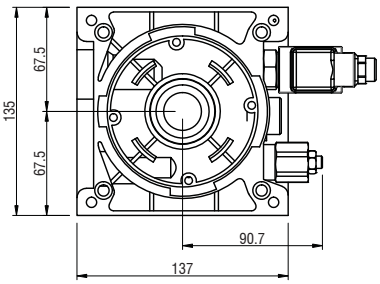


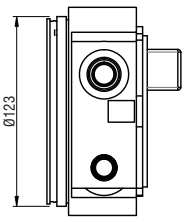


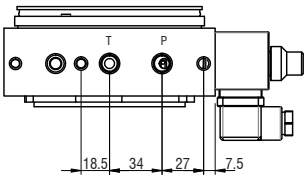












P - T = G 1/4”

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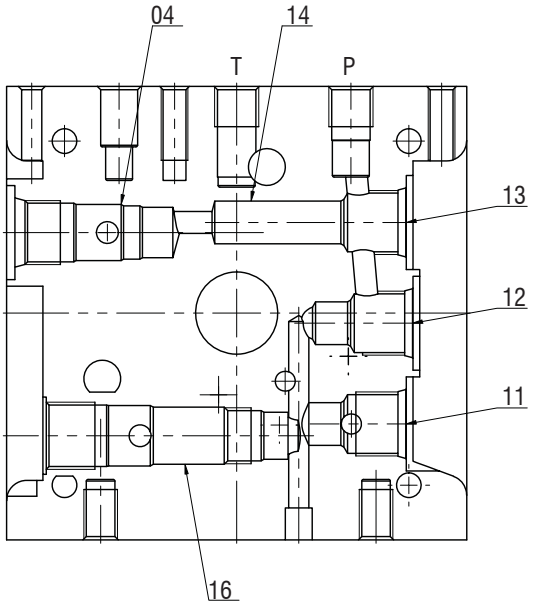
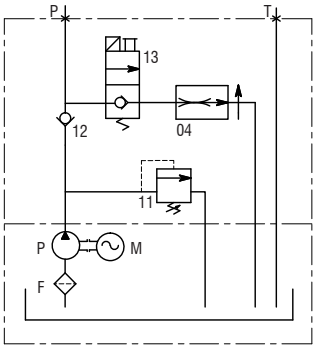
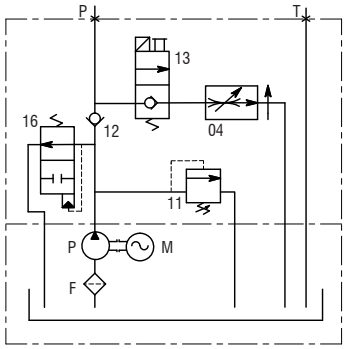
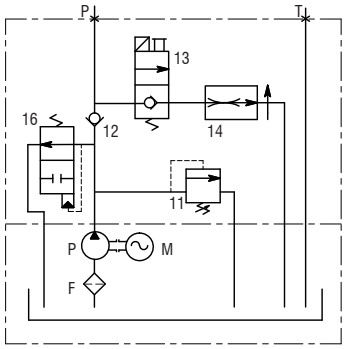
CODE	A1B*	
Relief valve Valvola di massima		Pressure range (bar) Campo di taratura
VMC1	W	10 - 60
	X	30 - 150
	Y	50 - 250
	Z	80 - 360

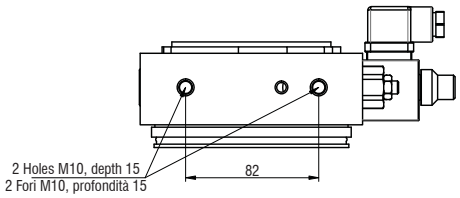
(*) Add C for version with elastic coupling
(*) Aggiungere C per la versione con giunto elastico

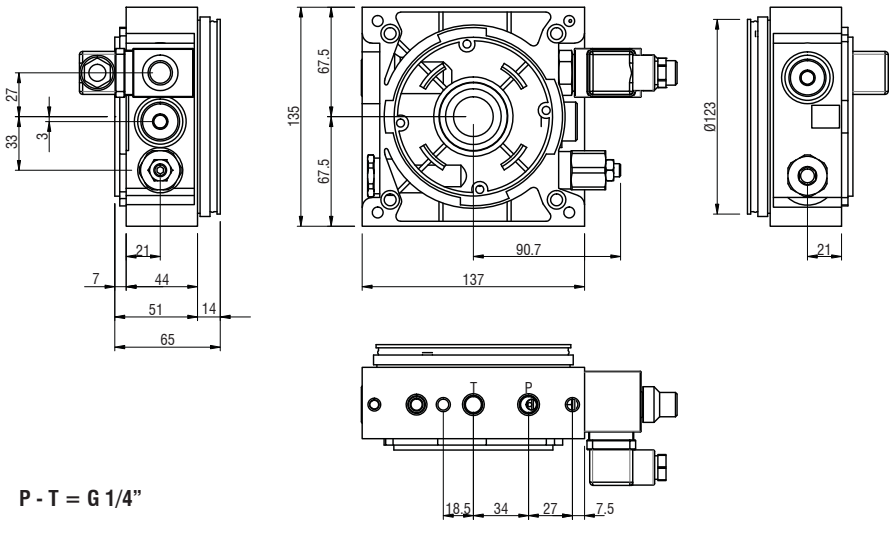












P - T = G 1/4”

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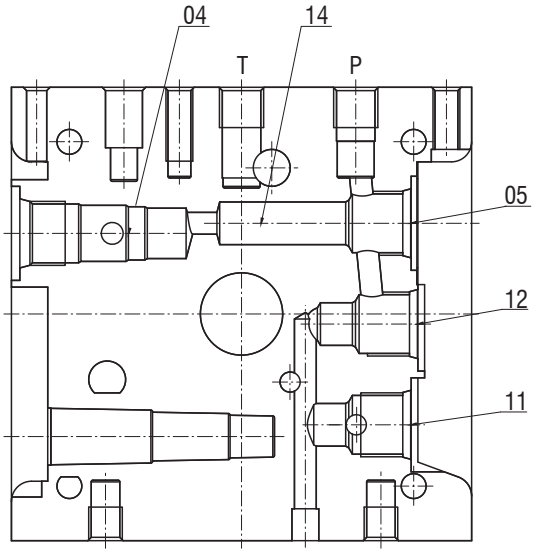
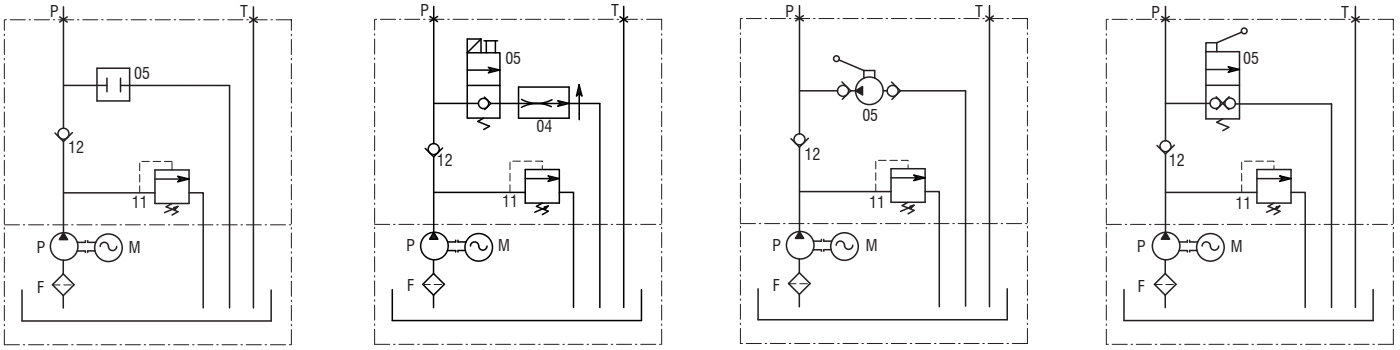
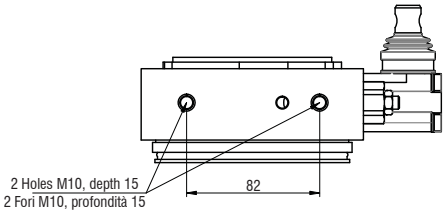
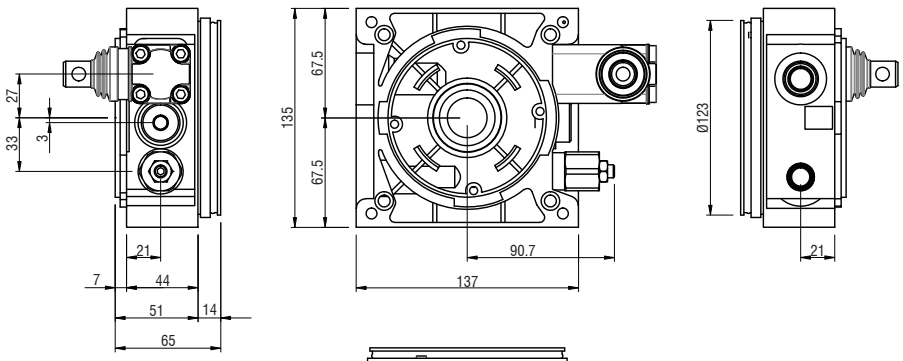
CODE	A1C*	
Relief valve Valvola di massima		Pressure range (bar) Campo di taratura
VMC1	W	10 - 60
	X	30 - 150
	Y	50 - 250
	Z	80 - 360

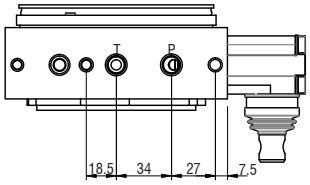
(*) Add C for version with elastic coupling
(*) Aggiungere C per la versione con giunto elastico











P - T = G 1/4”

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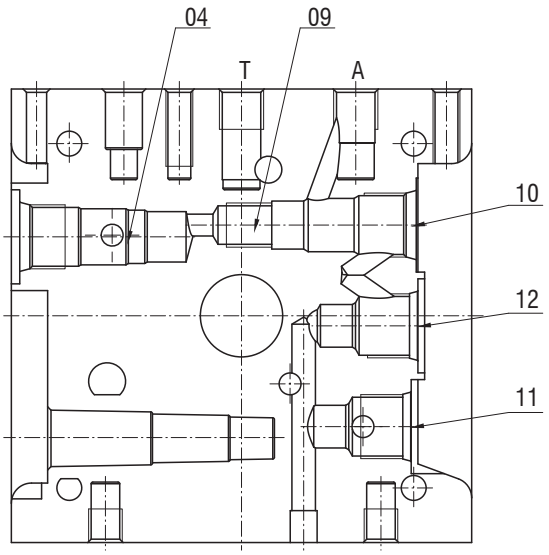
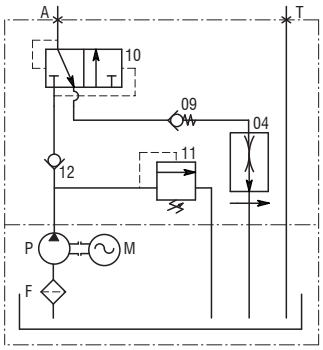
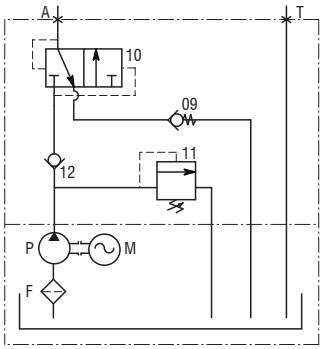
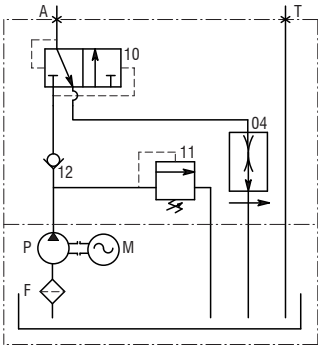
CODE	A1D*	
Relief valve Valvola di massima		Pressure range (bar) Campo di taratura
VMC1	W	10 - 60
	X	30 - 150
	Y	50 - 250
	Z	80 - 360

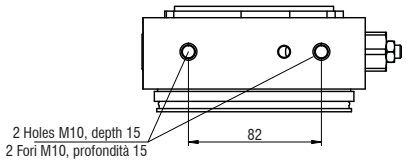
(*) Add C for version with elastic coupling
(*) Aggiungere C per la versione con giunto elastico

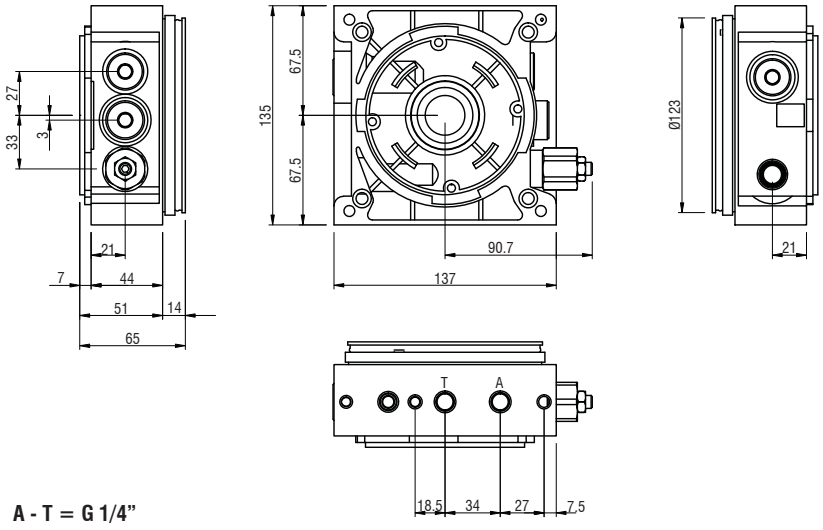










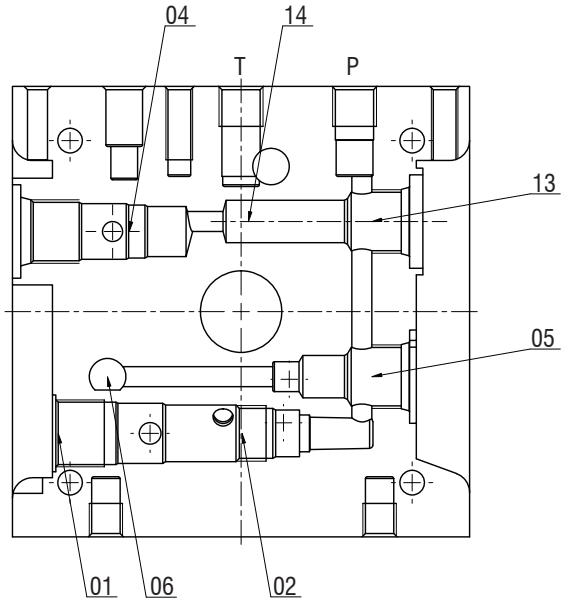


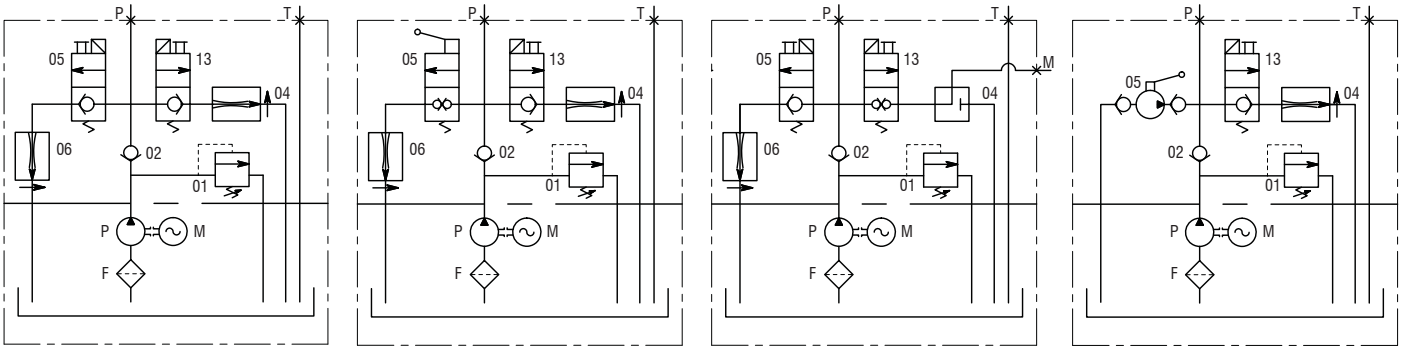
A - T = G 1/4”

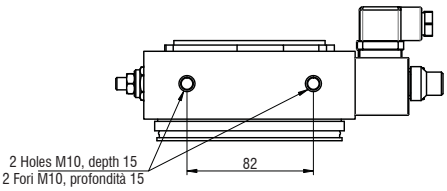
Rev. 1.1

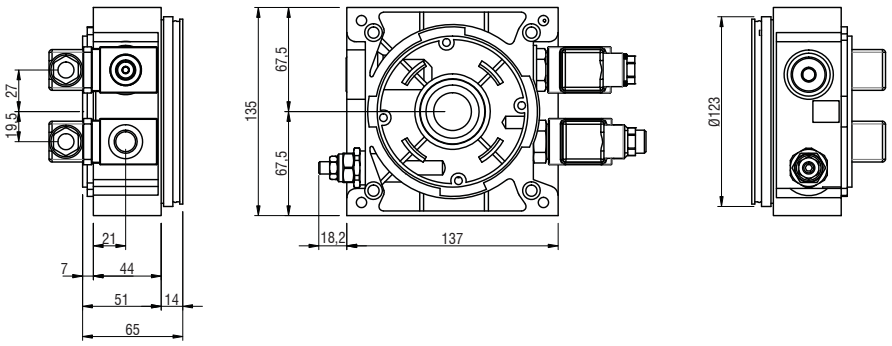
CODE	B2A*	
Relief valve Valvola di massima		Pressure range (bar) Campo di taratura
VML1	W	10 - 60
	X	30 - 150
	Y	50 - 250
	Z	80 - 360

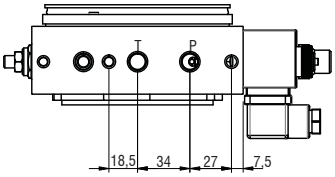
(*) Add C for version with elastic coupling
(*) Aggiungere C per la versione con giunto elastico











P - T = G 1/4”

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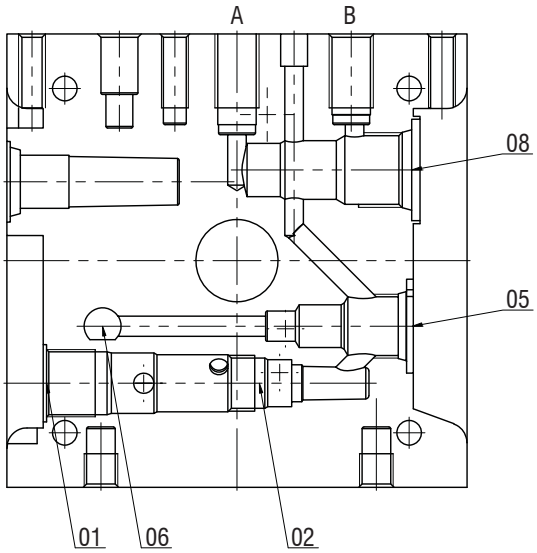
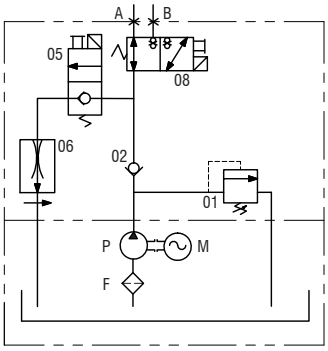
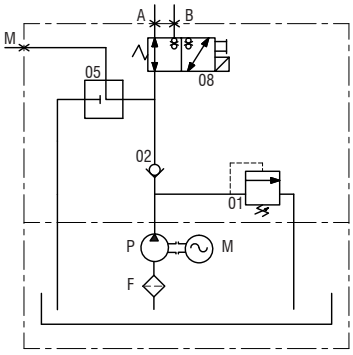
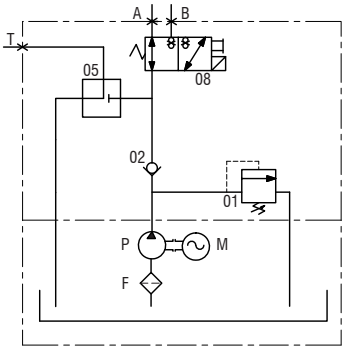
CODE	B3B*	
Relief valve Valvola di massima		Pressure range (bar) Campo di taratura
VML1	W	10 - 60
	X	30 - 150
	Y	50 - 250
	Z	80 - 360

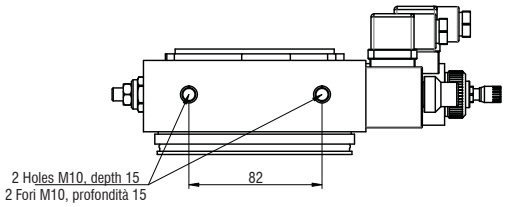
(*) Add C for version with elastic coupling
(*) Aggiungere C per la versione con giunto elastico

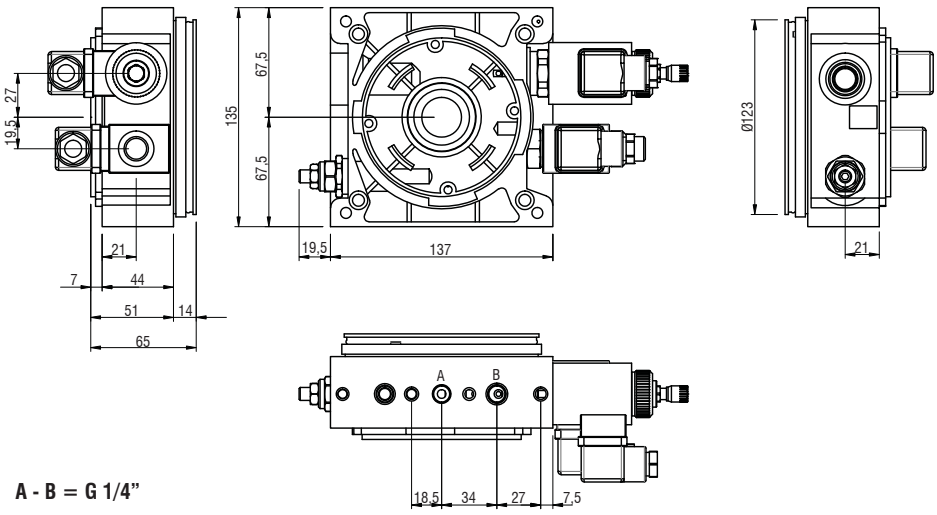










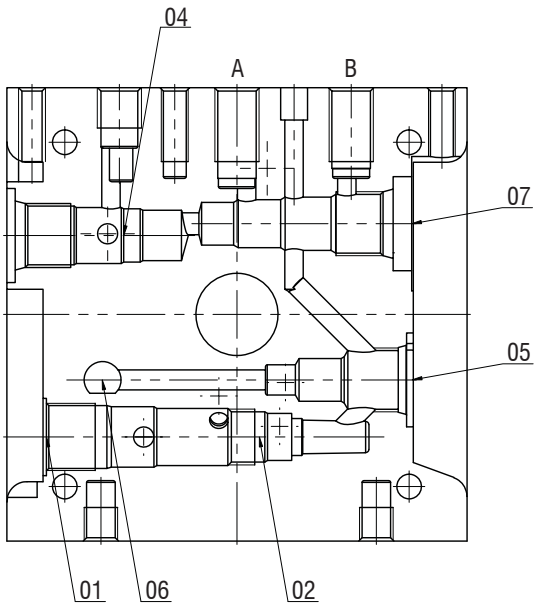


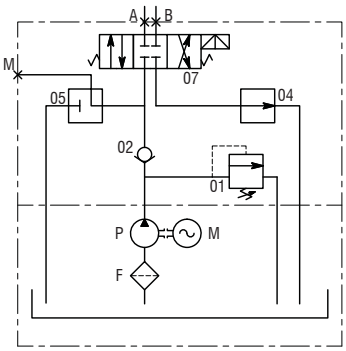
A - B = G 1/4”

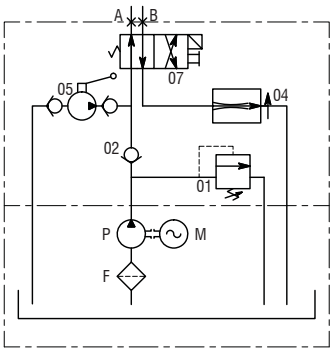
Rev. 1.1

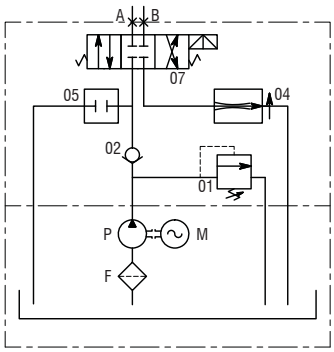
CODE	B4A*	
Relief valve Valvola di massima		Pressure range (bar) Campo di taratura
VML1	W	10 - 60
	X	30 - 150
	Y	50 - 250
	Z	80 - 360

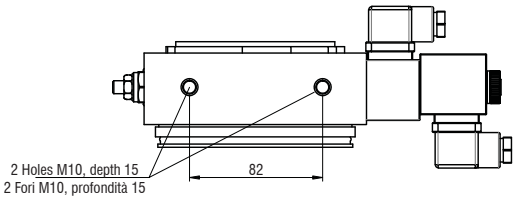
(*) Add C for version with elastic coupling
(*) Aggiungere C per la versione con giunto elastico

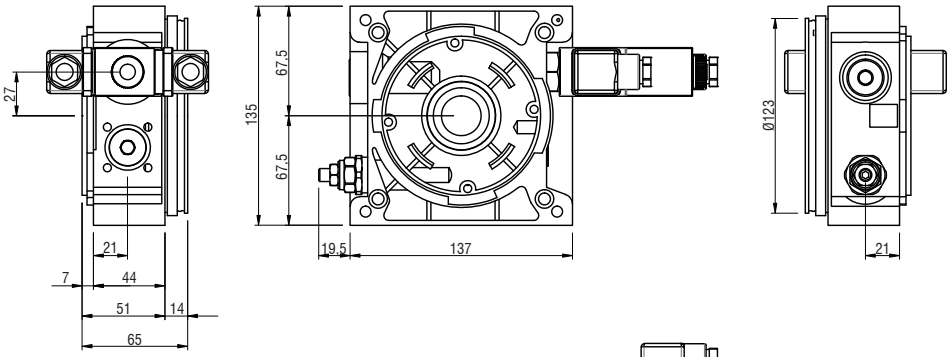


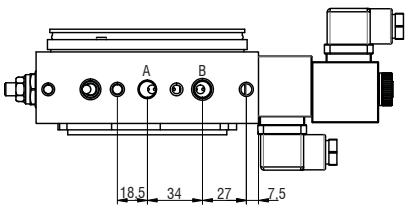












A - B = G 1/4”

Rev. 1.1

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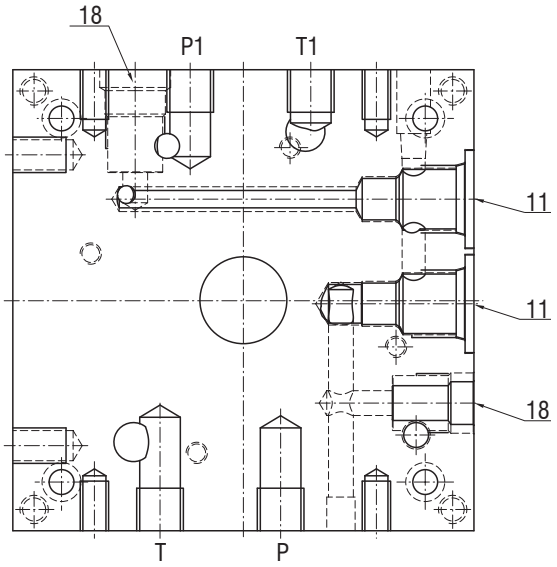
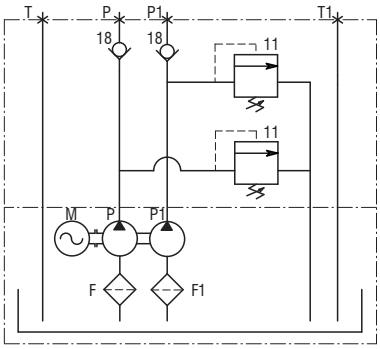
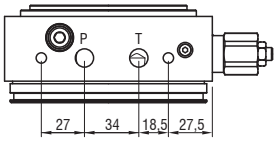
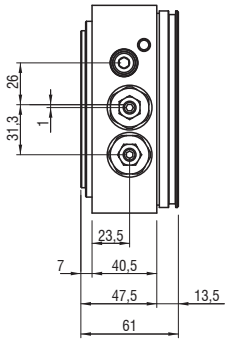
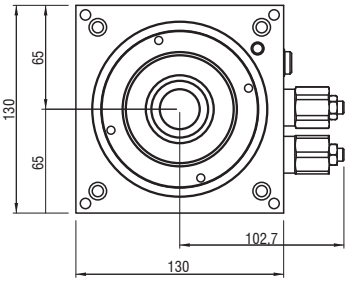
CODE		D1A
Relief valve Valvola di massima		Pressure range (bar) Campo di taratura
VMC1	W	10 - 60
	X	30 - 150
	Y	50 - 250
	Z	80 - 360

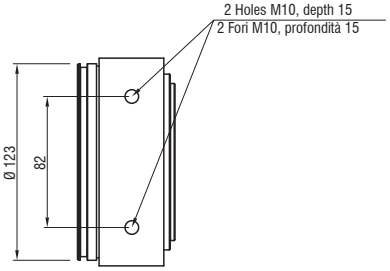


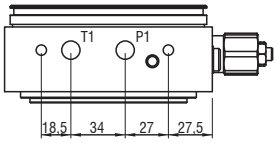








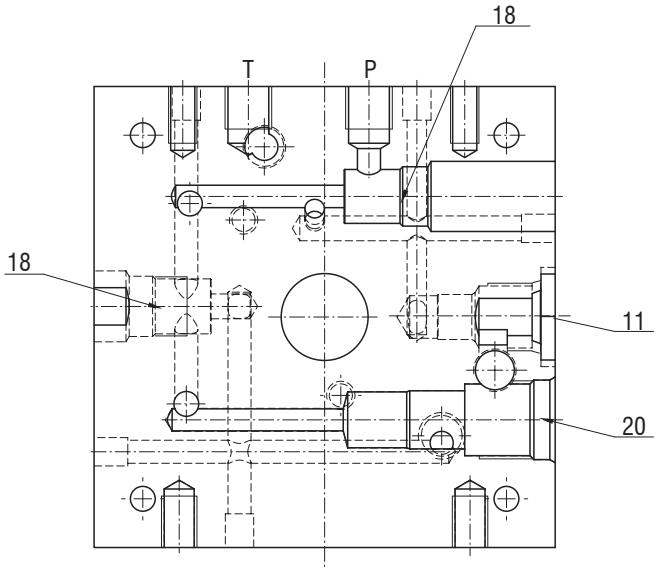


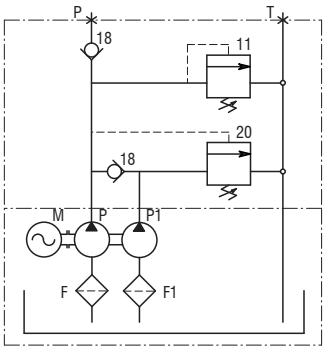


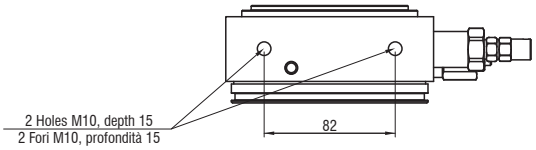
P - T = G 1/4”
P1 - T1 = G 1/4”

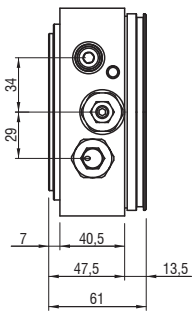
Rev. 1.1

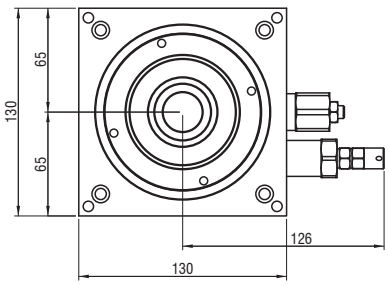
CODE		D2A
Relief valve Valvola di massima		Pressure range (bar) Campo di taratura
VMC1	W	10 - 60
	X	30 - 150
	Y	50 - 250
	Z	80 - 360

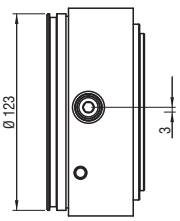


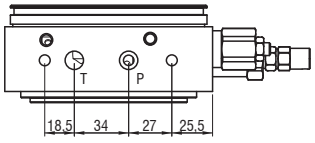












P - T = G 1/4”

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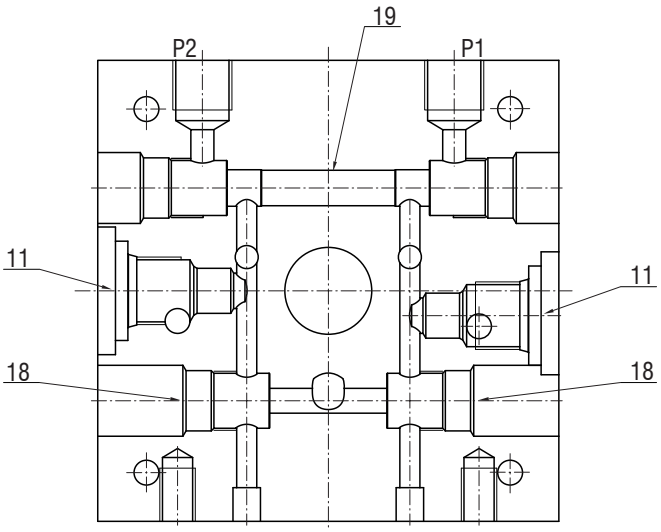
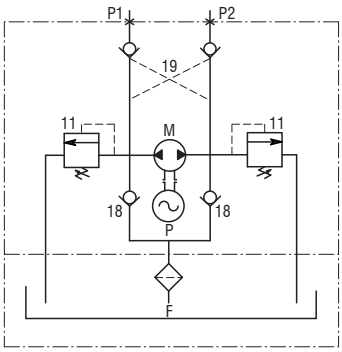
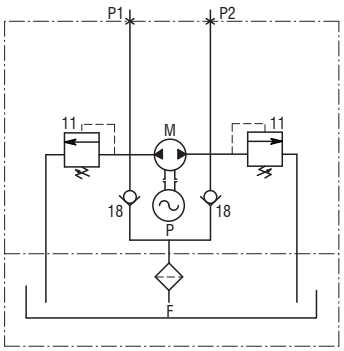
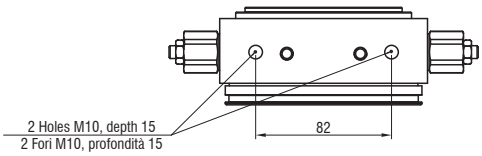
CODE	R1A*	
Relief valve Valvola di massima		Pressure range (bar) Campo di taratura
VMC1	W	10 - 60
	X	30 - 150
	Y	50 - 250
	Z	80 - 360

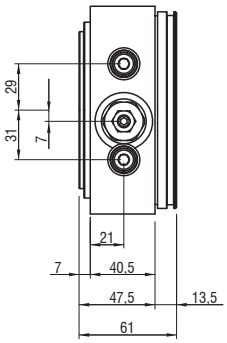
(*) Add C version with elastic coupling
(*) Aggiungere C per la versione con giunto elastico

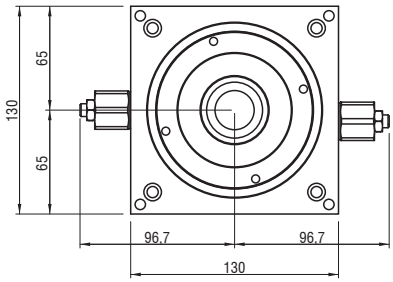


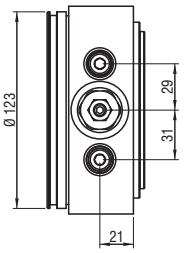


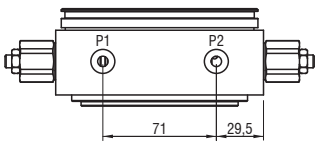












P1 - P2 = G 3/8”

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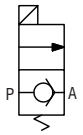
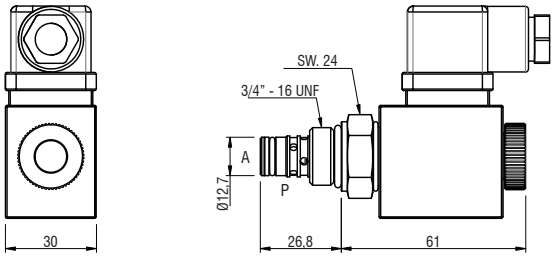
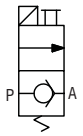
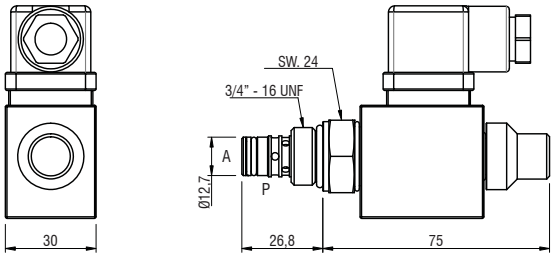
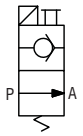
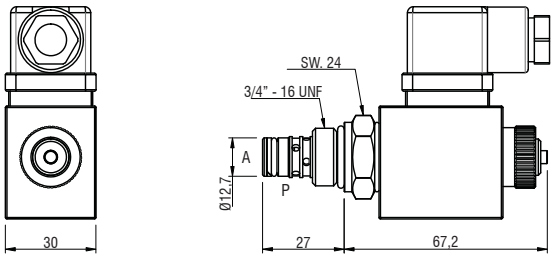
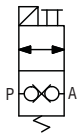
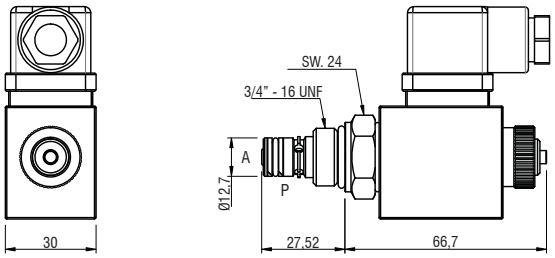
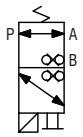
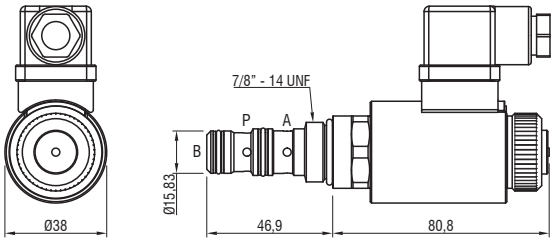
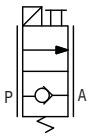
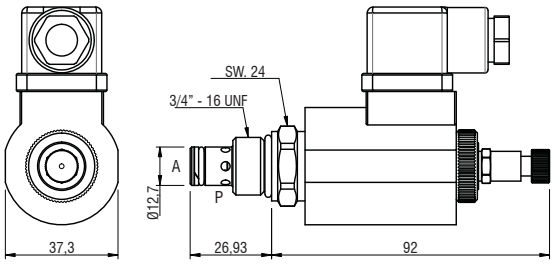
CODE	Description Descrizione		Symbol Schema	Drawing Disegno	Cavity Cavità
NC	Pilot operated electric valve Valvola elettrica pilotata VE6-NC				05 13
	Max working pressure Max pressione di lavoro	350 bar			
	Max flow rate Max portata	25 l/min			
	Coil type Tipo di solenoide	N-H13			
NCE	Pilot operated electric valve Valvola elettrica pilotata VE6-NC-EM				05 13
	Max working pressure Max pressione di lavoro	350 bar			
	Max flow rate Max portata	25 l/min			
	Coil type Tipo di solenoide	N-H13			
NAE	Pilot operated electric valve Valvola elettrica pilotata VE2-NA-EM				05 13
	Max working pressure Max pressione di lavoro	250 bar			
	Max flow rate Max portata	12 l/min			
	Coil type Tipo di solenoide	N-H13			
CDE	Direct operating electric valve Valvola elettrica diretta VE2-NC-DT-EM				05 13
	Max working pressure Max pressione di lavoro	210 bar			
	Max flow rate Max portata	12 l/min			
	Coil type Tipo di solenoide	N-H13			
E3D	Direct operating electric valve Valvola elettrica diretta VE32-DT-19				08
	Max working pressure Max pressione di lavoro	350 bar			
	Max flow rate Max portata	25 l/min			
	Coil type Tipo di solenoide	N-H19			
CPE	Pilot operated proportional electric valve Valvola elettrica pilotata proporzionale VE9-NC-EM				05 13
	Max working pressure Max pressione di lavoro	300 bar			
	Max flow rate Max portata	30 l/min			
	Coil type Tipo di solenoide	N-H16			

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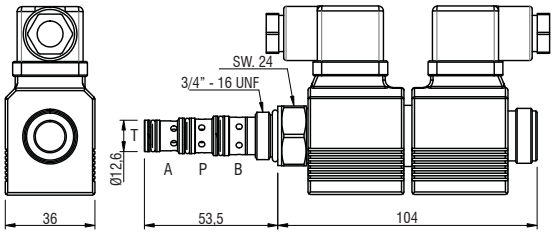
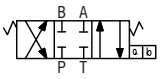
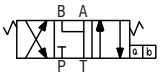
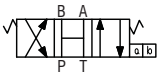
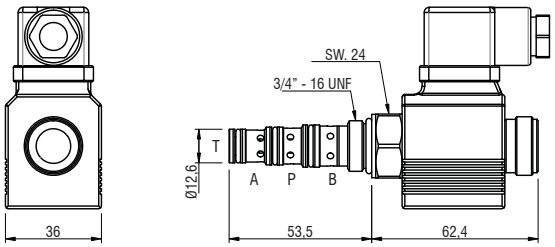
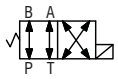
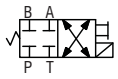
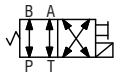
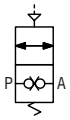
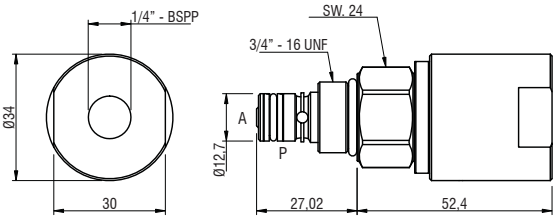
CODE	Description Descrizione		Symbol Schema	Drawing Disegno	Cavity Cavità
	Spool electric valve 4 ways - 3 positions Valvola elettrica 4 vie - 3 posizioni a cursore				07
E43A	V43S13A				
E43B	V43S13B				
E43C	V43S13C				
	Max working pressure Max pressione di lavoro	210 bar			
	Max flow rate Max portata	8 l/min			
	Coil type Tipo di solenoide	N-H13R			
	Spool electric valve 4 ways - 3 positions Valvola elettrica 4 vie - 3 posizioni a cursore				07
E42A	V42S13A				
E42B	V42S13B				
E42E	V42S13C				
	Max working pressure Max pressione di lavoro	210 bar			
	Max flow rate Max portata	8 l/min			
	Coil type Tipo di solenoide	N-H13R			
PCD	Pneumatic double lock valve Valvola pneumatica doppia tenuta				05 13
	VP1-NC-DT				
	Max working pressure Max pressione di lavoro	300 bar			
	Max flow rate Max portata	15 l/min			

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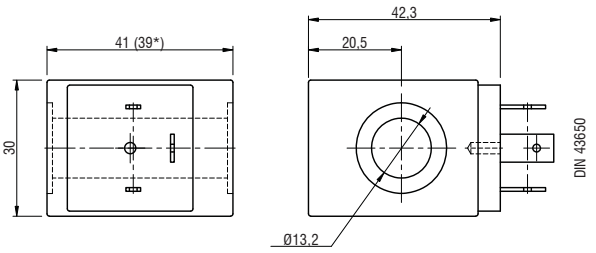
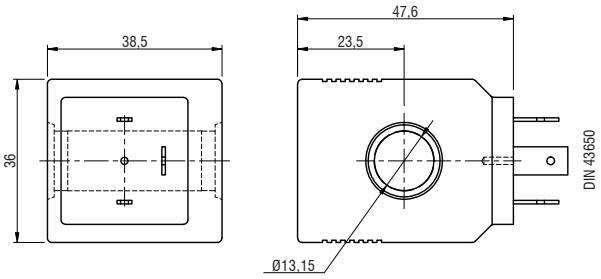
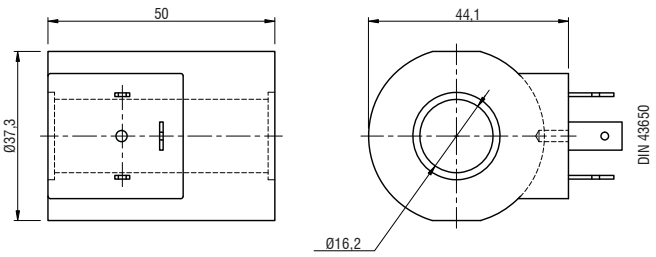
Solenoids voltage (N-H13)
Tensione dei solenoidi (N-H13)

CODE	Description Descrizione	Characteristics Caratteristiche	Drawing Disegno
OA	12 Vdc	Nominal power **18w** Potenza nominale Duty cycle **100%** Ciclo di lavoro Insulation class **F** (T=155°C) Classe di isolamento Protection index **IP65** Indice di protezione	
OB	24 Vdc		
OC	48 Vdc		
OD	10 Vdc		
OL	24 Vac - 50 Hz *		
OM	110 Vac - 50 Hz *		
ON	220 Vac - 50 Hz *		
OP	24 Vac - 50/60 Hz *		
OR	24 Vac - 60 Hz *		
OT	110 Vac - 60 Hz *		
OU	220 Vac - 60 Hz *		
OV	24 Vrac		
OW	110 Vrac		
OZ	220 Vrac		

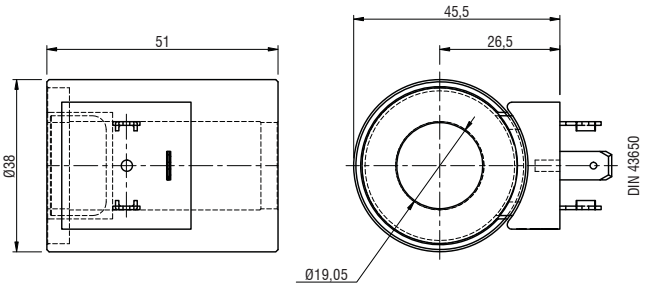
Solenoids voltage (N-H13R)
Tensione dei solenoidi (N-H13R)

OA	12 Vdc	Nominal power **22w** Potenza nominale Duty cycle **100%** Ciclo di lavoro Insulation class **F** (T=155°C) Classe di isolamento Protection index **IP65** Indice di protezione	
OB	24 Vdc		

Solenoids voltage (N-H16)
Tensione dei solenoidi (N-H16)

OA	12 Vdc	Nominal power **26w** Potenza nominale Duty cycle **100%** Ciclo di lavoro Insulation class **F** (T=155°C) Classe di isolamento Protection index **IP65** Indice di protezione	
OB	24 Vdc		

Solenoids voltage (N-H19)
Tensione dei solenoidi (N-H19)

OA	12 Vdc	Nominal power **36w** Potenza nominale Duty cycle **100%** Ciclo di lavoro Insulation class **F** (T=155°C) Classe di isolamento Protection index **IP65** Indice di protezione	
OB	24 Vdc		

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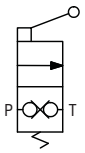
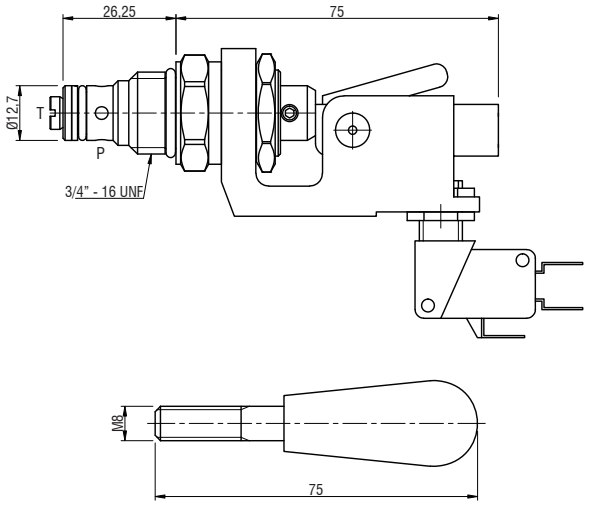
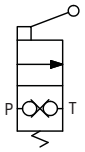
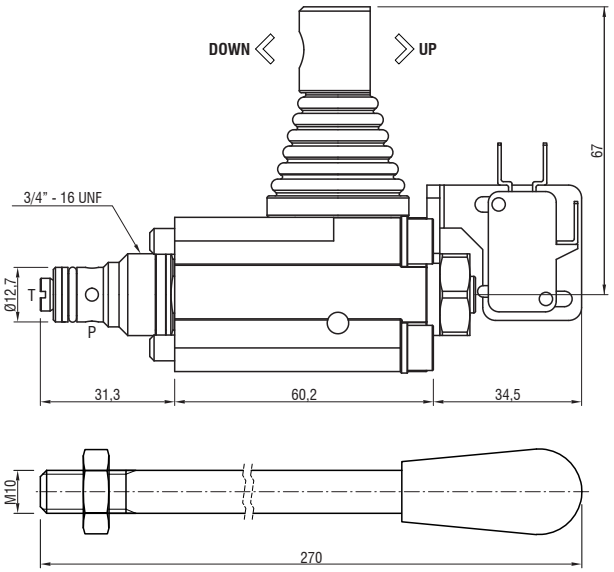
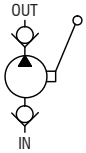
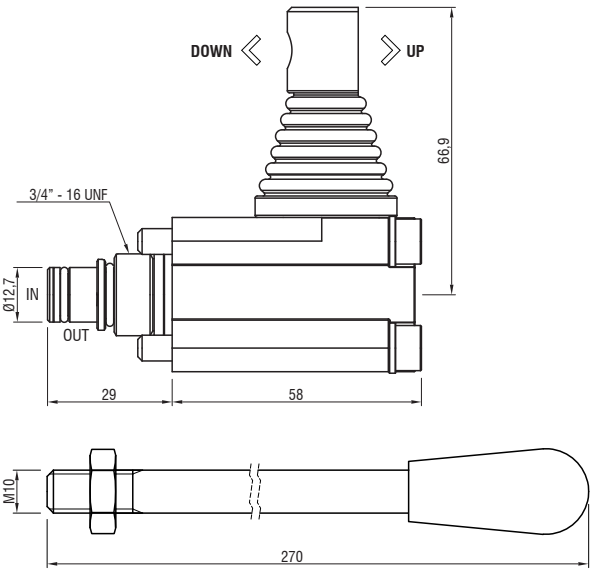
CODE	Description Descrizione	Symbol Schema	Drawing Disegno	Cavity Cavità
CM1_	2 ways manual operated cartridge valve Valvola comando manuale 2 vie a cartuccia **CM1A** without microswitch / senza microswitch **CM1B** with microswitch / con microswitch			05 13
CM3_	2 ways manual operated cartridge valve Valvola comando manuale 2 vie a cartuccia **CM3A** without microswitch / senza microswitch **CM3B** with microswitch / con microswitch			05
PM1	Cartridge hand pump Pompa a mano a cartuccia Max working pressure / Pressione max di lavoro: 300 bar Displacement: 2 cc			05

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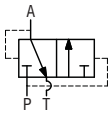
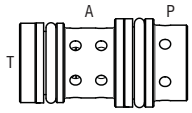
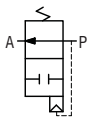
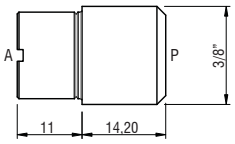
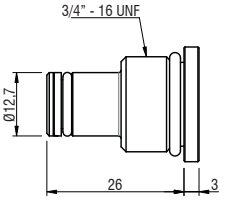
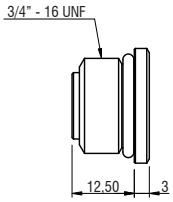
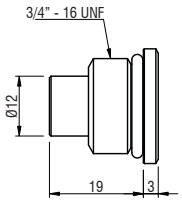
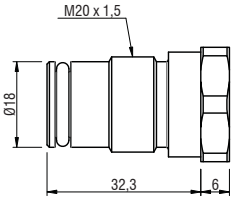
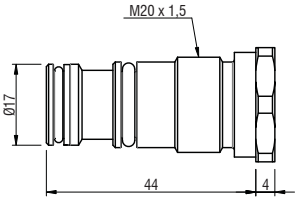
CODE	Description Descrizione	Symbol Schema	Drawing Disegno	Cavity Cavità
VMS3	Automatic unloading valve Valvola di messa a scarico automatica			10
STP	Start-up valve Valvola start-up			16
TC1	Plug for cavity Tappo per cavità			05 11 13
TC2	Plug for cavity Tappo per cavità			04 05 12 10
TC3	Plug for cavity 04, with VRF35 Tappo per cavità 04, con VRF35			04
TC4	Plug for cavity Tappo per cavità			01 16
TC6	Plug for cavity Tappo per cavità			01 16

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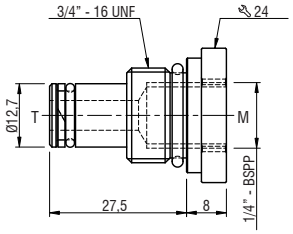
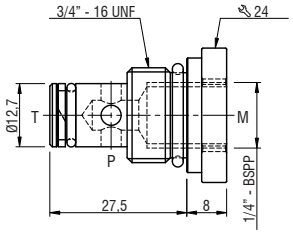
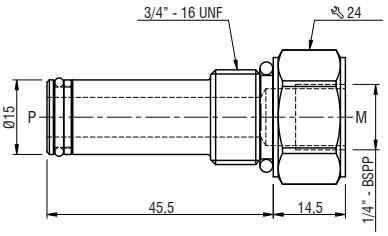
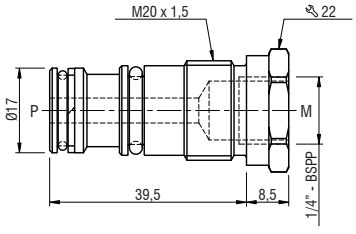
CODE	Description Descrizione	Symbol Schema	Drawing Disegno	Cavity Cavità
TS1	1/4” auxilary return port Scarico ausiliario da 1/4”			05 13
TM1	1/4” auxilary pressure port Mandata ausiliaria da 1/4”			05 13
TM3	1/4” auxilary pressure port Mandata ausiliaria da 1/4”			04
TM4	1/4” auxilary pressure port Mandata ausiliaria da 1/4”			04

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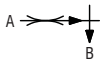
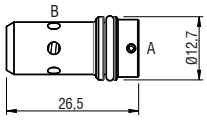
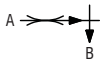
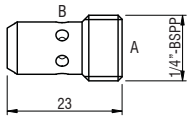
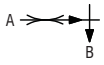
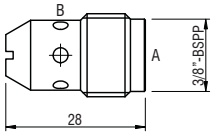
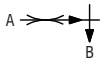
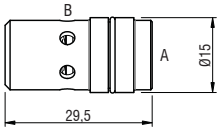
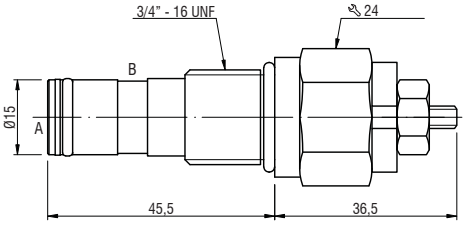
CODE	Description Descrizione				Symbol Schema	Drawing Disegno	Cavity Cavità
VRF12	Pressure compensated flow regulator Valvola regolatrice di flusso compensata						14
	CODE	l/min	CODE	l/min			
	A	1	**F**	6			
	B	2	**G**	7			
	C	3	**H**	8			
	D	4	**I**	9			
	E	5	**L**	10			
VRF14	Pressure compensated flow regulator Valvola regolatrice di flusso compensata						06
	CODE	l/min	CODE	l/min			
	A	1	**F**	6			
	B	2	**G**	7			
	C	3	**H**	8			
	D	4	**I**	9			
	E	5	**L**	10			
VRF38	Pressure compensated flow regulator Valvola regolatrice di flusso compensata						06
	CODE	l/min	CODE	l/min			
	B	2	**M**	11			
	C	3	**N**	12			
	D	4	**O**	13			
	E	5	**P**	14			
	F	6	**Q**	15			
	G	7	**R**	16			
	H	8	**T**	18			
	I	9	**Z**	20			
	L	10					
VRF35	Pressure compensated flow regulator Valvola regolatrice di flusso compensata						04
	CODE	l/min	CODE	l/min			
	B	2	**M**	11			
	C	3	**N**	12			
	D	4	**O**	13			
	E	5	**P**	14			
	F	6	**Q**	15			
	G	7	**R**	16			
	H	8	**T**	18			
	I	9	**Z**	20			
	L	10					
VRF3R	Adjustable pressure compensated flow regulator Valvola regolatrice di flusso compensata regolabile						04
	Max working pressure Pressione max di lavoro			250 bar			
	Regulated flow rate Campo di regolazione			2 - 16 l/min			

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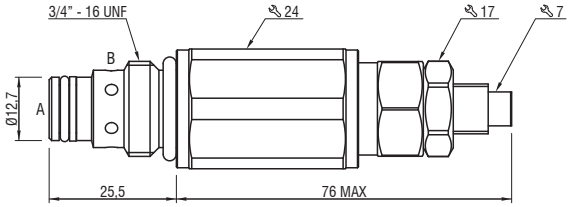
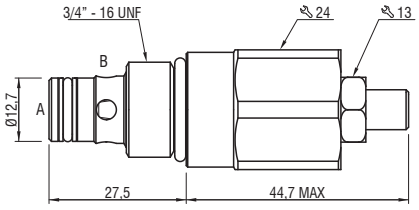
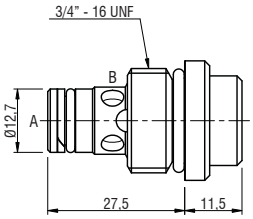
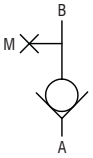
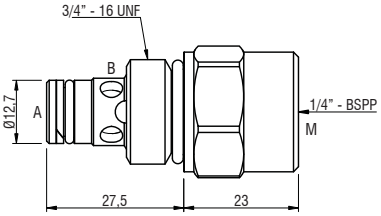
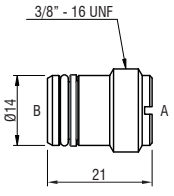
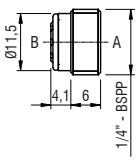
CODE	Description Descrizione		Symbol Schema	Drawing Disegno	Cavity Cavità
VRF1R	Adjustable pressure compensated flow regulator Valvola regolatrice di flusso compensata regolabile				
	Max working pressure Max pressione di lavoro	350 bar			
	Max flow rate Max portata	20 l/min			
RFR1	Bidirectional flow control valve Valvola bidirezionale di controllo flusso				13
	Max working pressure Max pressione di lavoro	300 bar			
	Max flow rate Max portata	30 l/min			
VU1	Cartridge check valve Valvola unidirezionale a cartuccia				12
VU1M	Cartridge check valve with pressure port 1/4" BSPP Valvola unidirezionale a cartuccia con attacco di pressione da 1/4" BSPP				12
VU3	Cartridge check valve Valvola unidirezionale a cartuccia				02
VRRI	Cartridge check valve Valvola unidirezionale a cartuccia				09

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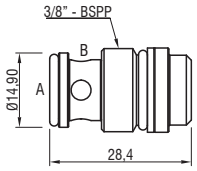
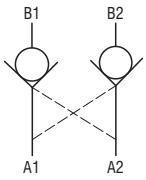
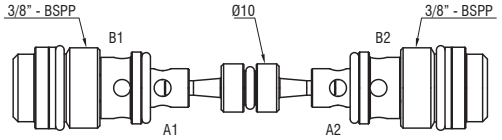
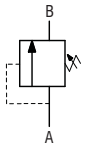
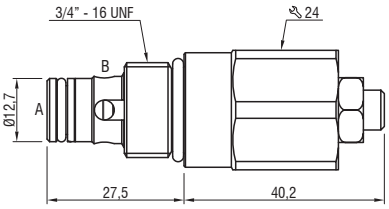
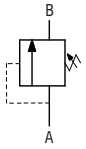
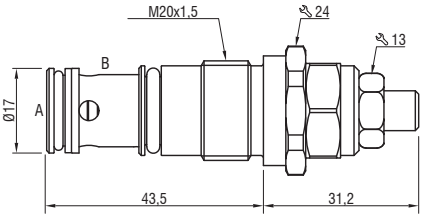
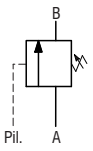
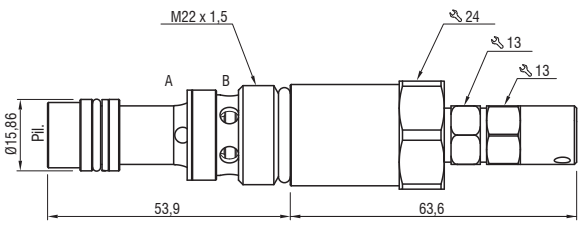
CODE	Description Descrizione		Symbol Schema	Drawing Disegno	Cavity Cavità
VR38	Check valve 3/8” BSPP Valvola unidirezionale 3/8” BSPP				18
VRP38	Piloted check valve 3/8” BSPP Valvola unidirezionale pilotata 3/8” BSPP				19
	Pilot ratio Rapporto di pilotaggio	1:4			
VMC1-_	Direct acting relief valve with guided poppet Valvola di massima diretta con spillo guidato				11
	Maximum flow rate Portata massima	25 l/min			
	VMC1 - W	10 - 60 bar			
	VMC1 - X	30 - 150 bar			
	VMC1 - Y	50 - 250 bar			
	VMC1 - Z	80 - 360 bar			
VML1-_	Direct acting relief valve with guided poppet Valvola di massima diretta con spillo guidato				01
	Maximum flow rate Portata massima	25 l/min			
	VML1 - W	10 - 60 bar			
	VML1 - X	30 - 150 bar			
	VML1 - Y	50 - 250 bar			
	VML1 - Z	80 - 360 bar			
DSG1-_	Unloading valve Valvola disgiuntrice				20
	Maximum flow rate Portata massima	30 l/min			
	DSG1 - Y	50 - 250 bar			
	DSG1 - Z	80 - 360 bar			

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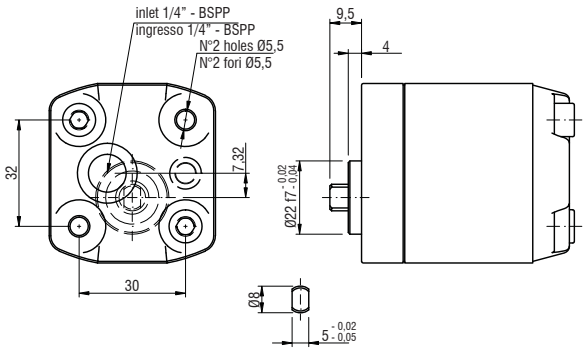
Pump group 05 (anticlockwise rotation)
Pompa gruppo 05 (rotazione antioraria)

CODE	Displacement Cilindrata [cm³/rev]	Flow at 1500 rpm Portata a 1500 giri/1' [l/min]	P1 Continuous max pressure Pressione max continua [bar]	P3** Peak max pressure Pressione max di picco [bar]	Max speed Velocità max [rpm]
P001	0,20	0,29	200	230	3500
P002	0,25	0,36	200	230	3500
P003*	0,38	0,55	200	230	3500
P004	0,50	0,72	200	230	3500
P005*	0,63	0,91	200	230	3500
P006	0,75	1,08	200	230	3500
P007*	0,88	1,28	200	230	3500
P008	1,00	1,45	200	230	3500
P009	1,25	1,80	200	230	3000
P010	1,50	2,18	175	200	2500
P011	1,75	2,52	160	190	2500
P012	2,00	2,88	160	190	2500

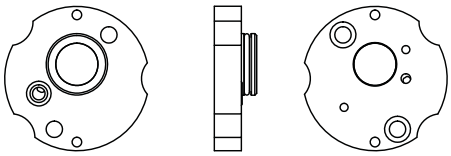


*: special versions - versioni speciali

**: P3 peak pressure max for 2 seconds - P3 pressione massima raggiungibile per 2 secondi

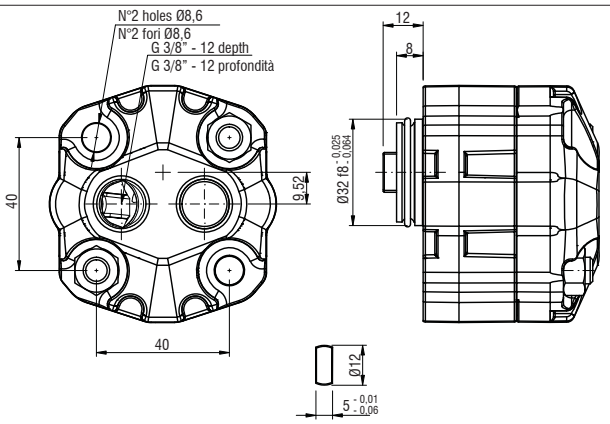
Mounting adaptor for group 05 pump
Adattatore di montaggio per pompa gruppo 05

KP1



Pump group 1 (anticlockwise rotation)
Pompa gruppo 1 (rotazione antioraria)

CODE	Displacement Cilindrata [cm³/rev]	Flow at 1500 rpm Portata a 1500 giri/1' [l/min]	P1 Continuous max pressure Pressione max continua [bar]	P3** Peak max pressure Pressione max di picco [bar]	Max speed Velocità max [rpm]
P100	0,90	1,30	210	250	6000
P102	1,30	1,90	210	250	6000
P103	1,60	2,30	210	250	6000
P104	2,10	3,00	210	250	6000
P105	2,60	3,80	210	250	6000
P107	3,20	4,60	190	230	5000
P108	3,70	5,40	190	230	4500
P109	4,20	6,10	190	230	4000
P111	4,80	7,00	170	210	3500
P112	5,80	8,40	170	210	3000



**: P3 peak pressure max for 2 seconds - P3 pressione massima raggiungibile per 2 secondi

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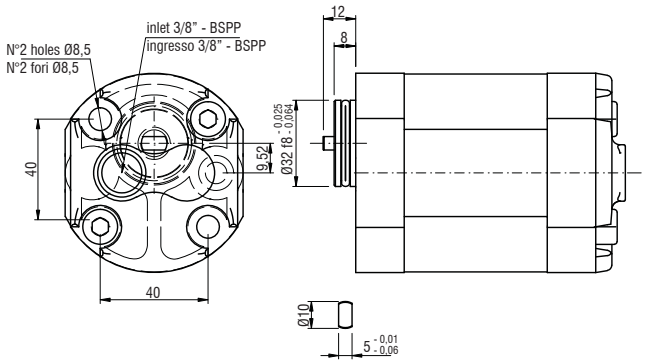
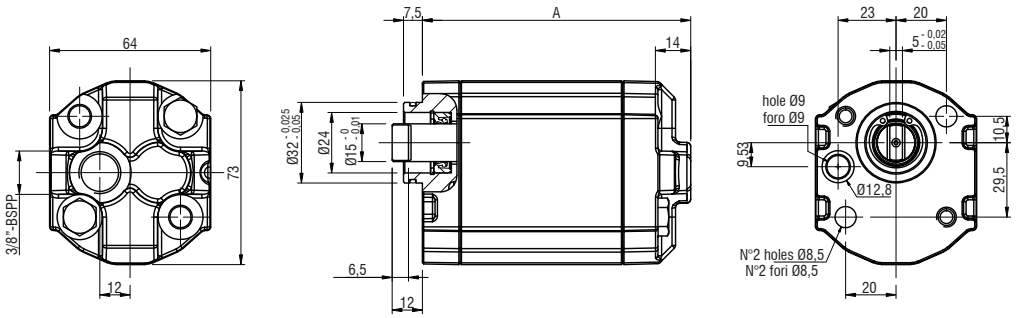
Pump group 1 (anticlockwise rotation)
Pompa gruppo 1 (rotazione antioraria)

CODE	Displacement Cilindrata [cm³/rev]	Flow at 1500 rpm Portata a 1500 giri/1' [l/min]	P1 Continuous max pressure Pressione max continua [bar]	P3** Peak max pressure Pressione max di picco [bar]	Max speed Velocità max [rpm]
PG01	1,00	1,40	250	330	3500
PG02	1,25	1,74	250	330	3500
PG03	1,60	2,23	250	330	3500
PG04	2,00	2,82	250	330	3500
PG05	2,50	3,53	250	330	3500
PG07	3,15	4,44	250	330	3500
PG08	3,65	5,15	250	300	3500
PG09	4,20	5,92	250	300	3500
PG11	5,00	7,05	250	300	3000
PG12	5,70	8,12	200	260	3000
PG13	6,10	8,69	180	250	2500
PG14	7,40	10,55	180	230	2500
PG15	8,00	11,40	150	200	2000
PG16	8,50	12,11	150	200	2000
PG17	9,80	13,97	120	170	2000



**: P3 peak pressure max for 2 seconds - P3 pressione massima raggiungibile per 2 secondi

Helical rotor pump for low noise application, group 1 (anticlockwise rotation)
Pompa a rotori elicoidali per applicazioni a basso rumore, gruppo 1 (rotazione antioraria)



CODE	Displacement Cilindrata [cm³/rev]	Flow at 1500 rpm Portata a 1500 giri/1' [l/min]	P1 Continuous max pressure Pressione max continua [bar]	P2* Continuous max pressure Pressione max continua [bar]	P3** Peak max pressure Pressione max di picco [bar]	Minimum speed Velocità minima [rpm]	Max speed Velocità max [rpm]	Noise level livello di rumore (db)	A (mm)
PE04	4,2	6,0	275	280	300	700	3600	55	95,6
PE06	6,4	9,2	275	280	300	700	3600	55	101,1
PE07	8,3	12,0	245	260	300	700	3600	55	106,10
PE08	10,2	14,7	220	250	300	700	3600	55	111,10
PE09	12,9	18,6	175	230	280	700	3600	55	118,00

*: cycle 20 sec ON - 3 sec. OFF - - - ciclo 20 sec ON - 3 sec OFF

**: cycle 1 sec ON - 3 sec. OFF - - - ciclo 1 sec ON - 3 sec OFF

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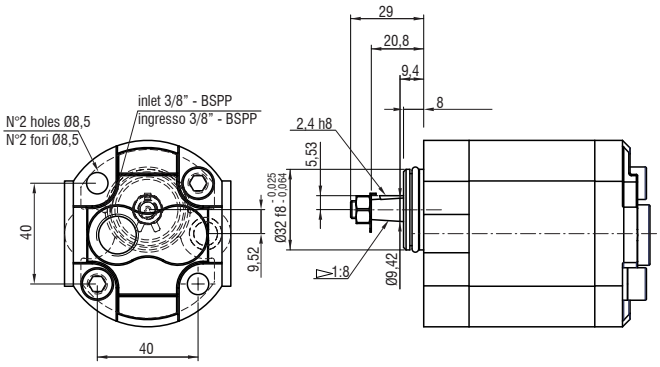
Pump group 1 tapered shaft (anticlockwise rotation)
Pompa gruppo 1 ad albero conico (rotazione antioraria)

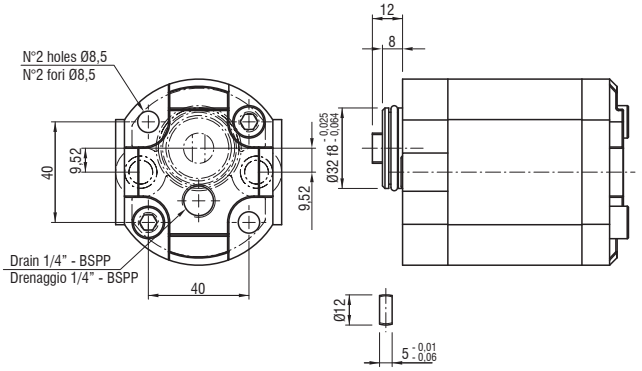
CODE	Displacement Cilindrata [cm³/rev]	Flow at 1500 rpm Portata a 1500 giri/1' [l/min]	P1 Continuous max pressure Pressione max continua [bar]	P3** Peak max pressure Pressione max di picco [bar]	Max speed Velocità max [rpm]
PC01	1,00	1,40	250	330	3500
PC02	1,25	1,74	250	330	3500
PC03	1,60	2,23	250	330	3500
PC04	2,00	2,82	250	330	3500
PC05	2,50	3,53	250	330	3500
PC07	3,15	4,44	250	330	3500
PC08	3,65	5,15	250	300	3500
PC09	4,20	5,92	250	300	3500
PC11	5,00	7,05	250	300	3000
PC12	5,70	8,12	200	260	3000
PC13	6,10	8,69	180	250	2500
PC14	7,40	10,55	180	230	2500
PC15	8,00	11,40	150	200	2000
PC16	8,50	12,11	150	200	2000
PC17	9,80	13,97	120	170	2000



**: P3 peak pressure max for 2 seconds - P3 pressione massima raggiungibile per 2 secondi

Reversible pump group 1 (anticlockwise rotation)
Pompa gruppo 1 reversibile (rotazione antioraria)

CODE	Displacement Cilindrata [cm³/rev]	Flow at 1500 rpm Portata a 1500 giri/1' [l/min]	P1 Continuous max pressure Pressione max continua [bar]	P3** Peak max pressure Pressione max di picco [bar]	Max speed Velocità max [rpm]
PG01R	1,00	1,40	250	330	3500
PG02R	1,25	1,74	250	330	3500
PG03R	1,60	2,23	250	330	3500
PG04R	2,00	2,82	250	330	3500
PG05R	2,50	3,53	250	330	3500
PG07R	3,15	4,44	250	330	3500
PG08R	3,65	5,15	250	300	3500
PG09R	4,20	5,92	250	300	3500
PG11R	5,00	7,05	250	300	3000
PG12R	5,70	8,12	200	260	3000
PG13R	6,10	8,69	180	250	2500



**: P3 peak pressure max for 2 seconds - P3 pressione massima raggiungibile per 2 secondi

NOTE: For dual pump contact TECFLUID
NOTA: Per pompe doppie contattare TECFLUID

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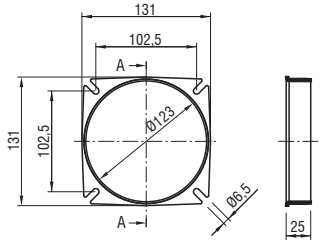
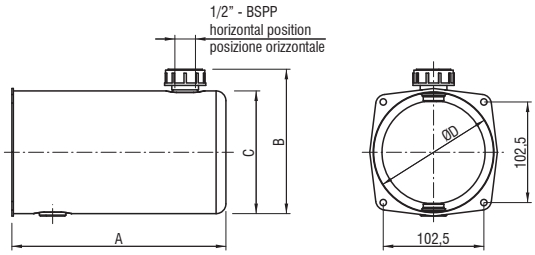
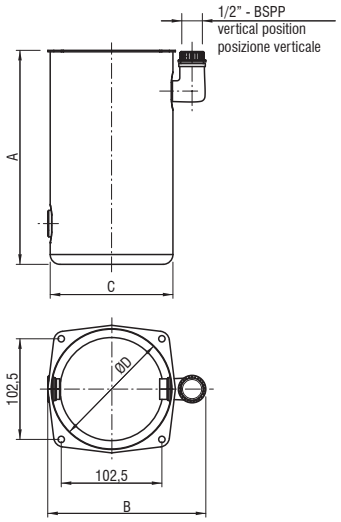
Steel collar for tanks
Collare per serbatoi

CODE						Drawing Disegno
SL0						

Steel tanks horizontal version
Serbatoi in lamiera versione orizzontale

CODE	Tank capacity Volume [l]	A	B	C	D	Drawing Disegno
SL01H	1	139	148	125	123	
SL03H	2	218	148	125	123	
SL04H	3	290	148	125	123	

Steel tanks vertical version
Serbatoi in lamiera versione verticale

CODE	Tank capacity Volume [l]	A	B	C	D	Drawing Disegno
SL01V	1	139	161	125	123	
SL03V	2	218	161	125	123	
SL04V	3	290	161	125	123	

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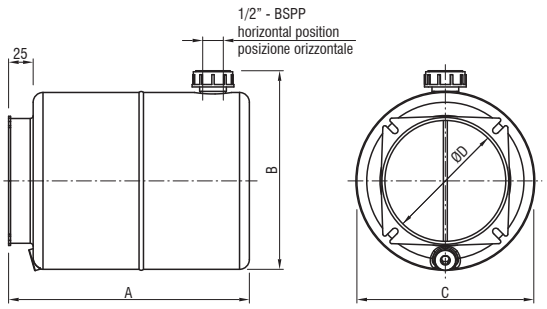
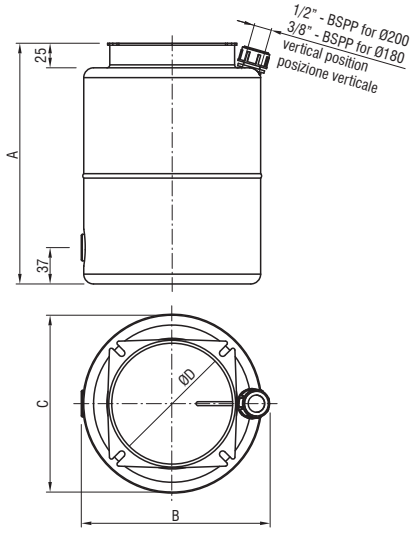
Steel tanks horizontal version
Serbatoi in lamiera versione orizzontale

CODE	Tank capacity Volume [l]	A	B	C	D	Drawing Disegno
SL44H	4	205	202	180	123	
SL45H	5	245	202	180	123	
SL47H	7	325	202	180	123	
SL48H	8	365	202	180	123	
SL65H	5	215	222	200	123	
SL67H	7	248	222	200	123	
SL68H	8	295	222	200	123	
SL70H	10	365	222	200	123	
SL72H	12	435	222	200	123	



Steel tanks vertical version
Serbatoi in lamiera versione verticale

CODE	Tank capacity Volume [l]	A	B	C	D	Drawing Disegno
SL44V	4	205	191	180	123	
SL45V	5	245	191	180	123	
SL47V	7	325	191	180	123	
SL48V	8	365	191	180	123	
SL65V	5	215	207	200	123	
SL67V	7	248	207	200	123	
SL68V	8	295	207	200	123	
SL70V	10	365	207	200	123	
SL72V	12	435	207	200	123	



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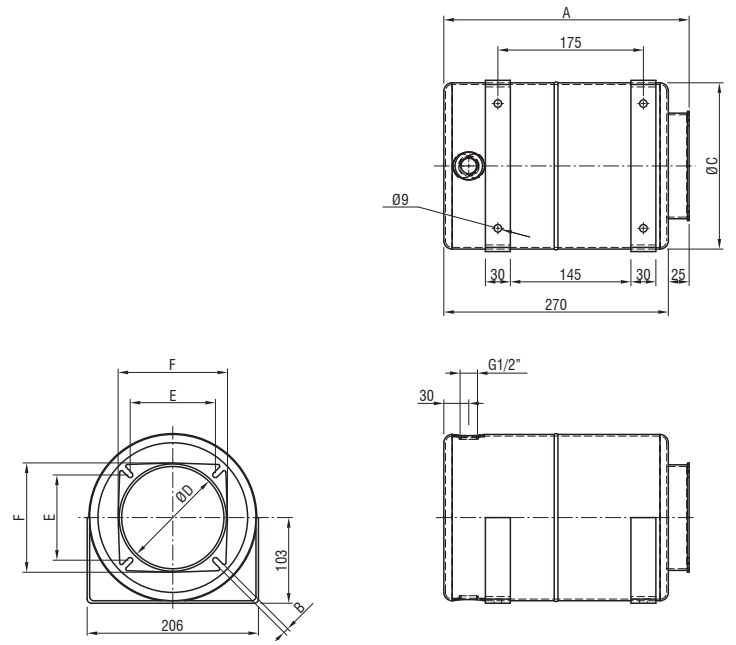
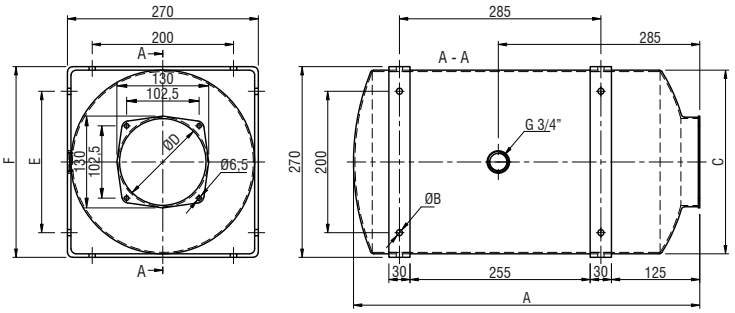
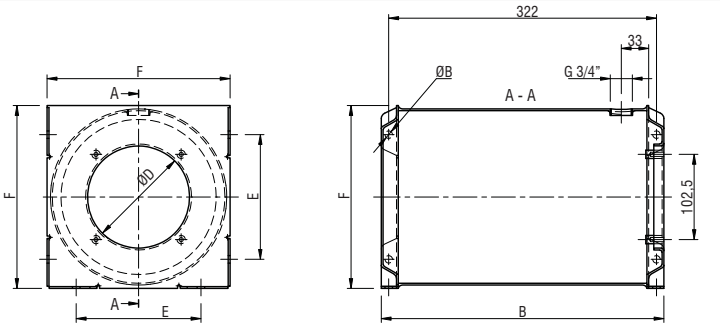
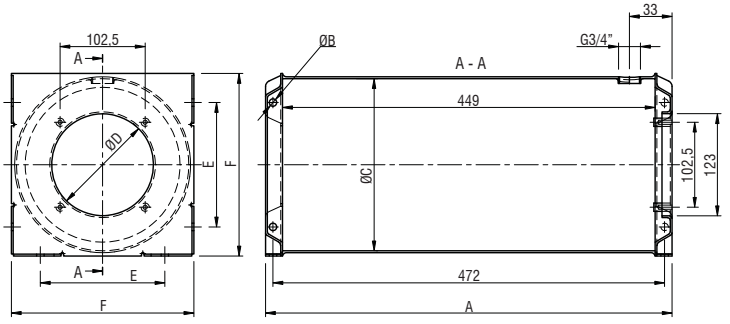
Steel tanks
Serbatoi in lamiera

CODE	Tank capacity Volume [l]	A	B	C	D	E	F	Drawing Disegno
SL60	8	295	6.5	200	123	102.5	131	
SL12	23	490	9	260	123	200	270	
SL13	10	340	9	212	123	150	220	
SL14	15	490	9	212	123	150	220	

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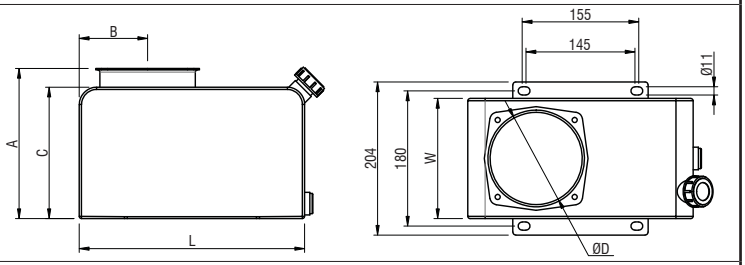
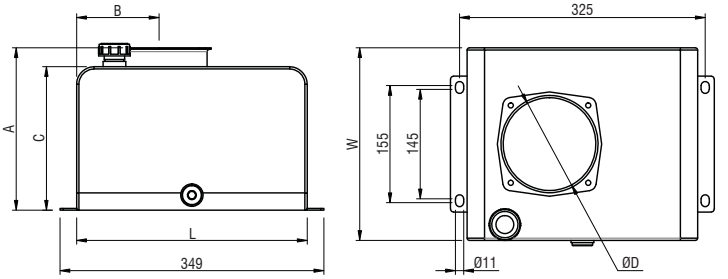
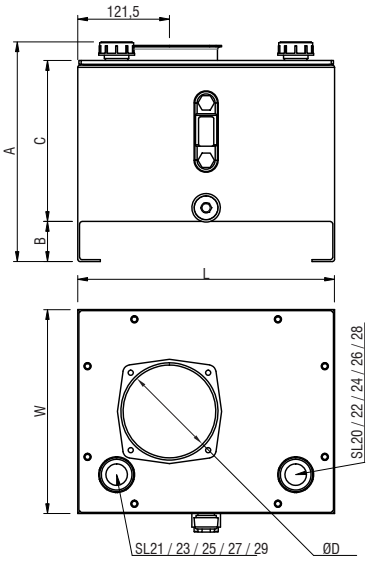
Steel tanks
Serbatoi in lamiera

CODE	Tank capacity Volume [l]	A	B	C	D	W	L	Drawing Disegno
SL30	7	200	91	175	123	160	300	
SL31	12	210	109	185	123	255	305	
SL32	15	260	109	235	123	255	305	
SL33	20	335	109	310	123	255	305	

Steel tanks
Serbatoi in lamiera

CODE	Tank capacity Volume [l]	A	B	C	D	W	L	Drawing Disegno
SL20	20	285	53	207	123	270	340	
SL21								
SL22	30	405	58	322	123	270	340	
SL23								
SL24	45	344	58	261	123	320	540	
SL25								
SL26	60	435	58	352	123	320	540	
SL27								
SL28	90	645	60	557	123	320	540	
SL29								

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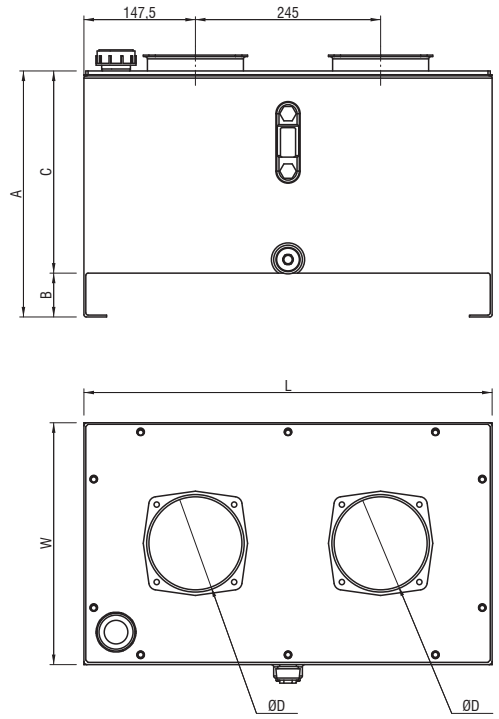
Steel tanks
Serbatoi in lamiera

CODE	Tank capacity Volume [l]	A	B	C	D	W	L	Drawing Disegno
SL37	45	334	58	261	123	320	540	
SL38	60	435	58	352	123	320	540	
SL39	90	645	60	557	123	320	540	

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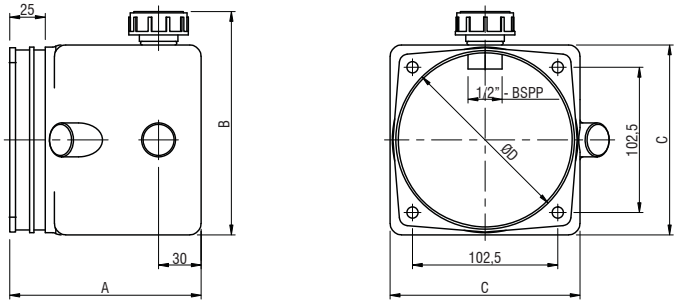
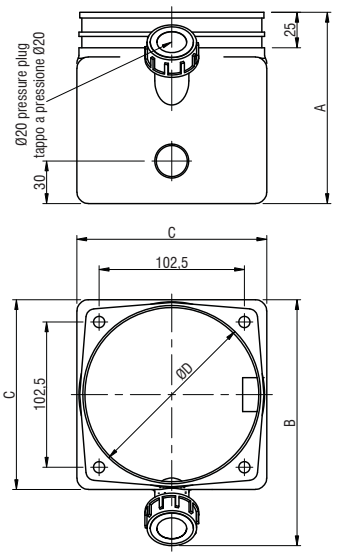
Plastic tanks: horizontal version
Serbatoi in plastica: versione orizzontale

CODE	Tank capacity Volume [l]	A	B	C	D	Tanks characteristics
SP01D	1	135	158	134	123	Temperature range: -15°C ÷ 70°C Materials: HDPE & PP (polypropilene) Color: neutral trasparent
SP02D	1,8	180	158	134	123	
SP03D	2,5	240	158	134	123	
SP04D	3,5	280	158	134	123	
SP05D	4,0	330	158	134	123	



Plastic tanks: vertical version
Serbatoi in plastica: versione verticale

CODE	Tank capacity Volume [l]	A	B	C	D	Tanks characteristics
SP01V	1	135	174	134	123	Temperature range: -15°C ÷ 70°C Materials: HDPE & PP (polypropilene) Color: neutral trasparent
SP02V	1,8	180	174	134	123	
SP03V	2,5	240	174	134	123	
SP04V	3,5	280	174	134	123	
SP05V	4,0	330	174	134	123	



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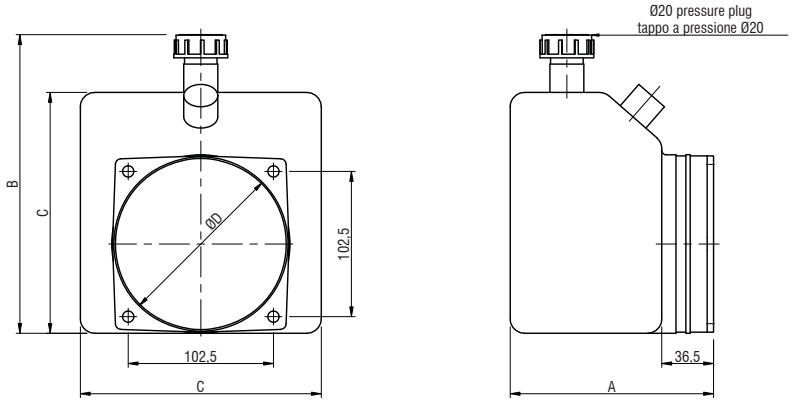
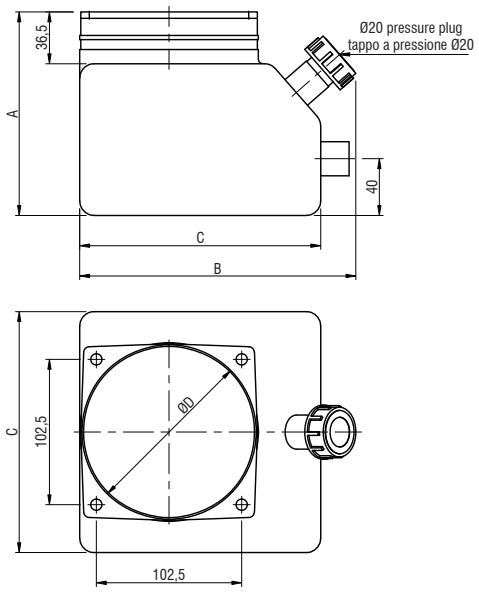
Plastic tanks: horizontal version
Serbatoi in plastica: versione orizzontale

CODE	Tank capacity Volume [l]	A	B	C	D	Tanks characteristics
SP06H	1.5	145	211	170	123	Temperature range: -15°C ÷ 70°C Materials: HDPE & PP (polypropilene) Color: neutral trasparent
SP07H	3	200	211	170	123	
SP08H	5	287	211	170	123	
SP09H	8	377	211	170	123	
SP10H	12	520	211	170	123	



Plastic tanks: vertical version
Serbatoi in plastica: versione verticale

CODE	Tank capacity Volume [l]	A	B	C	D	Tanks characteristics
SP06V	1.5	145	195	170	123	Temperature range: -15°C ÷ 70°C Materials: HDPE & PP (polypropilene) Color: neutral trasparent
SP07V	3	200	195	170	123	
SP08V	5	287	195	170	123	
SP09V	8	377	195	170	123	
SP10V	12	520	195	170	123	



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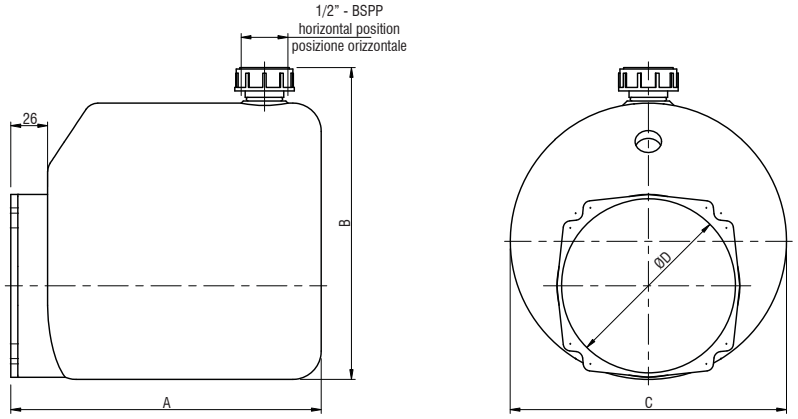
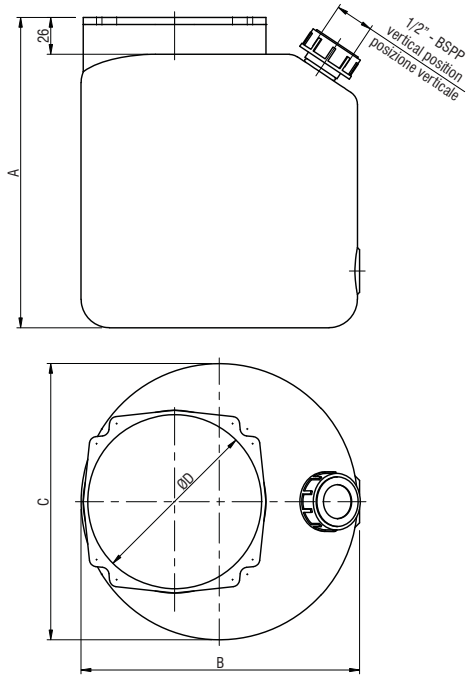
Plastic tanks: horizontal version
Serbatoi in plastica: versione orizzontale

CODE	Tank capacity Volume [l]	A	B	C	D	Tanks characteristics
SP15H	5	219	220	Ø195	123	Temperature range: -15°C ÷ 70°C Materials: HDPE & PP (polypropilene) Color: neutral trasparent
SP16H	7	271	220	Ø195	123	
SP17H	8	323	220	Ø195	123	
SP18H	11	453	220	Ø195	123	



Plastic tanks: vertical version
Serbatoi in plastica: versione verticale

CODE	Tank capacity Volume [l]	A	B	C	D	Tanks characteristics
SP15V	5	219	197	Ø195	123	Temperature range: -15°C ÷ 70°C Materials: HDPE & PP (polypropilene) Color: neutral trasparent
SP16V	7	271	197	Ø195	123	
SP17V	8	323	197	Ø195	123	
SP18V	11	453	197	Ø195	123	



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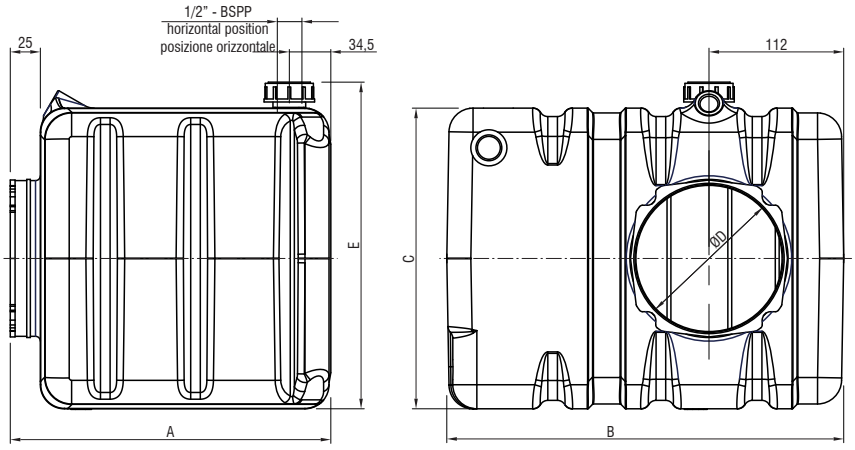
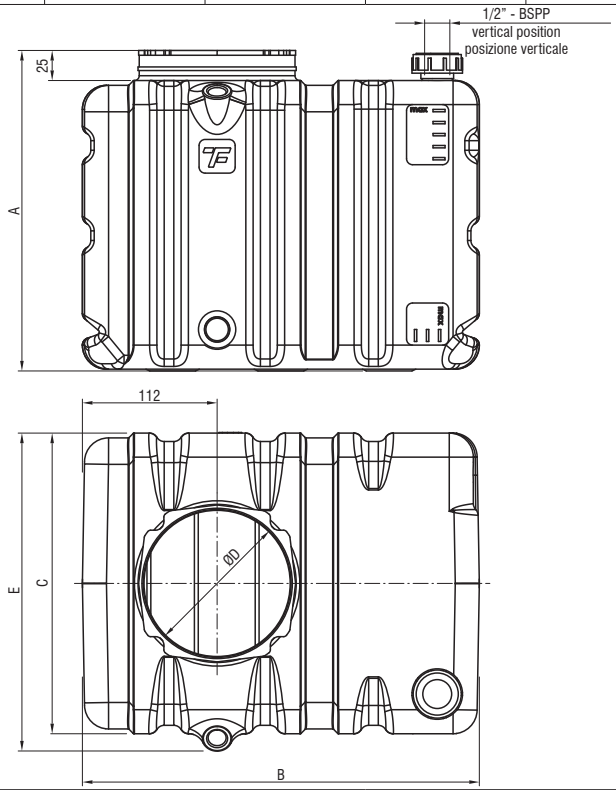
Plastic tanks: horizontal version
Serbatoi in plastica: versione orizzontale

CODE	Tank capacity Volume [l]	A	B	C	D	E	Tanks characteristics
SP30H	10	192	330	250	123	271	Temperature range: -15°C ÷ 70°C
SP31H	12	217	330	250	123	271	Materials: HDPE & PP (polypropilene)
SP32H	15	267	330	250	123	271	
SP33H	20	332	330	250	123	271	Color: neutral trasparent



Plastic tanks: vertical version
Serbatoi in plastica: versione verticale

CODE	Tank capacity Volume [l]	A	B	C	D	E	Tanks characteristics
SP30V	10	192	330	250	123	264	Temperature range: -15°C ÷ 70°C
SP31V	12	217	330	250	123	264	Materials: HDPE & PP (polypropilene)
SP32V	15	267	330	250	123	264	
SP33V	20	332	330	250	123	264	Color: neutral trasparent



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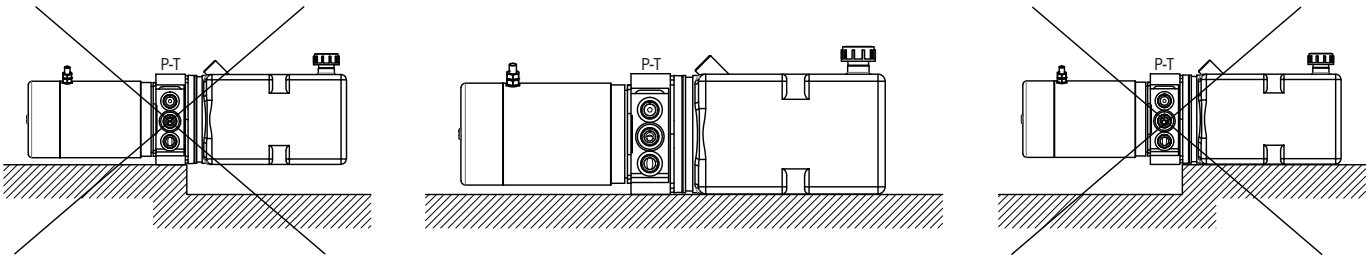
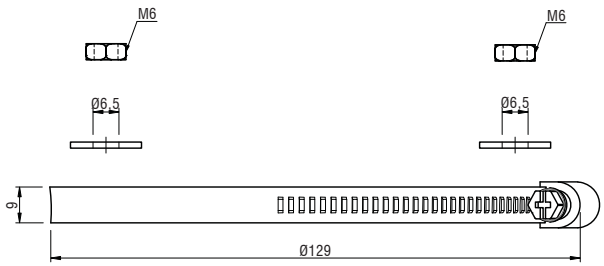
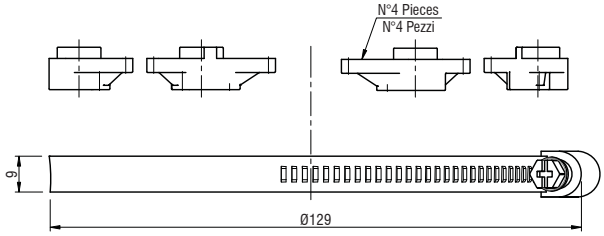
Correct mounting position for plastic tanks
Corretta posizione di montaggio per serbatoi in plastica



Tanks mounting kit
Kit fissaggio serbatoi

CODE	Tank type Tipo serbatoio	Drawing Disegno
KS1	SP01 - SP02 - SP03 - SP04 - SP05 SP06 - SP07 - SP08 - SP09 - SP10	
KS2	SP15 - SP16 - SP17 - SP18 SP30 - SP31 - SP32 - SP33	

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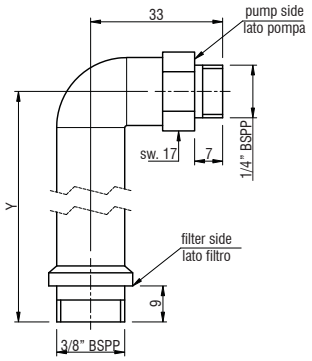
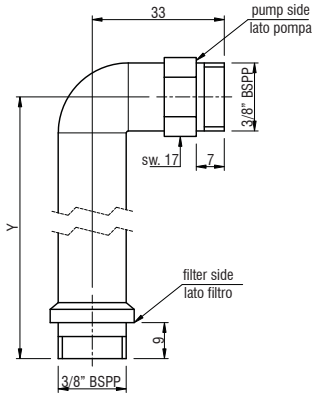
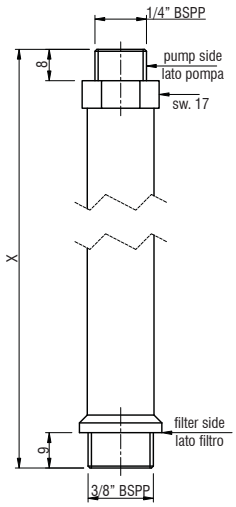
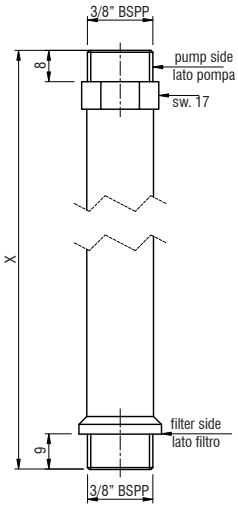
Plastic suction pipes for horizontal tanks
Tubi di aspirazione in plastica per serbatoi orizzontali

CODE		Y [mm]	4C series	8C series
4C35	8C35	35		
4C40	8C40	40		
4C50	8C50	50		
4C58	8C58	58		
4C68	8C68	68		
4C77	8C77	77		
4C89	8C89	89		

Plastic suction pipes for vertical tanks
Tubi di aspirazione in plastica per serbatoi verticali

CODE	X [mm]	4D series	CODE	X [mm]	8D series
4D30	30		8D50	50	
4D43	43		8D75	75	
4D72	72		8D100	100	
4D87	87		8D125	125	
4D96	96		8D150	150	
4D114	114		8D170	170	
4D132	132		8D185	185	
4D147	147		8D200	200	
4D172	172		8D215	215	
4D187	187		8D230	230	
4D222	222		8D245	245	
4D237	237		8D260	260	
			8D280	280	
			8D300	300	
			8D320	320	
			8D340	340	
			8D370	370	

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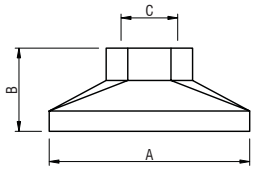
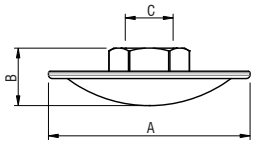
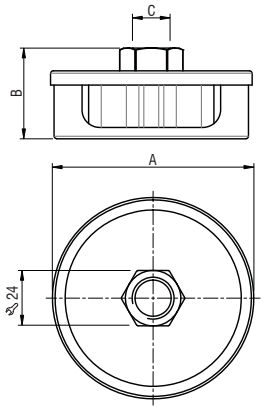
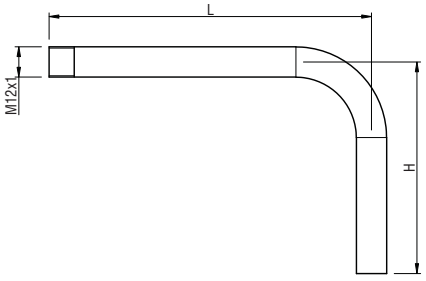
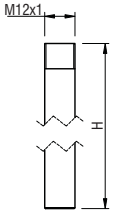
Suction filters
Filtri in aspirazione

CODE	A [mm]	B [mm]	C [mm]	Flow Portata [mm]	Filtering Filtraggio	Drawing Disegno
FP01	59	24,5	1/4”	15	90•	
FP02	59	24,5	3/8”	15	90•	
FM01	Ø63	18,5	1/4”	5	90•	
FM02	Ø63	20	3/8”	8	90•	
FM21	Ø80	26	1/4”	8	90•	
FM22	Ø80	36	3/8”	10	90•	

Steel return pipes for horizontal tanks
Tubi di scarico in acciaio per serbatoi orizzontali

CODE	L [mm]	H [mm]	Drawing Disegno
SC128	128	84	
SC114	114	39	
SC164	164	84	

Steel return pipes for vertical tanks
Tubi di scarico in acciaio per serbatoi verticali

CODE	H [mm]	Drawing Disegno
SD080	80	
SD150	150	
SD200	200	
SD300	300	
SD400	400	

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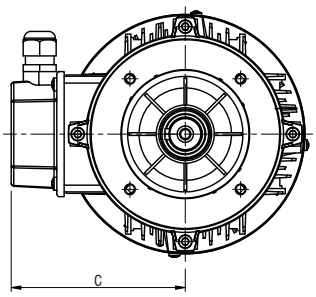
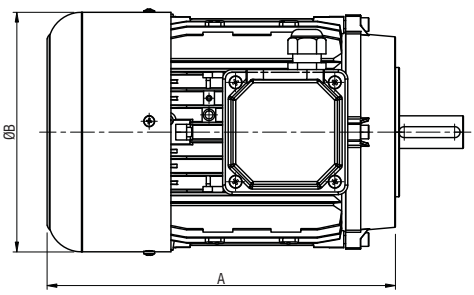
AC single-phase motor 220V - 50Hz - Frame B14 - IP54 - Duty cycle S1
Motore CA monofase 220V - 50Hz - Tipologia costruttiva B14 - IP54 - Servizio S1

CODE	Power Potenza [kW]	Nom. Current Corrente nominale [A]	C_{start} / $C_{nom.}$	MEC	A	ØB	C	C_{start} / $C_{nom.}$	Nom. Current Corrente nominale [A]	Power Potenza [kW]	CODE
2 poles motors (2900 rpm at 50 Hz)								4 poles motors (1450 rpm at 50 Hz)			
M204	0.37	2,56	0,8	71	218	140	109	0.7	2,26	0.25	**M403**
M205	0.55	3,75	0,7	71	218	140	109	0.8	3,00	0.37	**M404**
M206	0.75	5,10	0,7	80	237	156	123	0.8	3,70	0.55	**M405**
M207	1.1	7,35	0,8	80	237	156	123	0,7	5,40	0.75	**M406**
M208	1.5	9,60	0,9	90	255	178	128	0,7	7,23	1.1	**M407**
M210	2.2	13,43	0,6	90	279	178	128	0,9	10,10	1.5	**M408**
				100	279	178	128	0,6	15,16	2.2	**M410**

AC three-phase motor 230-400V - 50Hz - Frame B14 - IP54 - Duty cycle S1
Motore CA trifase 230-400V - 50Hz - Tipologia costruttiva B14 - IP54 - Servizio S1

CODE	Power Potenza [kW]	Nom. Current Corrente nominale [A]	C_{start} / $C_{nom.}$	MEC	A	ØB	C	C_{start} / $C_{nom.}$	Nom. Current Corrente nominale [A]	Power Potenza [kW]	CODE
2 poles motors (2900 rpm at 50 Hz)								4 poles motors (1450 rpm at 50 Hz)			
T204	0.37	1,00	2,2	71	218	140	109	2,0	0,96	0.25	**T403**
T205	0.55	1,40	2,6	71	218	140	109	2,0	1,20	0.37	**T404**
T206	0.75	1,90	2,8	80	237	156	123	2,2	1,60	0.55	**T405**
T207	1.1	2,80	2,6	80	237	156	123	2,2	2,00	0.75	**T406**
T208	1.5	3,40	2,7	90	255	178	128	2,5	2,80	1.1	**T407**
T210	2.2	5,10	4,0	90	279	178	128	3,0	3,70	1,50	**T408**
T211	3	6,00	3,3	100	279	178	128	2,3	5,30	2,2	**T410**
				100	309	194	137	2,3	6,70	3	**T411**
				112	331	219	150	2,5	9,40	4	**T412**





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Alternate current motors compact mounting style
Motori a corrente alternata flangia quadra

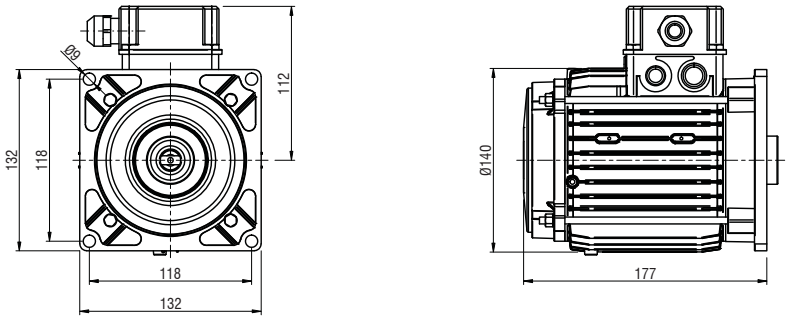
These motors are designed to reduce the overall dimensions and are suitable in three phase and single phase style, 2 or 4 poles, 50 or 60 Hz, with power range from 0,75 to 3 kW. Sizes MEC71 - MEC80 - MEC90, duty cycle S3 = 30%

Questi motori sono studiati per ridurre le dimensioni d' ingombro e sono disponibili in versione trifase e monofase, 2 o 4 poli, 50 o 60 Hz, con potenze da 0,75 a 3 kW. Grandezze MEC71 - MEC80 - MEC90, servizio S3 = 30%

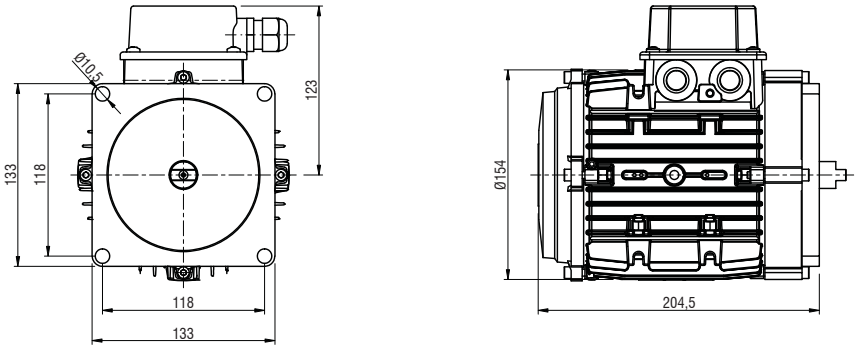
ORDERING CODE:

- add FQ after the standard motor code (example: T406FQ for AC three-phase motor 1,5kW - 4 poles)
- aggiungere FQ dopo il codice del relativo motore standard (esempio: T406FQ per un motore trifase da 1,5kW - 4 poli)

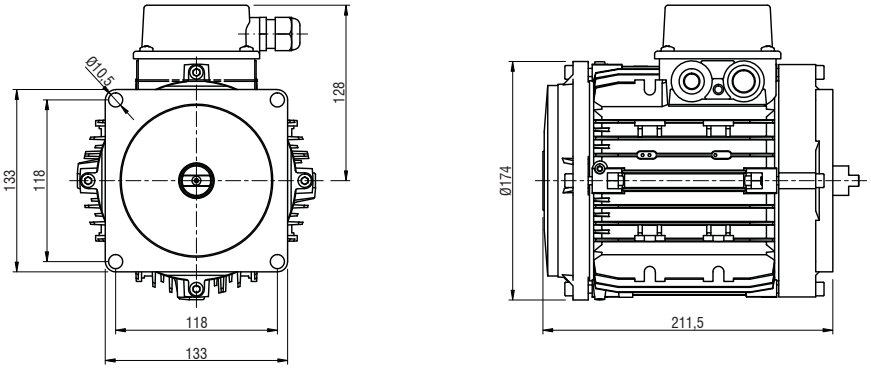
For further information, please contact our sales department
Per ulteriori informazioni, vi preghiamo di contattare il nostro ufficio commerciale



MEC71



MEC80



MEC90

ORDERING CODE:

- add FQ after the standard motor code (example: T406FQ for AC three-phase motor 1,5kW - 4 poles)
- aggiungere FQ dopo il codice del relativo motore standard (esempio: T406FQ per un motore trifase da 1,5kW - 4 poli)

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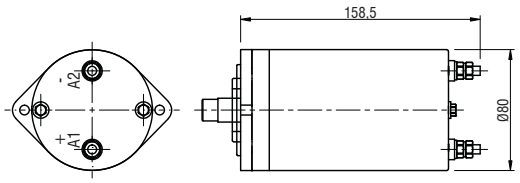
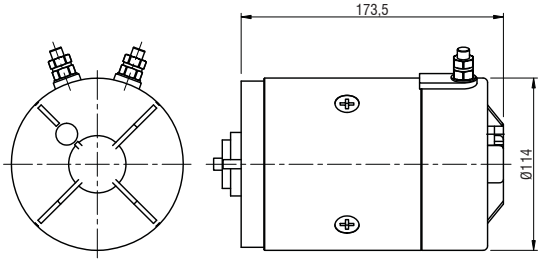
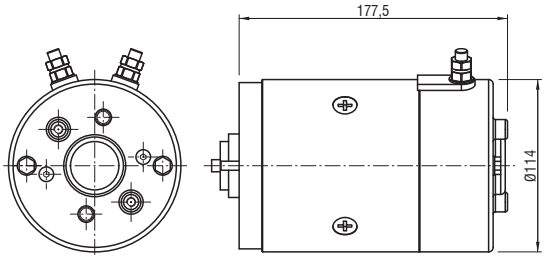
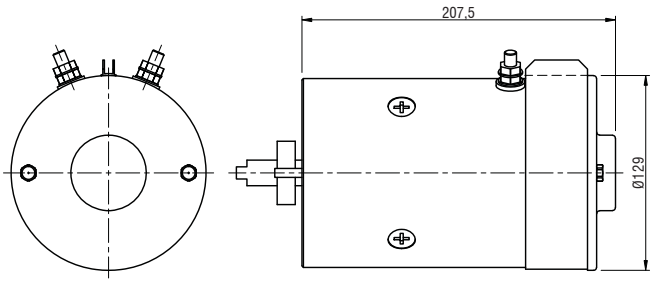
Direct current motors
Motori corrente continua

CODE	Voltage Tensione [V]	Power Potenza [Watt]	Rpm N° Giri	S2 [min]	S3 [%]	Reversible Reversibile	Protection index Indice di protezione	Thermal switch Termica	Drawing Disegno
C102	12	500	2500	5	17	YES	IP44	NO	
C103	12	800	3500	4	9	YES	IP44	NO	
C114	12	500	2500	4	15	YES	IP44	YES	
C113	12	800	3500	4	9	YES	IP44	YES	
C202	24	500	2800	5	17	YES	IP44	NO	
C203	24	800	4000	2,5	8	YES	IP44	NO	
C214	24	500	2800	4	15	YES	IP44	YES	
C213	24	800	4000	2,5	8	YES	IP44	YES	
C104	12	1600	2600	2	10	NO	IP54	NO	
C105	12	1600	2600	2	10	NO	IP54	YES	
C204	24	2200	2600	2	5	NO	IP54	NO	
C205	24	2200	2600	2	5	NO	IP54	YES	
C115	12	1600	2600	2	8	NO	IP54	YES	
C215	24	2200	2600	2	5	NO	IP54	YES	
C402	48	2000	2400	3	12	NO	IP54	YES	
C106	12	2400	2600	3	12	NO	IP54	YES	
C206	24	3000	2600	4	8	NO	IP54	NO	
C207	24	3000	2600	4	8	NO	IP54	YES	

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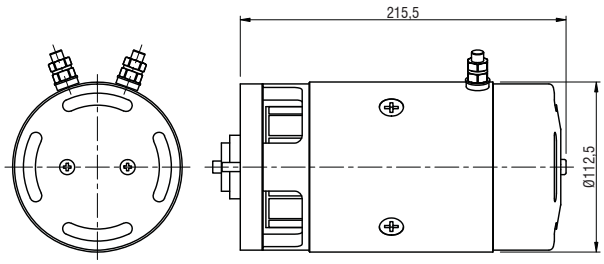
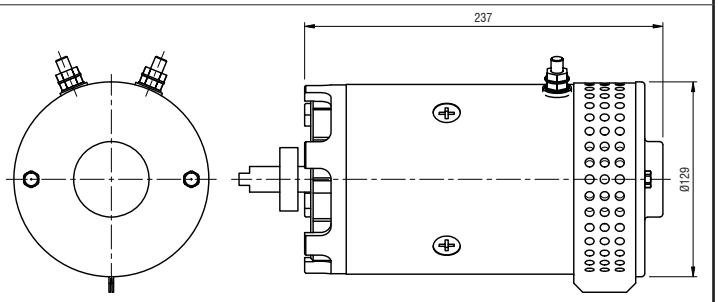
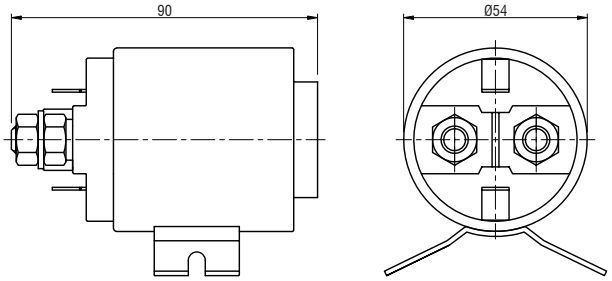
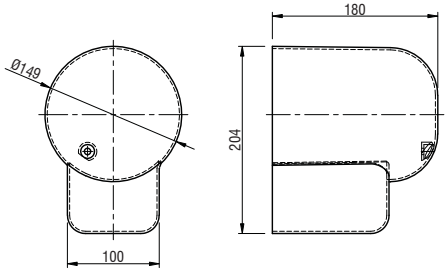
Fan cooled direct current motor
Motore corrente continua con ventilazione

CODE	Voltage Tensione [V]	Power Potenza [Watt]	Rpm N° Giri	S2 [min]	S3 [%]	Reversible Reversibile	Protection index Indice di protezione	Thermal switch Termica	Drawing Disegno
C130	12	1500	2200	4	14	NO	IP20	NO	
C230	24	2000	2200	5	10	NO	IP20	NO	
C231	24	3000	3300	6	16	NO	IP20	NO	

Starting relay
Teleruttore di avviamento

CODE	Voltage Tensione [V]	Nominal current Corrente nominale [A]	Short-time maximum current Corrente massima [A]	Min.Cutting Voltage Tensione min. distacco [V]	Drawing Disegno
A	Without starting relay Senza teleruttore di avviamento				
B	12	200	350	8,4	
D	24	200	350	16,8	

Protection cover
Coperchio di protezione

CODE	Description Descrizione	Drawing Disegno
0	Without protection cover Senza coperchio di protezione	
1	With protection cover Con coperchio di protezione	

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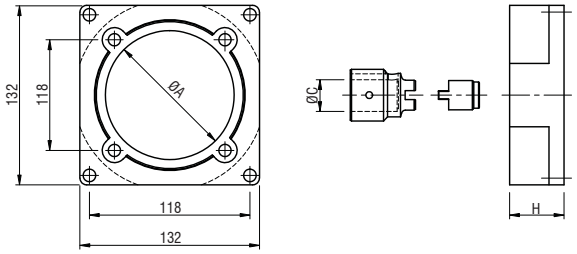
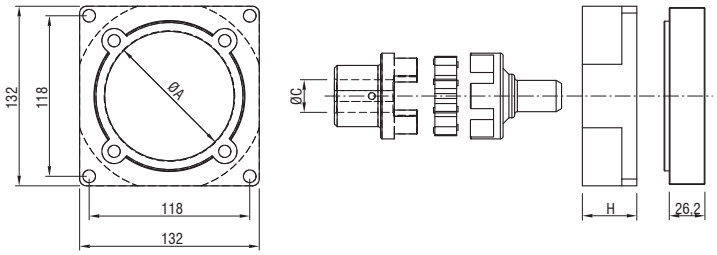
Junction elements for AC motors
Elementi di connessione per motori AC

CODE GR. 1	CODE GR. 05	Motor codes Sigle motori	Size IEC	A (mm)	C (mm)	H (mm)	Drawing Disegno
FA71	**FA72**	M/T204 - M/T205 M/T403 - M/T404	71	70	14	20.5	
FA80	**FA82**	M/T206 - M/T207 M/T405 - M/T406	80	80	19	29	
FA90		M/T208 - M/T210 M/T407 - M/T408	90	95	24	40	
FA100		T211-M/T410-T411	100	110	28	57	
		T412	112				



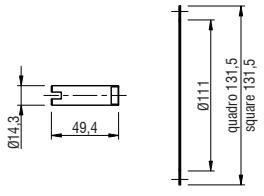
Junction elements for AC motors
Elementi di connessione per motori AC

CODE GR. 1	CODE GR. 05	Motor codes Sigle motori	Size IEC	A (mm)	C (mm)	H (mm)	Drawing Disegno
FA71C		M/T204 - M/T205 M/T403 - M/T404	71	70	14	20.5	
FA80C		M/T206 - M/T207 M/T405 - M/T406	80	80	19	29	
FA90C		M/T208 - M/T210 M/T407 - M/T408	90	95	24	40	
FA100C		T211-M/T410-T411	100	110	28	57	
		T412	112				

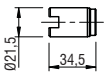


Junction elements for direct flanged AC motors
Elementi di connessione per motori AC a flangiatura diretta

CODE GR. 1	CODE GR. 05	Motor codes Sigle motori	Size IEC	A (mm)	C (mm)	H (mm)	Drawing Disegno
FA01			71				



CODE GR. 1	CODE GR. 05	Motor codes Sigle motori	Size IEC	A (mm)	C (mm)	H (mm)	Drawing Disegno
FA02			80 90				



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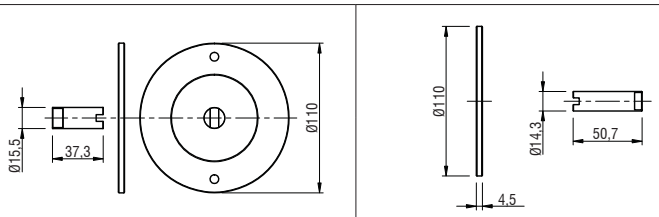
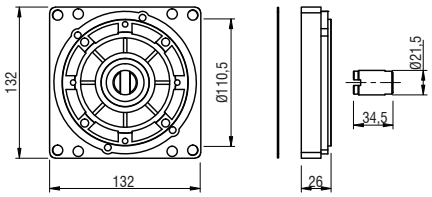
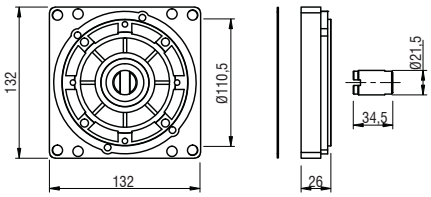
Junction elements for DC motors
Elementi di connessione per motori DC

CODE GR. 1	CODE GR. 05	Motor codes Sigle motori	Drawing Disegno
FC01	**FC05**	C102-C103-C113-C114-C202-C203-C213-C214	
FC02	**FC06**	C104-C105-C115-C130-C204-C205-C215-C230-C401-C402	
FC03		C106 - C206 - C207	
FC04		C231	
			

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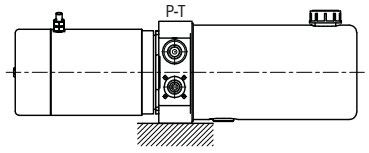
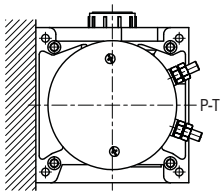
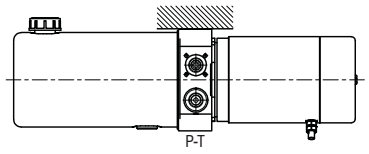
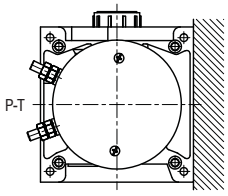
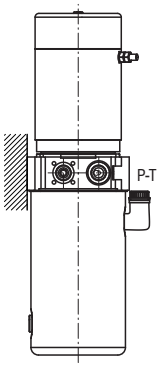
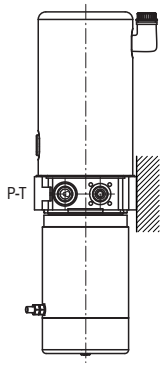
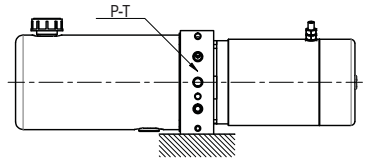
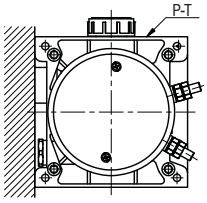
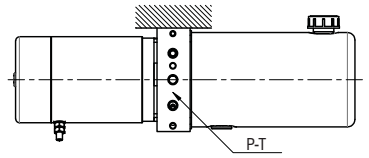
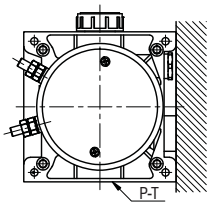
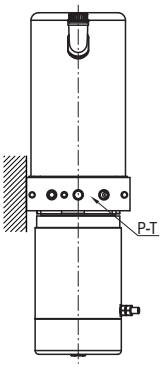
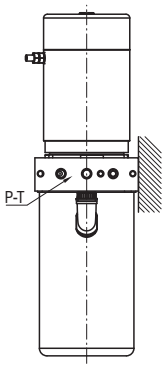
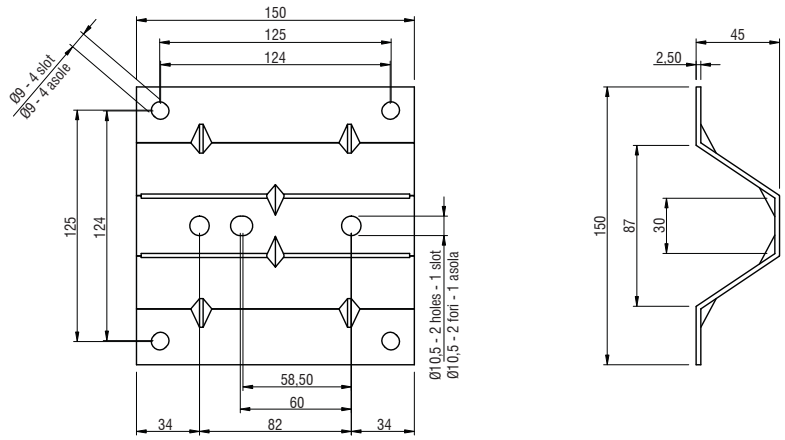
Power pack mounting positions
Posizioni di montaggio della centralina

CODE	Position Posizione	Drawing Disegno
1H	1	 1
2H	2	
3H	3	 3
4H	4	 2
1V	5	 4
2V	6	 5
		 6

Specials mounting position for central manifold A1B
Posizioni speciali di montaggio del collettore A1B

5H	1	 1
6H	2	
7H	3	 3
8H	4	 2
3V	5	 4
4V	6	 5
		 6

Mounting brackets
Supporto di montaggio

CODE	Drawing Disegno
G00	Without mounting bracket Senza supporto di montaggio
G01	

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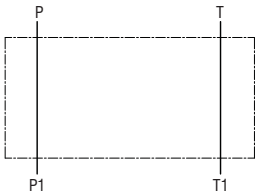
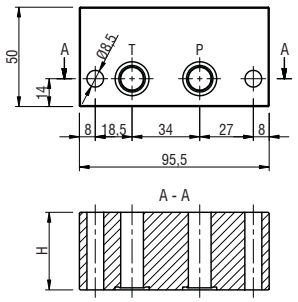
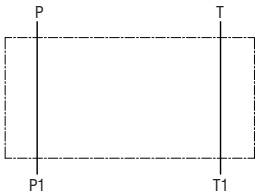
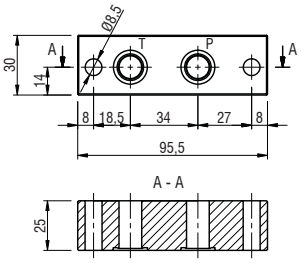
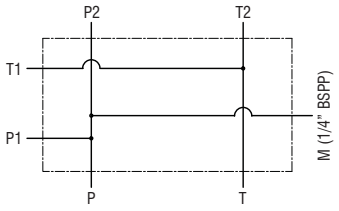
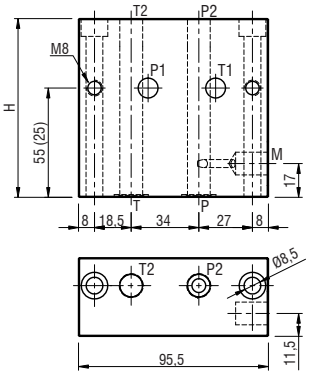
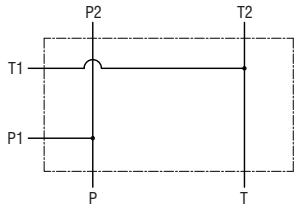
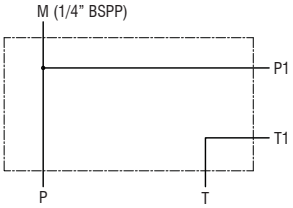
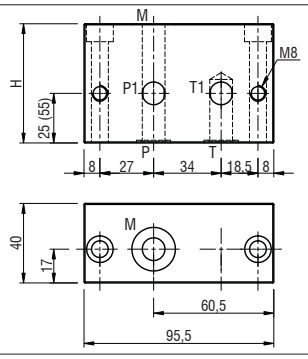
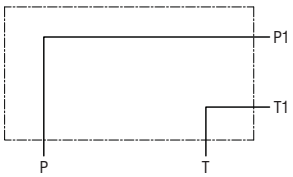
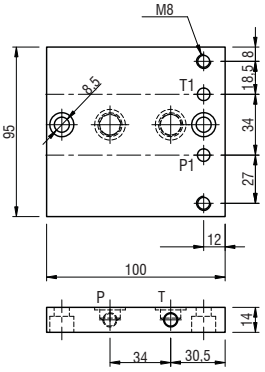
CODE	Description Descrizione	Symbol Schema	Drawing Disegno
B09	Spacer element H=18 Distanziale H=18		
B01	Spacer element H=39 Distanziale H=39		
B02	Spacer element H=69 Distanziale H=69		
B92	Spacer element H=25 Distanziale H=25		
B15	Adaptor for motor side rotation of the modular block H=90 Adattatore per rotazione lato motore dei blocchi modulari H=90		
B51	Adaptor for motor side rotation of the modular block H=60 Adattatore per rotazione lato motore dei blocchi modulari H=60		
B26	Adaptor for tank side rotation of the modular block H=60 Adattatore per rotazione lato serbatoio dei blocchi modulari H=60		
B76	Adaptor for tank side rotation of the modular block H=90 Adattatore per rotazione lato serbatoio dei blocchi modulari H=90		
B33	Adaptor for 90° rotation of the modular block Adattatore per rotazione a 90° dei blocchi modulari		

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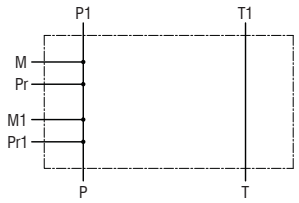
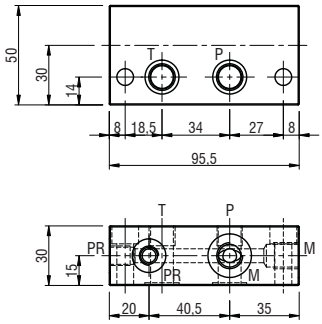
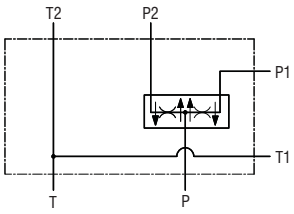
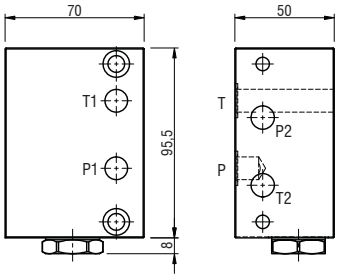
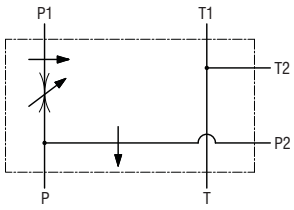
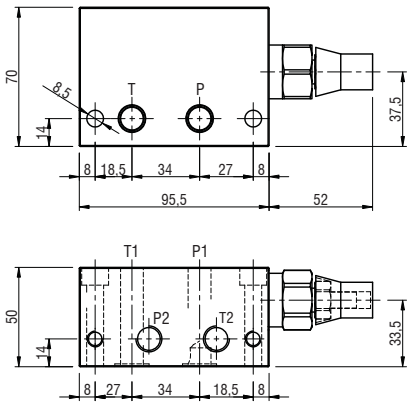
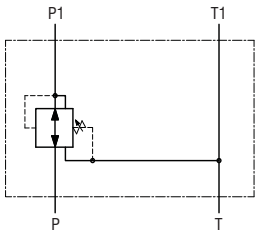
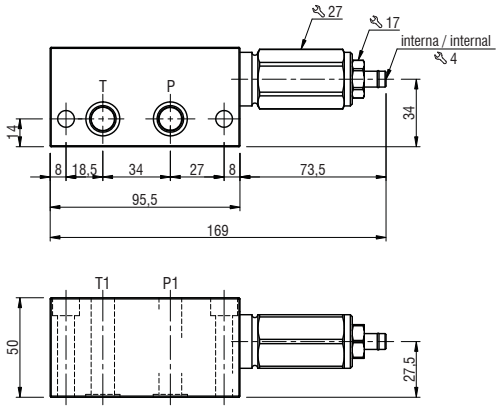
CODE	Description Descrizione	Symbol Schema	Drawing Disegno
B128	Modular block with 4 extra P ports Blocco modulare con 4 attacchi P supplementari		
B30	Modular block with 50% ÷ 50% flow divider valve Blocco modulare con valvola divisore di flusso 50% ÷ 50%		
B41	Modular block with pressure compensated priority valve Blocco modulare con valvola prioritaria compensata baricamente		
B73	Modular block with pressure reducing valve Blocco modulare con valvola riduttrice di pressione		

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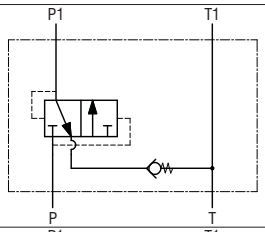
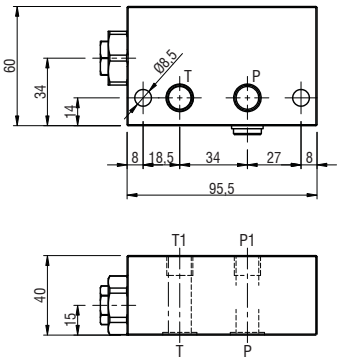
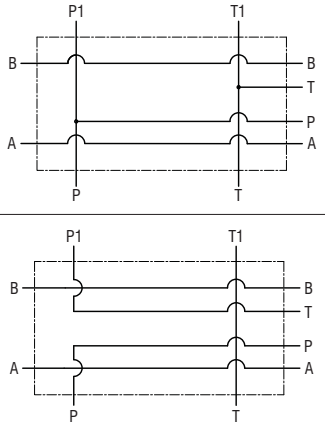
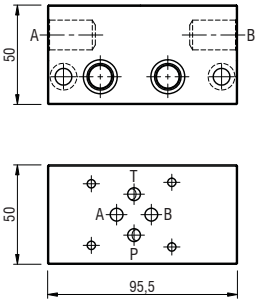
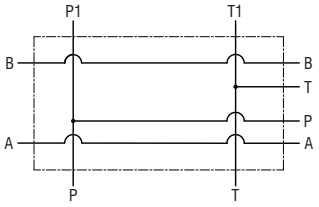
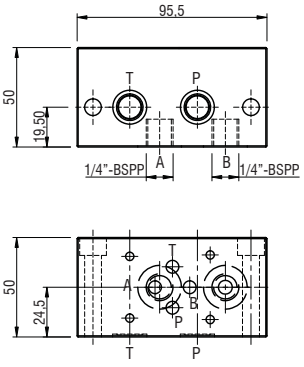
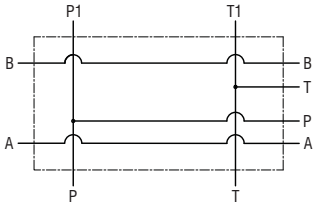
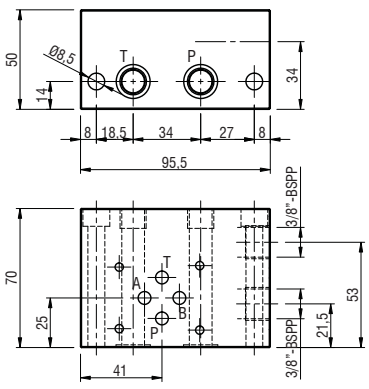
CODE	Description Descrizione	Symbol Schema	Drawing Disegno
B259 A **B259 B**	Modular block with automatic unloading valve Blocco modulare con valvola di messa a scarico automatica		
B03 **B11**	Modular block for parallel or serial assembling of a CETOP3 - NG6 electrovalve Blocco modulare per montaggio in parallelo o in serie di una elettrovalvola CETOP3 - NG6		
B85	Modular block for parallel assembling of a CETOP3 - NG6 electrovalve Blocco modulare per montaggio in parallelo di una elettrovalvola CETOP3 - NG6		
B142	Modular block for parallel assembling of a CETOP3 - NG6 electrovalve Blocco modulare per montaggio in parallelo di una elettrovalvola CETOP3 - NG6		

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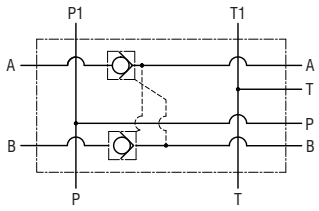
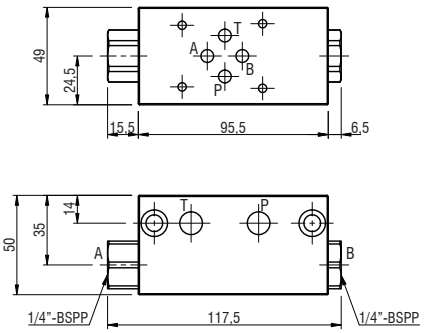
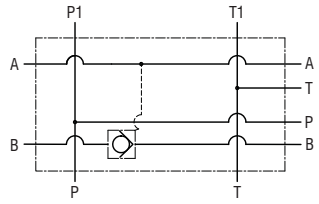
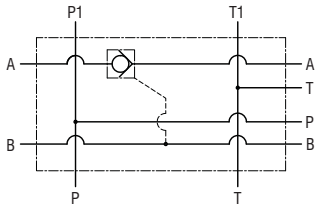
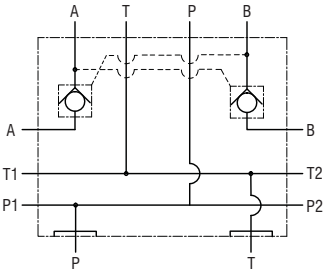
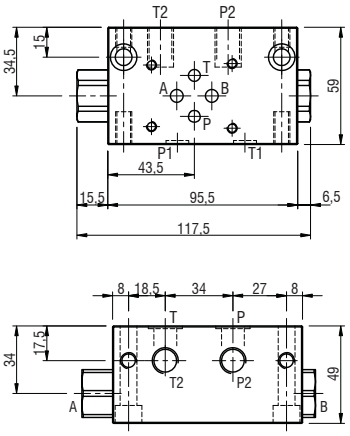
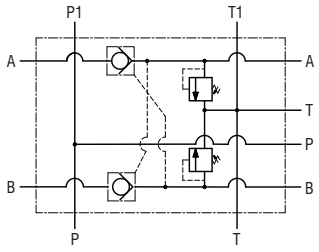
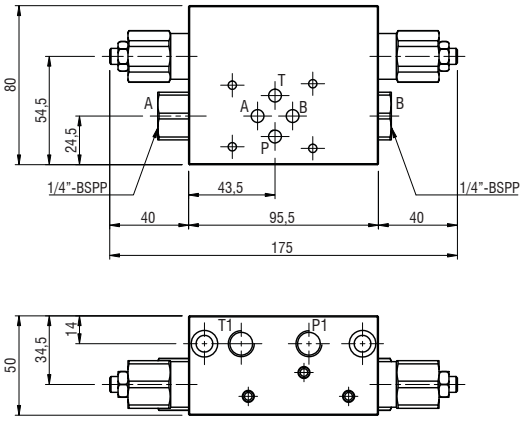
CODE	Description Descrizione	Symbol Schema	Drawing Disegno
B118	Modular block for parallel assembling of a CETOP3 - NG6 electrovalve with piloted operated check valves on A and B Blocco modulare per montaggio in parallelo di una elettrovalvola CETOP3 - NG6 con valvole di ritegno pilotate su A e B		
B122			
B123			
B90	Modular block for parallel assembling of a CETOP3 - NG6 electrovalve with piloted operated check valves on A and B Blocco modulare per montaggio in parallelo di una elettrovalvola CETOP3 - NG6 con valvole di ritegno pilotate su A e B		
B121	Modular block for parallel assembling of a CETOP3 - NG6 electrovalve with piloted operated check valves an relief valves on A and B Blocco modulare per montaggio in parallelo di una elettrovalvola CETOP3 - NG6 con valvole di ritegno pilotate e valvole di massima su A e B		

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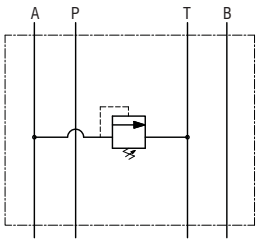
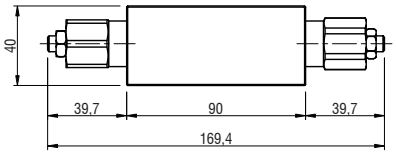
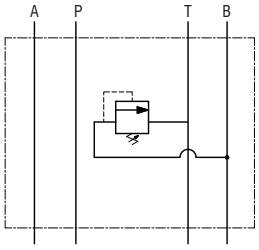
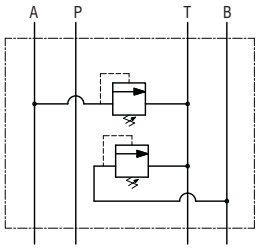
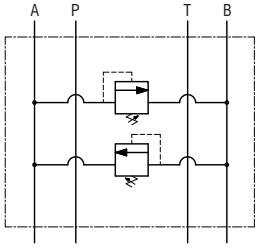
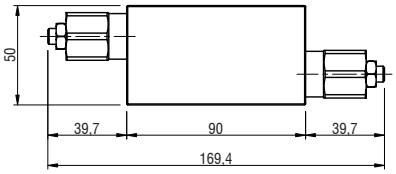
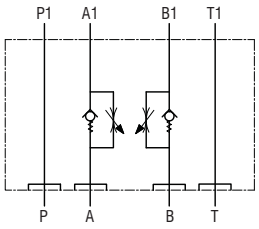
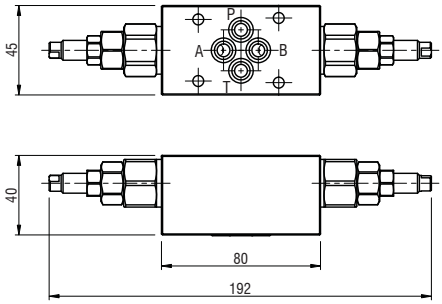
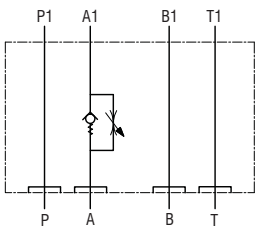
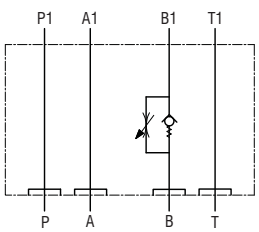
CODE	Description Descrizione	Symbol Schema	Drawing Disegno
B05	Sandwich block for CETOP3 - NG6 electrovalve with relief valve Blocco di interposizione per elettrovalvola CETOP3 - NG6 con valvola limitatrice di pressione		
B06			
B07			
B08	Sandwich block for CETOP3 - NG6 electrovalve with relief valve Blocco di interposizione per elettrovalvola CETOP3 - NG6 con valvola limitatrice di pressione		
B78	Sandwich block for CETOP3 - NG6 electrovalve with flow regulator valve Blocco di interposizione per elettrovalvola CETOP3 - NG6 con valvola regolatrice di portata		
B79			
B80			

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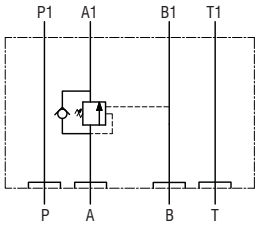
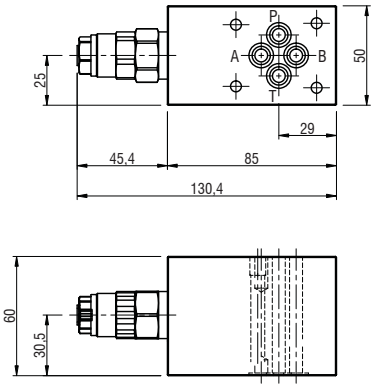
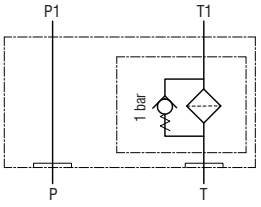
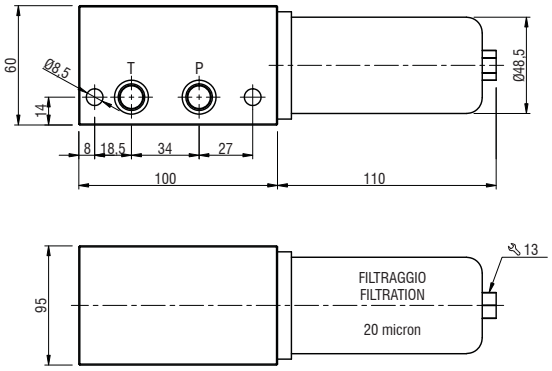
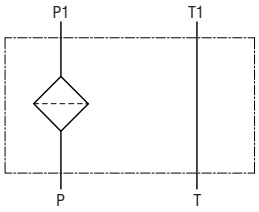
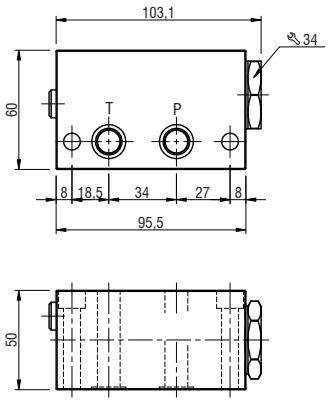
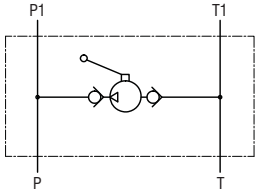
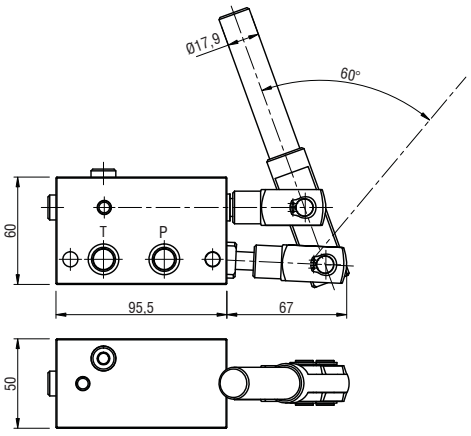
CODE	Description Descrizione		Symbol Schema	Drawing Disegno
B44	Sandwich block for CETOP3 - NG6 electrovalve with counterbalance valve on A Blocco di interposizione per elettrovalvola CETOP3 - NG6 con valvola di bilanciamento su A			
B38	Modular block with filter on the return line Blocco modulare con filtro sullo scarico			
	Max presure/Max press.	6 bar		
	Max flow rate/Portata max	20 l/min		
B39_	Modular block with filter on the pressure line Blocco modulare con filtro sulla mandata			
	Filtering/ Filtraggio			
	B39_10	10 micron		
	B39_25	25 micron		
	B39_40	40 micron		
	Max presure/Max press.	250 bar		
	Max flow rate/Portata max	10 l/min		
B20	Modular hand pump 6,5cc Pompa a mano modulare 6,5cc			

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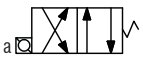
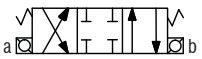
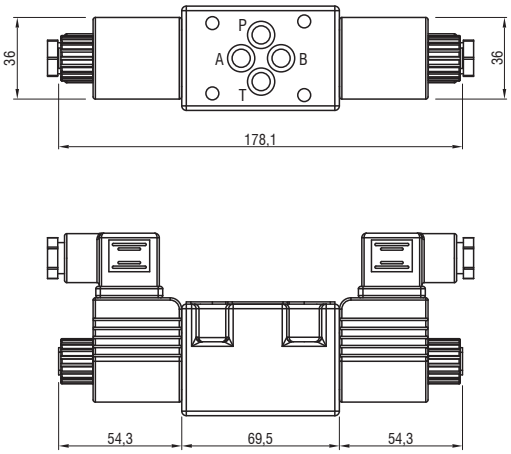
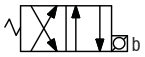
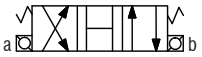
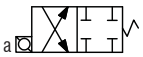
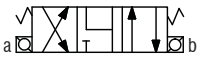
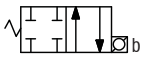
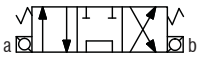
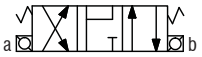
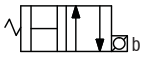
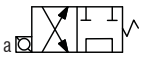
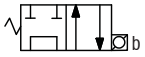
CODE	Description Descrizione	CODE	Description Descrizione	Drawing Disegno
E02		**E06**		
E11		**E07**		
E05		**E08**		
E13		**E10**		
E03		**E20**		
E04				
E14				
E15				
Maximum pressure - Pressione massima: 280 bar				
Maximum flow rate - Portata massima: 30 l/min				

Ports Attacchi		Solenoids voltage Tensione dei solenoidi		
CODE	Description Descrizione	CODE	Description Descrizione	Characteristics Caratteristiche
1	1/4” BSPP	**00**	No solenoid Nessun solenoide	Nominal power **27W** Potenza nominale Duty cycle **100%** Ciclo di lavoro Insulation class **F (T=155°C)** Classe di isolamento Protection index **IP65** Indice di protezione
2	3/8” BSPP	**OA**	12 Vdc	
		OB	24 Vdc	
		OC	48 Vdc	
		OV	24 Vrac	
		OW	110 Vrac	
		OZ	220 Vrac	

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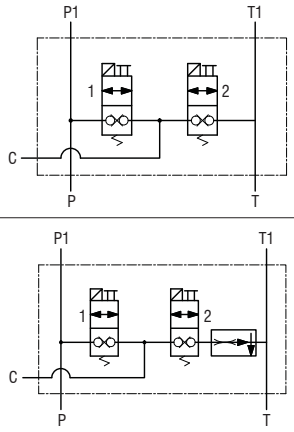
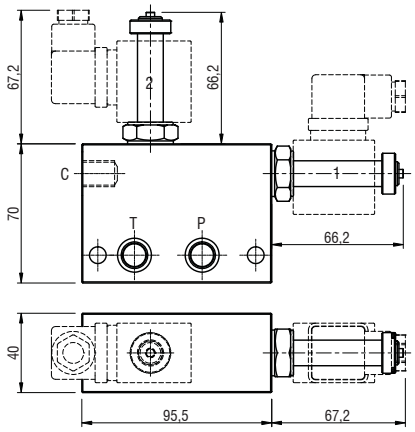
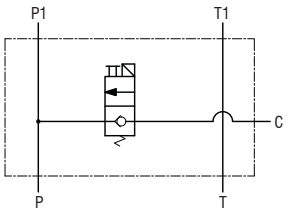
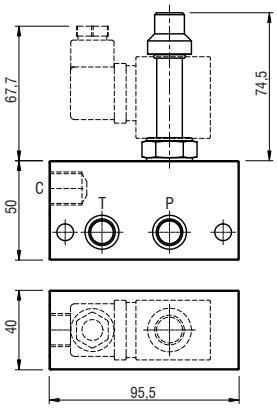
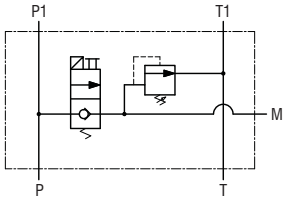
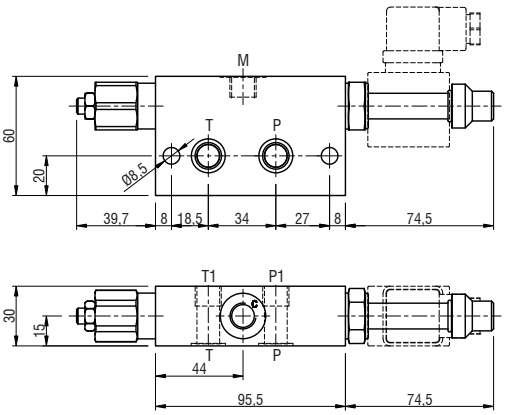
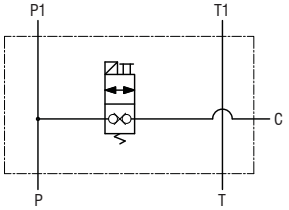
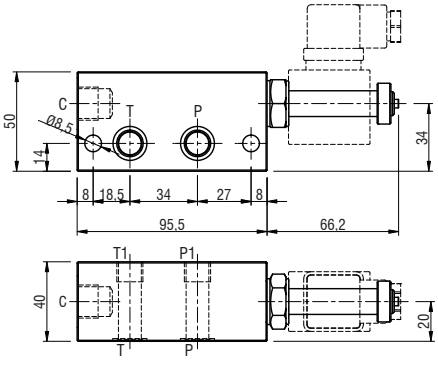
NOTE: the coils are not included in the modular elements
NOTA: le bobine non sono comprese negli elementi modulari

CODE	Description Descrizione	Symbol Schema	Drawing Disegno
V07 **V09**	Modular block for single acting circuit or regenerative double acting circuit Blocco modulare per circuito semplice effetto o per circuito rigenerativo doppio effetto		
V14	Modular block with single locking electric cartridge valve Blocco modulare con valvola elettrica a singola tenuta		
V136	Modular block to reduce the working pressure on the main circuit Blocco modulare per ridurre la pressione di lavoro sul circuito principale		
V100	Modular block with double locking electric cartridge valve Blocco modulare con valvola elettrica doppia tenuta		

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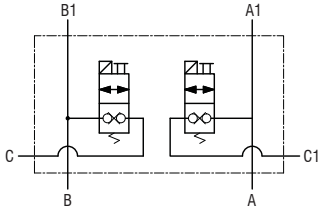
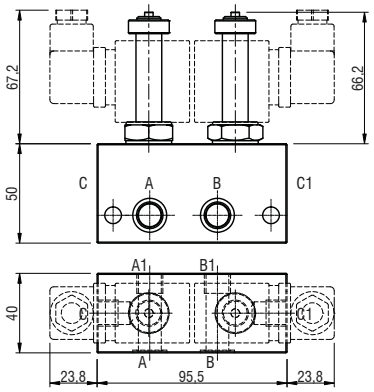
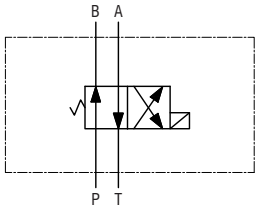
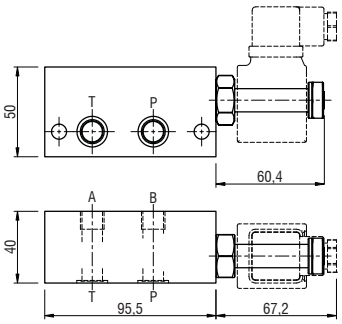
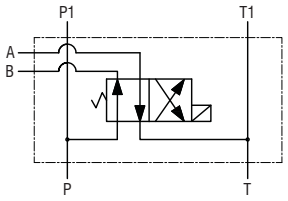
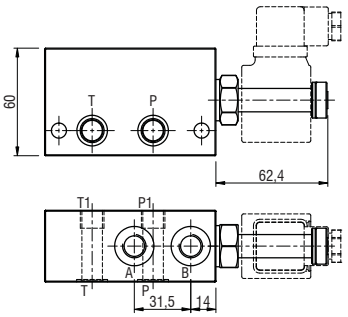
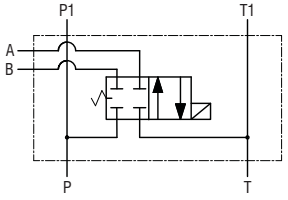
NOTE: the coils are not included in the modular elements
NOTA: le bobine non sono comprese negli elementi modulari

CODE	Description Descrizione	Symbol Schema	Drawing Disegno
V46	Modular block with 2 double locking electric cartridge valves Blocco modulare con 2 valvole elettriche a doppia tenuta		
V39	Modular block for double acting circuit with V42S13 cartridge electric valve Blocco modulare per circuito doppio effetto con valvola elettrica a cartuccia V42S13		
V40	Modular block for double acting circuit with V42S13 cartridge electric valve Blocco modulare per circuito doppio effetto con valvola elettrica a cartuccia V42S13		
V41			

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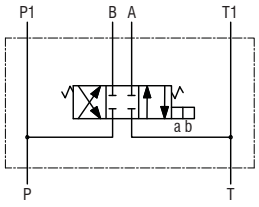
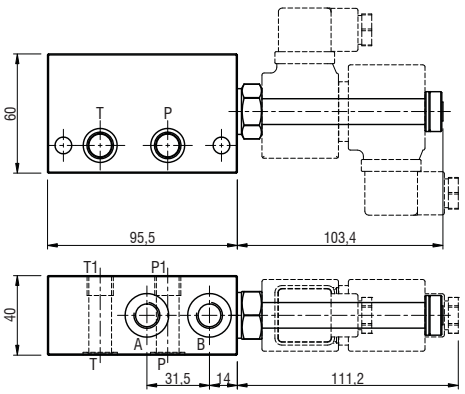
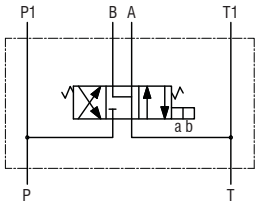
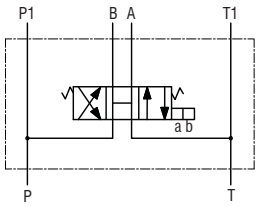
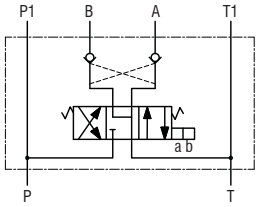
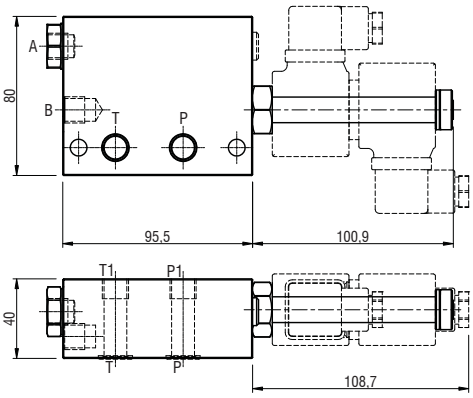
NOTE: the coils are not included in the modular elements
NOTA: le bobine non sono comprese negli elementi modulari

CODE	Description Descrizione	Symbol Schema	Drawing Disegno
V61	Modular block for double acting circuit with V43S13 cartridge electric valve Blocco modulare per circuito doppio effetto con valvola elettrica a cartuccia V43S13		
V62			
V63			
V55	Modular block for double acting circuit with V43S13 cartridge electric valve and pilot operated check valves Blocco modulare per circuito doppio effetto con valvola elettrica a cartuccia V43S13 e ritegni pilotati		

Ports Attacchi		Solenoids voltage Tensione dei solenoidi		
CODE	Description Descrizione	CODE	Description Descrizione	Characteristics Caratteristiche
1	1/4" BSPP	**00**	No solenoid / Nessun solenoide	Nominal power **18W** Potenza nominale Duty cycle **100%** Ciclo di lavoro Insulation class **F (T=155°C)** Classe di isolamento Protection index **IP65** Indice di protezione
2	3/8" BSPP	**OA**	12 Vdc	
		OB	24 Vdc	
		OC	48 Vdc	
		OL	24 Vac - 50 Hz	
		OM	110 Vac - 50 Hz	
		ON	220 Vac - 50 Hz	
		OP	24 Vac - 50/60 Hz	
		OR	24 Vac - 60 Hz	
		OT	110 Vac - 60 Hz	
		OU	220 Vac - 60 Hz	
		OV	24 Vrac	
		OW	110 Vrac	
		OZ	220 Vrac	

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