



Know-how Solutions Products

Compact power pack **PU05**

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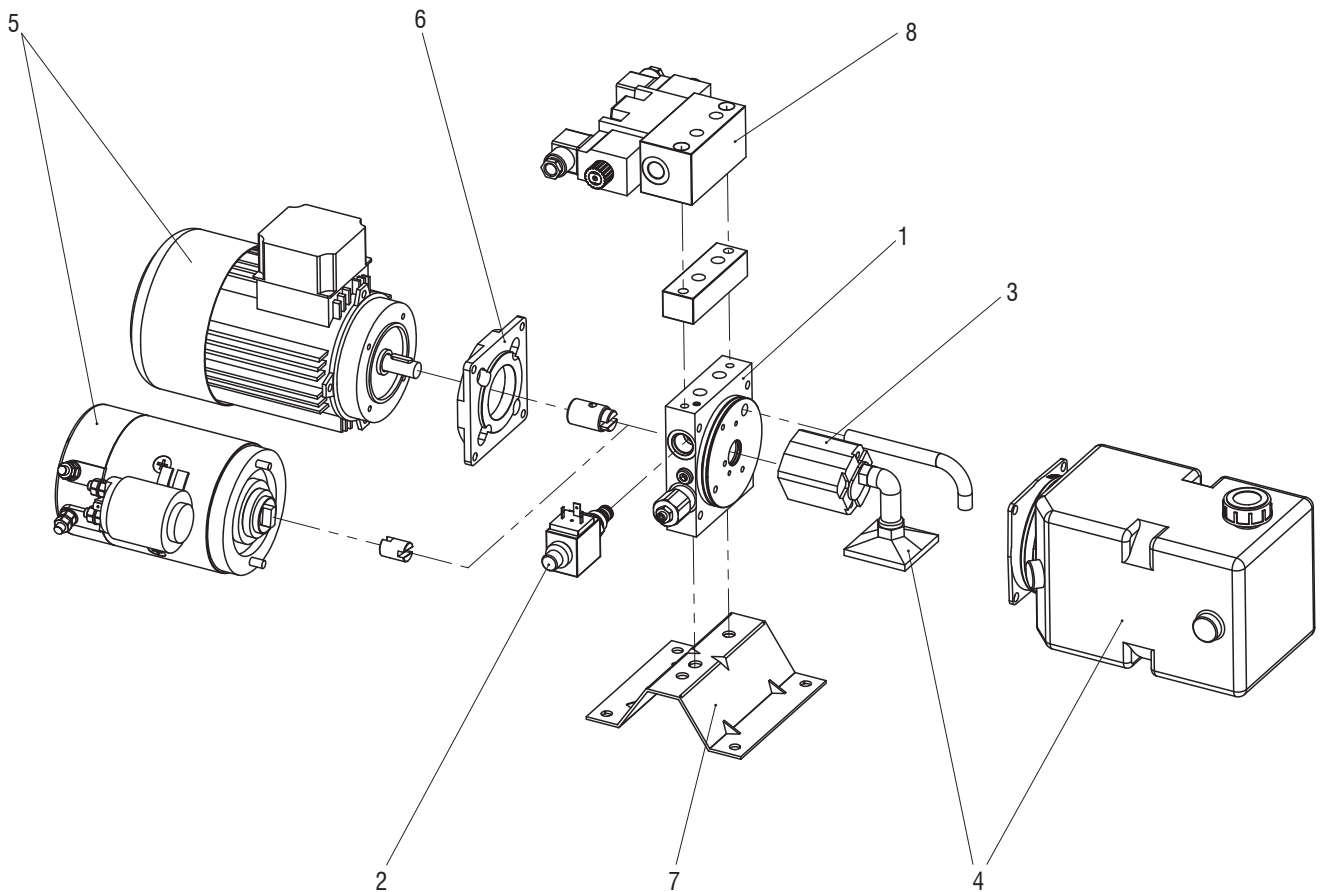


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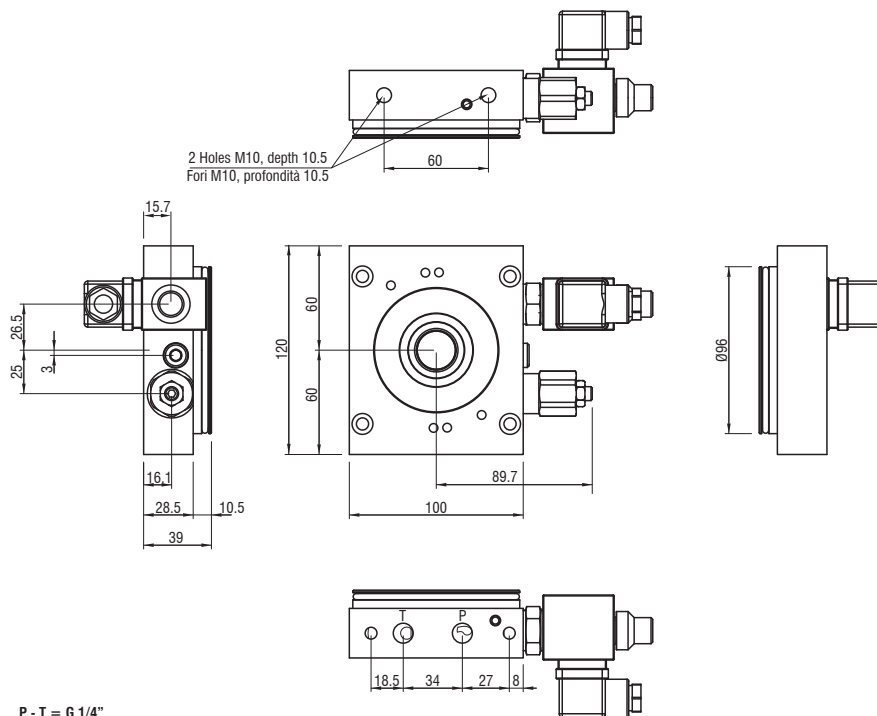
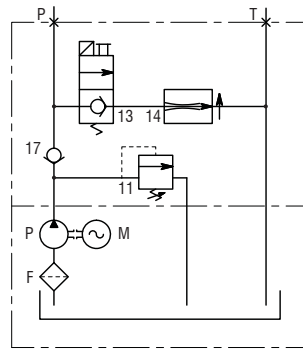
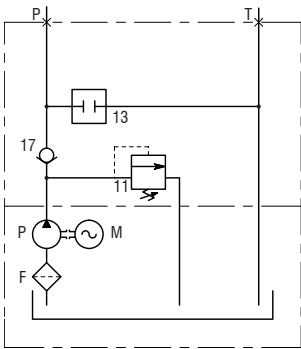
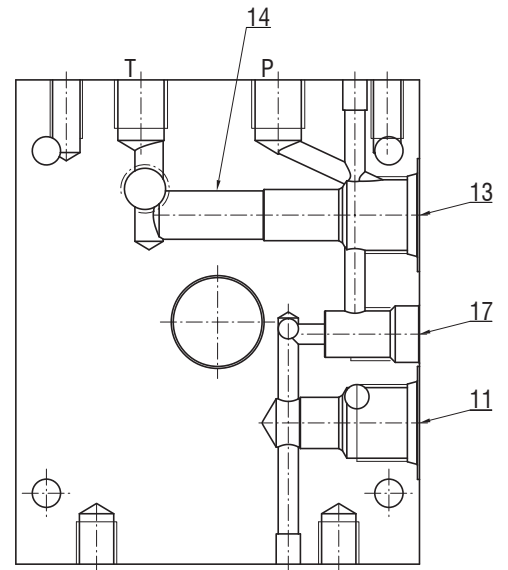
Position Posizione	1	2	3	4	5	6	7	8
PU05	___/_	___/_/_	---	---	___**/_/_	---	___/---	___/_/_
Description	Central manifold, relief valve	Screw-in valves	Pump	Oil Tank, pipes, filter	Electric motor, starting relay, protection	Junction elements	Assembly position, support	Modular elements, ports, solenoids
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:

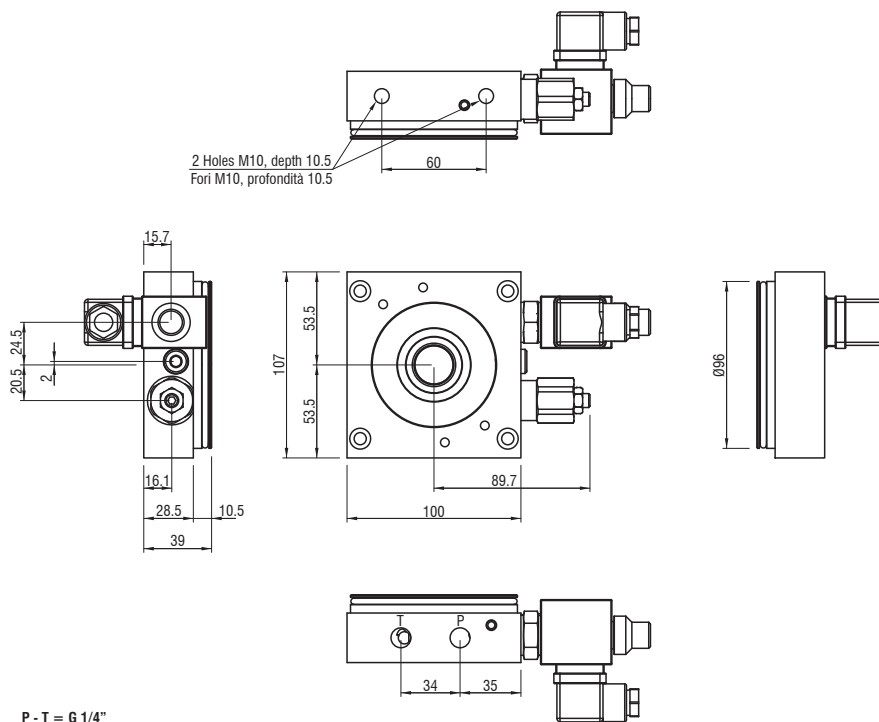
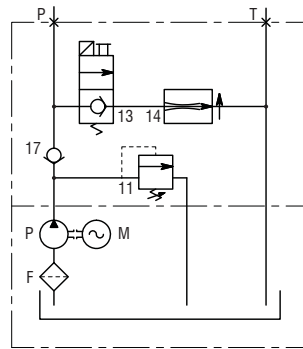
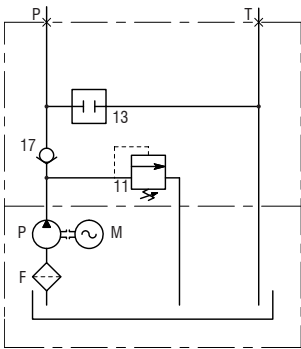
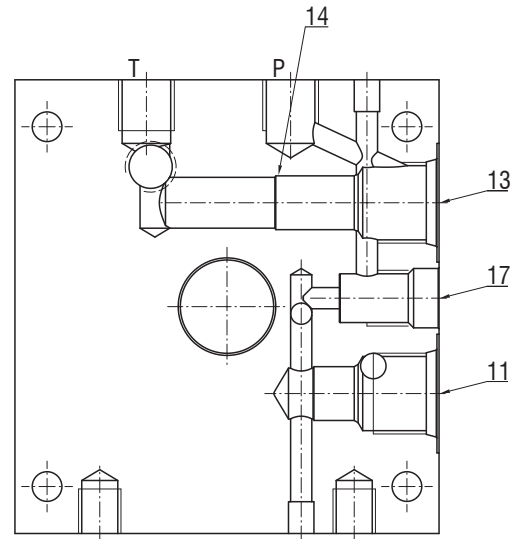
Position Posizione	1	2	3	4	5	6	7	8
PU05	M1A / Y	NC / OB / D	P005	SPM03D	C205 / D / 0	FC12	1H / G01	B03 / 2 / 00
Page Pagina	2 / 2	5 / 6 / 8	9	10	17 / 18 / 18	19	20 / 20	23 / 27 / 27

CODE	M1A	
Relief valve Valvola di massima	Pressure range (bar) Campo di taratura	
VMC1	W	10 - 60
	X	30 - 150
	Y	50 - 250
	Z	80 - 360

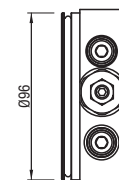
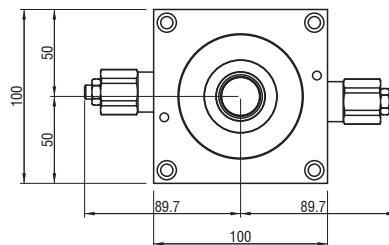
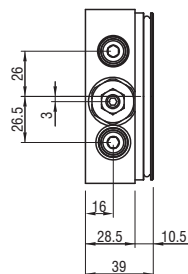
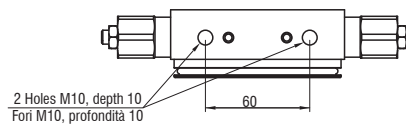
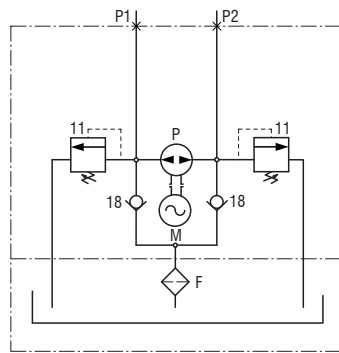
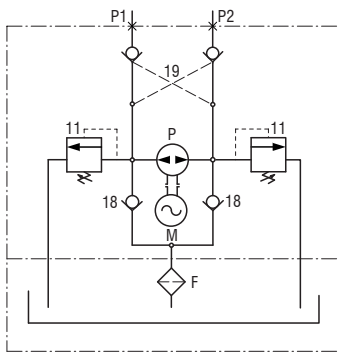
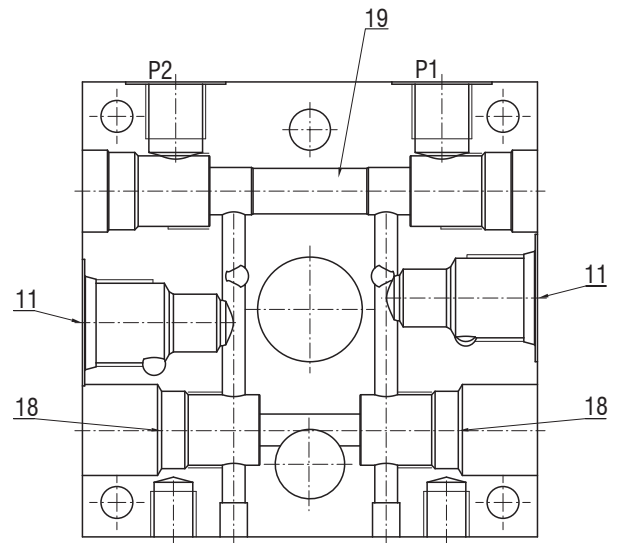


CODE	M2A	
Relief valve Valvola di massima	Pressure range (bar) Campo di taratura	
VMC1	W	10 - 60
	X	30 - 150
	Y	50 - 250
	Z	80 - 360

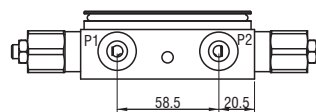
NOTE : it does not allow to fit modular elements
NOTA : non è possibile montare i blocchi modulari



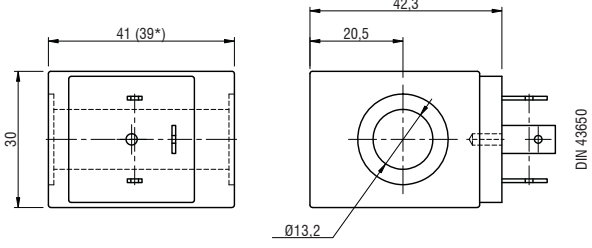
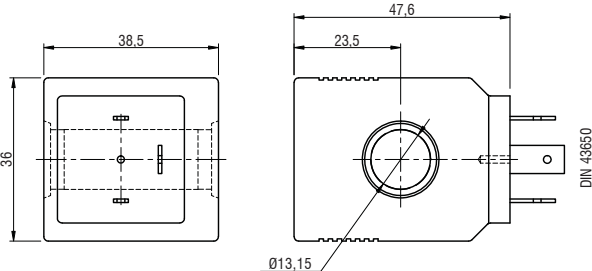
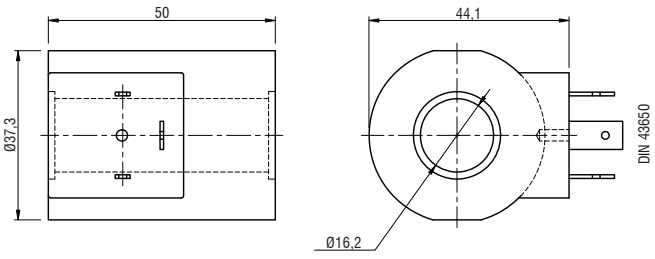
CODE	M1R	
Relief valve Valvola di massima	Pressure range (bar) Campo di taratura	
VMC1	W	10 - 60
	X	30 - 150
	Y	50 - 250
	Z	80 - 360



P1 - P2 = G 3/8"



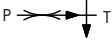
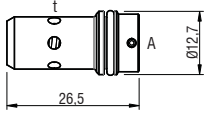

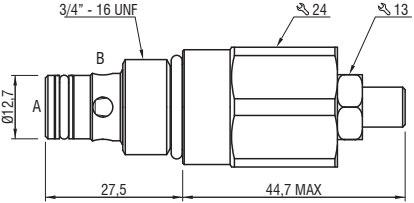

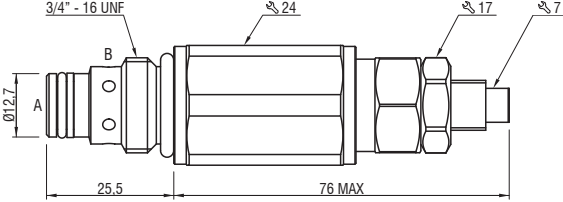

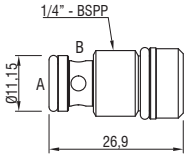

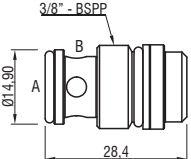
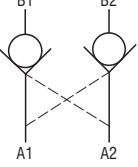
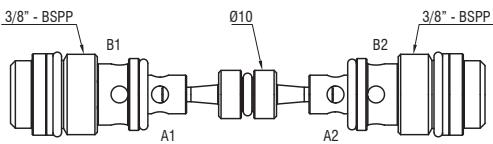
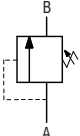
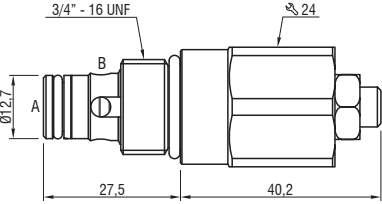
CODE	Description Descrizione	Symbol Schema	Drawing Disegno	Cavity Cavità	
NC	Pilot operated electric valve Valvola elettrica pilotata VE6-NC			13	
	Max working pressure Max pressione di lavoro				350 bar
	Max flow rate Max portata				25 l/min
	Coil type Tipo di solenoide				N-H13
NCE	Pilot operated electric valve Valvola elettrica pilotata VE6-NC-EM			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			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			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
CPE	Pilot operated proportional electric valve Valvola elettrica pilotata proporzionale VE9-NC-EM			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
PCD	Pneumatic operated double locking valve Valvola pneumatica doppia tenuta VP1-NC-DT			13	
	Max working pressure Max pressione di lavoro				300 bar
	Max flow rate Max portata				15 l/min

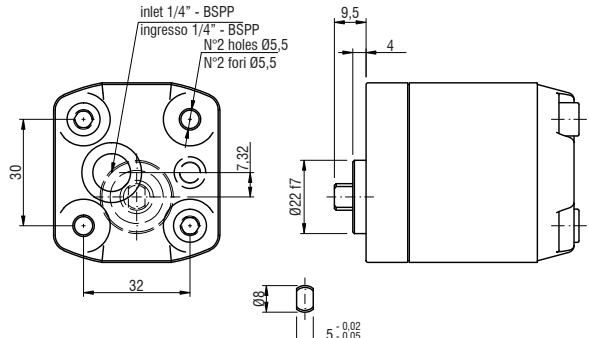
Solenoids voltage (N-H13) Tensione dei solenoidi (N-H13)		Characteristics Caratteristiche	Drawing Disegno
CODE	Description Descrizione		
OA	12 Vdc	Nominal power 18w Potenza nominale Duty cycle 100% Ciclo di lavoro Insulation class F (T=155°C) Classe di isolamento Protection index IP65 Indice di protezione	
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		

Rev. 1.1

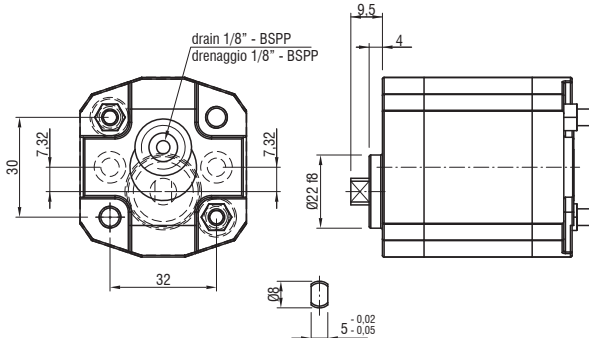
CODE	Description Descrizione	Symbol Schema	Drawing Disegno	Cavity Cavità
CM1_	2 ways manual operated cartridge valve Valvola comando manuale 2 vie a cartuccia			13
	CM1A without microswitch senza microswitch			
	CM1B with microswitch con microswitch			

CODE	Description Descrizione	Symbol Schema	Drawing Disegno	Cavity Cavità
TC1	Plug for cavity Tappo per cavità			11
				13
TC2	Plug for cavity Tappo per cavità			13
TS1	1/4" auxiliary return port Scarico ausiliario da 1/4"			13
TM1	1/4" auxiliary pressure port Mandata ausiliaria da 1/4"			13

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				
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		
VRF1R	Adjustable pressure compensated flow regulator Valvola regolatrice di flusso compensata regolabile			13			
	Max working pressure Max pressione di lavoro				350 bar		
	Max flow rate Max portata				20 l/min		
VR14	Check valve 1/4" BSPP Valvola unidirezionale 1/4" BSPP			17			
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 report 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						

						Pump group 05 (anticlockwise rotation) Pompa gruppo 05 (rotazione antioraria)
CODE	Displacement	Flow at 1500 rpm	P1 Continuous max pressure	P3** Peak max pressure	Max speed	
	Cilindrata [cm ³ /rev]	Portata a 1500 giri/1' [l/min]	Pressione max continua [bar]	Pressione max di picco [bar]	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	2000	

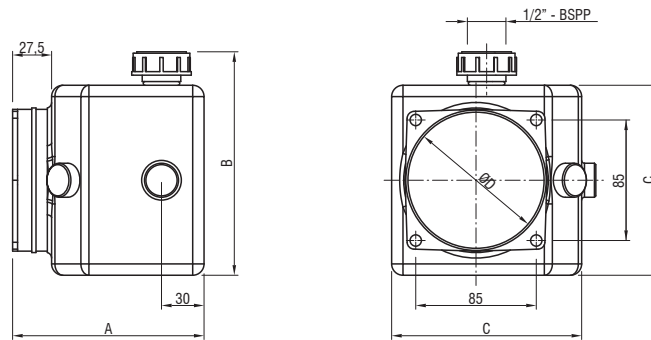
*: special versions - versioni speciali
 **: P3 max pressure attainable for 2 seconds - P3 pressione massima raggiungibile per 2 secondi

						Pump group 05 reversible Pompa gruppo 05 reversibili
CODE	Displacement	Flow at 1500 rpm	P1 Continuous max pressure	P3** Peak max pressure	Max speed	
	Cilindrata [cm ³ /rev]	Portata a 1500 giri/1' [l/min]	Pressione max continua [bar]	Pressione max di picco [bar]	Velocità max [rpm]	
P002R	0,25	0,36	170	200	3500	
P004R	0,50	0,72	170	200	3500	
P006R	0,75	1,08	170	200	3500	
P008R	1,00	1,45	170	200	3500	
P009R	1,25	1,80	170	200	3000	
P010R	1,50	2,18	170	200	2500	
P011R	1,75	2,52	160	190	2500	
P012R	2,00	2,88	160	190	2000	

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

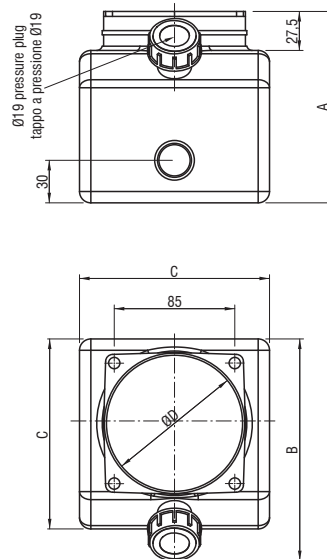
Plastic tanks: horizontal version
Serbatoi in plastica: versione orizzontale

CODE	Tank capacity Volume [l]	A	B	C	D	Tanks characteristics
SPM01D	1	135	158	134	96	Temperature range: -15°C ÷ 70°C Materials: HDPE & PP (polypropilene) Color: neutral trasparent
SPM02D	1,8	180	158	134	96	
SPM03D	2,5	240	158	134	96	
SPM04D	3,5	280	158	134	96	
SPM05D	4,0	330	158	134	96	



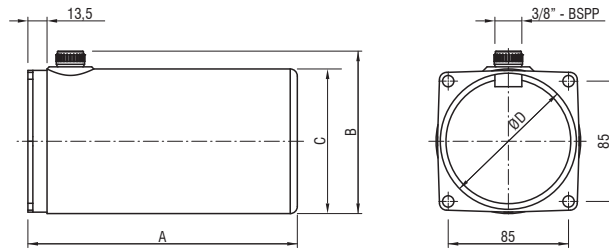
Plastic tanks: vertical version
Serbatoi in plastica: versione verticale

CODE	Tank capacity Volume [l]	A	B	C	D	Tanks characteristics
SPM01V	1	135	174	134	96	Temperature range: -15°C ÷ 70°C Materials: HDPE & PP (polypropilene) Color: neutral trasparent
SPM02V	1,8	180	174	134	96	
SPM03V	2,5	240	174	134	96	
SPM04V	3,5	280	174	134	96	
SPM05V	4,0	330	174	134	96	



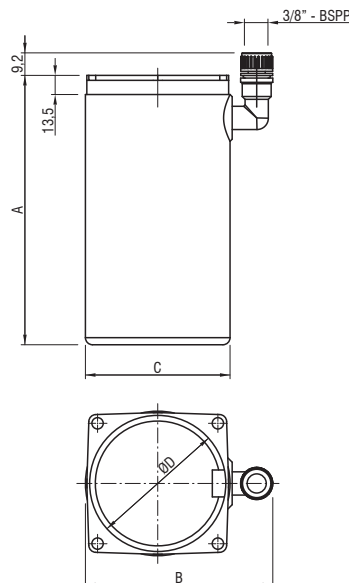
Plastic tanks: horizontal version
Serbatoi in plastica: versione orizzontale

CODE	Tank capacity Volume [l]	A	B	C	D	Tanks characteristics
SPM06H	0.5	137.5	115	103.5	96	Temperature range: -15°C ÷ 70°C Materials: HDPE & PP (polypropilene) Color: neutral trasparent
SPM07H	0.8	160	115	103.5	96	
SPM08H	1	190	115	103.5	96	
SPM09H	1.3	218	115	103.5	96	
SPM10H	1.5	248	115	103.5	96	
SPM11H	2	336	115	103.5	96	



Plastic tanks: vertical version
Serbatoi in plastica: versione verticale

CODE	Tank capacity Volume [l]	A	B	C	D	Tanks characteristics
SPM06V	0.5	137.5	132	103.5	96	Temperature range: -15°C ÷ 70°C Materials: HDPE & PP (polypropilene) Color: neutral trasparent
SPM07V	0.8	160	132	103.5	96	
SPM08V	1	190	132	103.5	96	
SPM09V	1.3	218	132	103.5	96	
SPM10V	1.5	248	132	103.5	96	
SPM11V	2	336	132	103.5	96	



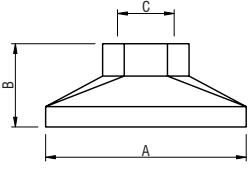
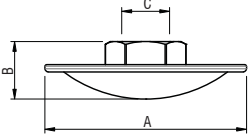
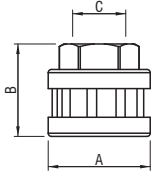
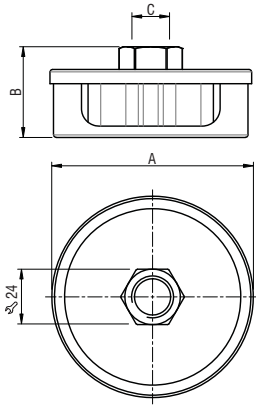
		Adapter for steel tanks Adattatore per serbatoi in lamiera
CODE	Drawing Disegno	
FS0	<p>Note \ Nota: See steel tanks in the PU10 catalog Vedi serbatoi in lamiera nel catalogo PU10</p>	

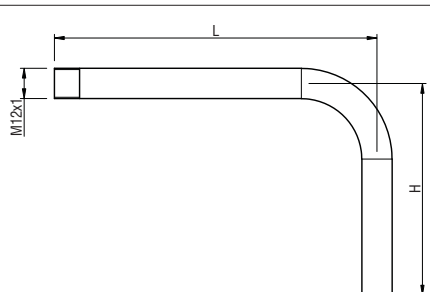
		Correct mounting position for plastic tanks Corretta posizione di montaggio per serbatoi in plastica

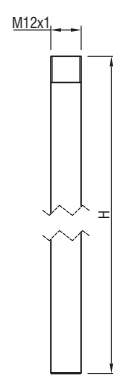
		Tanks mounting kit Kit fissaggio serbatoi
CODE	Tank type Tipo serbatoio	Drawing Disegno
KS3	SPM01 - SPM02 - SPM03 - SPM04 SPM05 - SPM06 - SPM07 - SPM08 SPM09 - SPM10 - SPM11	

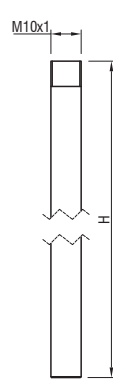
		Plastic suction pipes for horizontal tanks Tubi di aspirazione in plastica per serbatoi orizzontali
CODE	Y [mm]	4C series
4C35	35	
4C40	40	
4C50	50	
4C58	58	
4C68	68	
4C77	77	
4C89	89	

		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		

						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•	
FM03	Ø32	27	1/4"	5	90•	
FM04	Ø32	29	3/8"	10	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	
SD250	250	
SD300	300	
SD400	400	

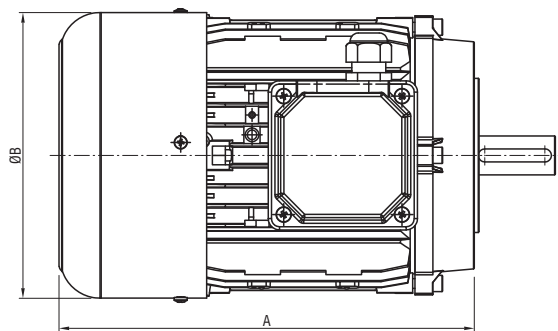
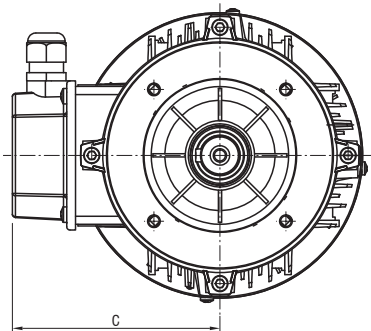
		Steel return pipes for vertical tanks (for reversible manifold M1R) Tubi di scarico in acciaio per serbatoi verticali (per collettore reversibile M1R)
CODE	H [mm]	Drawing Disegno
SK100	100	

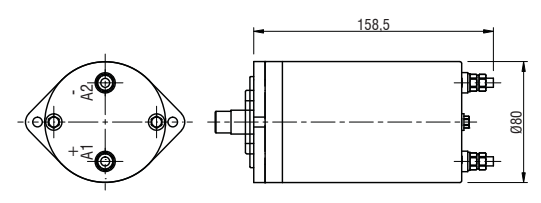
AC single-phase motor 220V - 50Hz - Frame B14 - IP54 - Duty cycle S1
 Motore CA monofase 220V - 50Hz - Tipologia costruttiva B14 - IP54 - Servizio S1

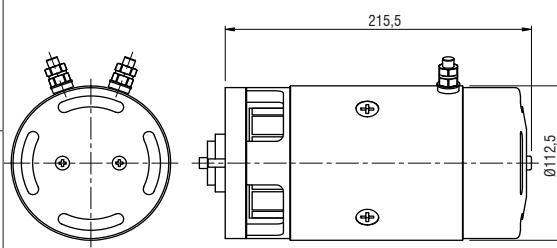
CODE	Power Potenza [kW]	Nom. Current Corrente nominale [A]	C_{start}	MEC	A	ØB	C	C_{start}	Nom. Current Corrente nominale [A]	Power Potenza [kW]	CODE
			$C_{nom.}$					$C_{nom.}$			
2 poles motors (2900 rpm at 50 Hz)				4 poles motors (1450 rpm at 50 Hz)							
M201	0.12	1.23	1.3	56	169	110	95	0.7	0.95	0.09	M400
M202	0.18	1.47	1.2	63	189	124	104	1.3	1.32	0.12	M401
M203	0.25	1,85	1,0	63	189	124	104	0.8	2,00	0.18	M402
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

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

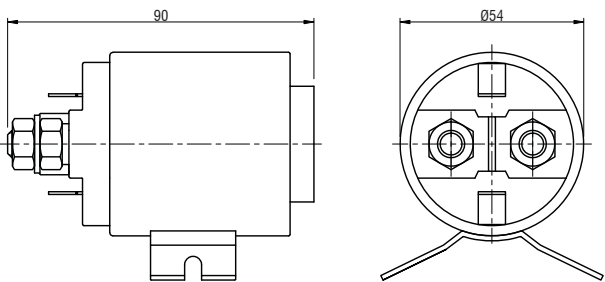
CODE	Power Potenza [kW]	Nom. Current Corrente nominale [A]	C_{start}	MEC	A	ØB	C	C_{start}	Nom. Current Corrente nominale [A]	Power Potenza [kW]	CODE
			$C_{nom.}$					$C_{nom.}$			
2 poles motors (2900 rpm at 50 Hz)				4 poles motors (1450 rpm at 50 Hz)							
T200	0.09	0.40	2.7	56	169	110	95				
T201	0.12	0.42	2.9	56	169	110	95	2.7	0.35	0.09	T400
T202	0.18	0.58	2.8	63	189	124	104	2.0	0.52	0.12	T401
T203	0.25	0,78	3,0	63	189	124	104	1,9	0,65	0.18	T402
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

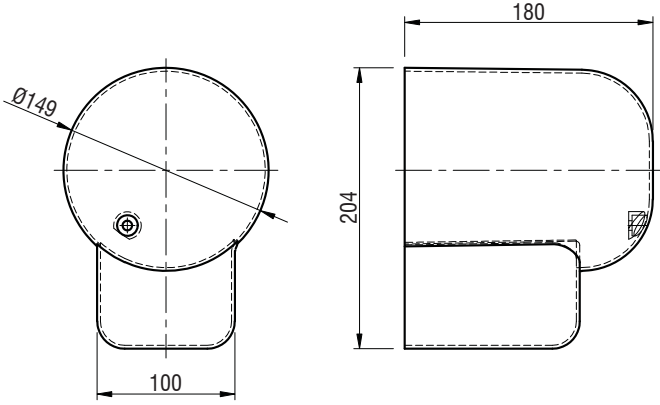


									Direct current motors Motori corrente continua
CODE	Voltage Tensione [V]	Power Potenza [Watt]	N° giri revolution [RPM]	S2 [min]	S3 [%]	Reversible Reversibile	Protection index Indice di protezione	Thermal switch Termica	Drawing Disegno
C102	12	500	2500	5	17	YES	IP44	NO	
C103	12	800	3500	4	9	YES	IP44	NO	
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	

									Fan cooled direct current motor Motore corrente continua con ventilazione
CODE	Voltage Tensione [V]	Power Potenza [Watt]	N° giri revolution [RPM]	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	

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					Starting relay Teleruttore di avviamento
CODE	Voltage Tensione [V]	Nominal current Corrente nominale [A]	Short-time maxi- mum 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	

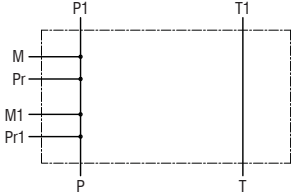
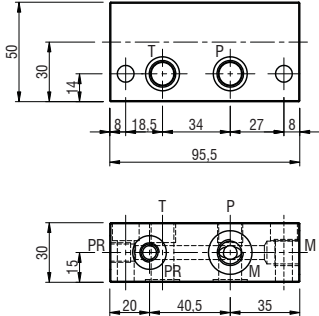
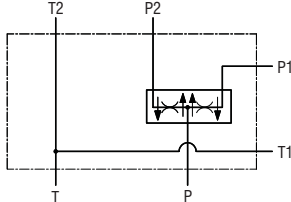
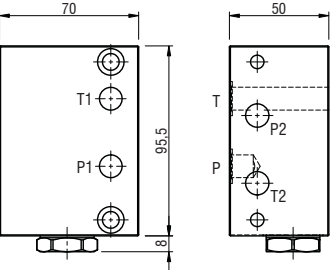
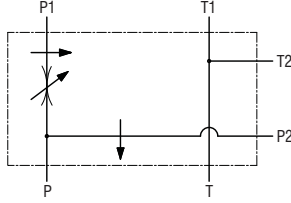
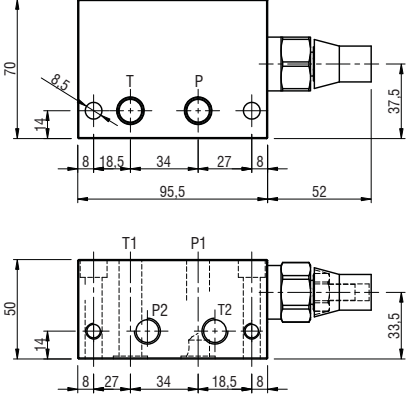
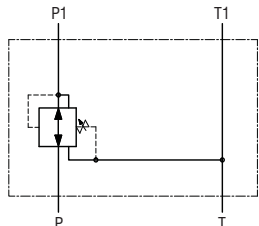
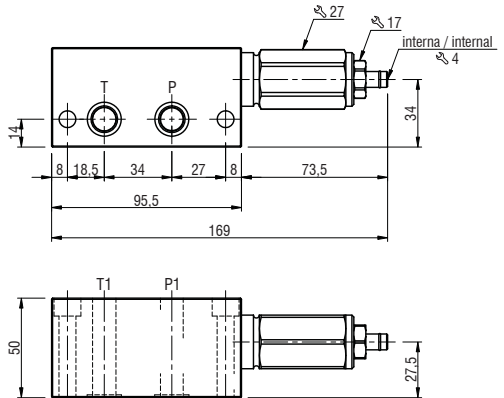
						Junction elements for AC motor Elementi di connessione per motori AC
CODE	Motor codes Sigle motori	Size IEC	A (mm)	C (mm)	H (mm)	Drawing Disegno
FAM56	297 - 298 498	56	50	9	12.5	
FAM63	299 - 200 499 - 400	63	60	11	12.5	
FAM71	201 - 202 401 - 402	71	70	14	12.5	

		Junction elements for direct flanged AC motor Elementi di connessione per motori AC a flangiatura diretta
CODE	Motor codes Sigle motori	Drawing Disegno
FC11	C102 - C103 - C108 - C113 C202 - C203 - C208 - C213	
FC12	C104 - C105 - C111 - C130 C204 - C205 - C211 - C230 C401 - C402	

		Power pack mounting positions Posizioni di montaggio della centralina			
CODE	Position Posizione	Drawing Disegno			
1H	1				
2H	2				
3H	3				
4H	4				
1V	5				
2V	6				

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

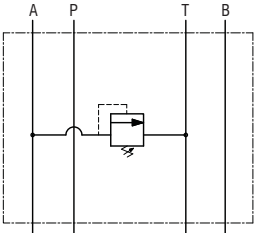
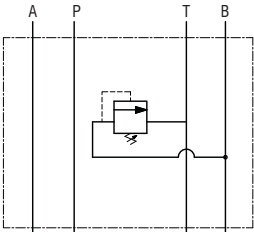
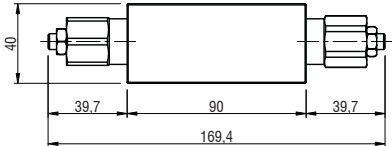
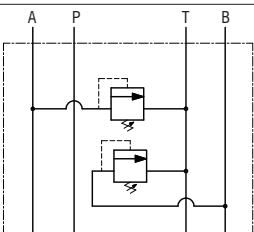
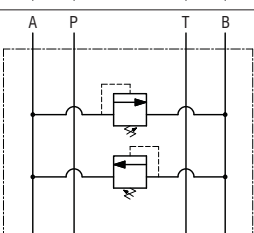
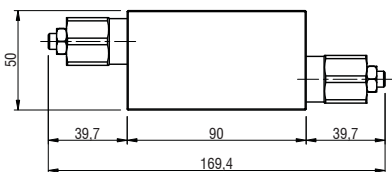
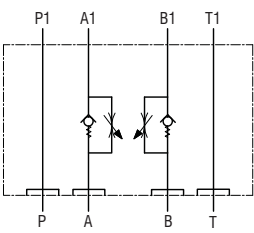
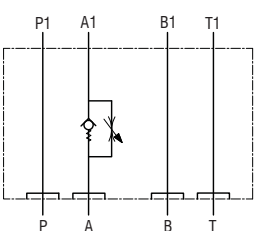
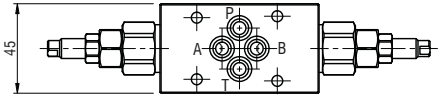
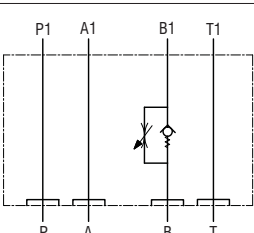
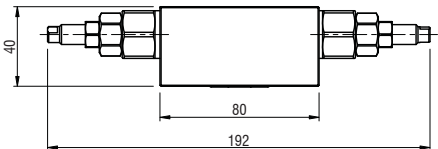
CODE	Description Descrizione	Symbol Schema	Drawing Disegno
B09	Spacer element H=18 Distanziale H=18		
B01	Spacer element H=39 Distanziale H=39		
B02	Spacer element H=69 Distanziale H=69		
B92	Spacer element H=25 Distanziale H=25		
B15	Adaptor for motor side rotation of the modular block H=90 Adattatore 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		

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		

CODE	Description Descrizione	Symbol Schema	Drawing Disegno
B259 A	Modular block with automatic unloading valve		
B259 B	Blocco modulare con valvola di messa a scarico automatica		
B03	Modular block for parallel or serial assembling of a CETOP3 - NG6 electrovalve		
B11	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		

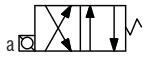

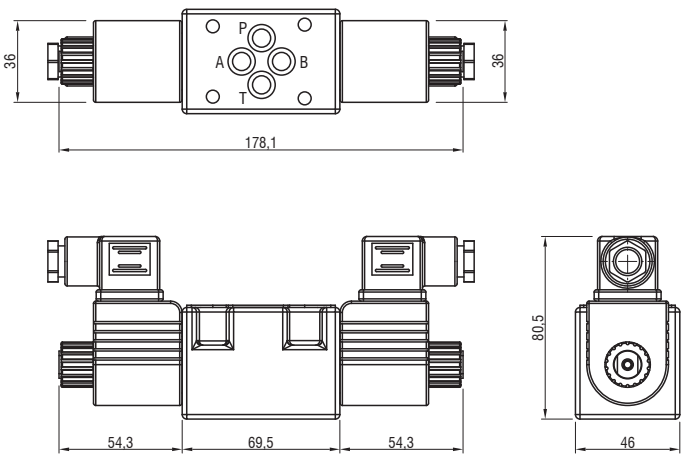
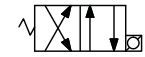



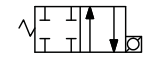
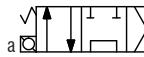


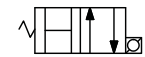

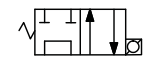
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CODE	Description Descrizione	Symbol Schema	Drawing Disegno
B118			
B122	Modular block for parallel assembling of a CETOP3 - NG6 electrovalve with piloted operated check valves on A and B Blocco modulare per montaggio in parallelo di una elettrovalvola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

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

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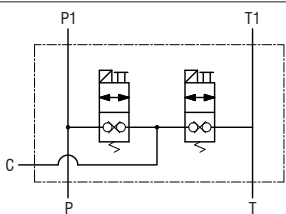
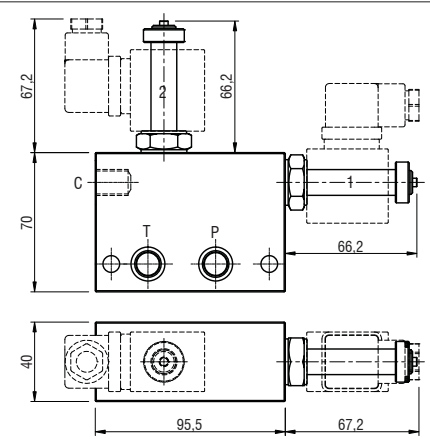
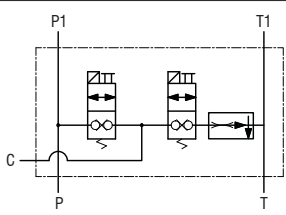
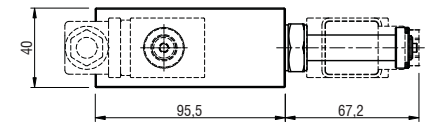
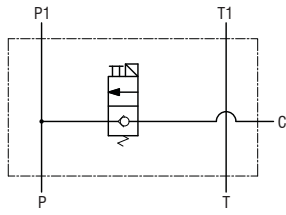
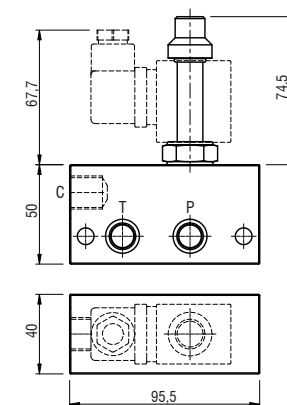
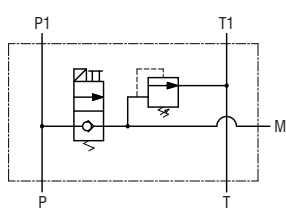
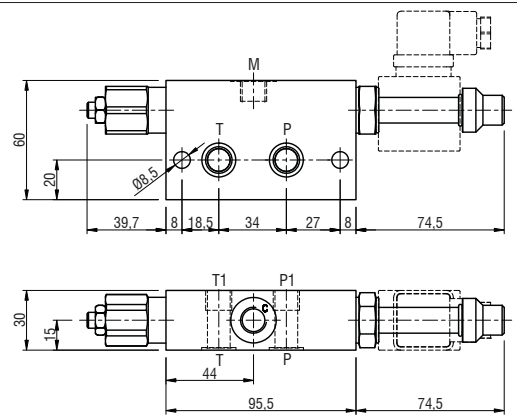
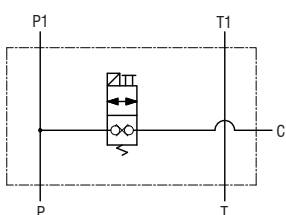
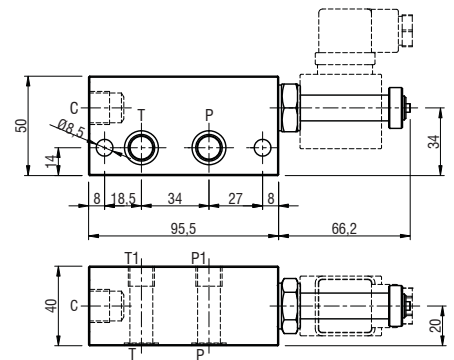
CODE	Description Descrizione	Symbol Schema	Drawing Disegno
B44	Sandwich block for CETOP3 - NG6 electrovalve with counterbalance valve on A Blocco di interposizione per elettrovalvola CETOP3 - NG6 con valvola di bilanciamento su A		
B38	Modular block with filter on the return line Blocco modulare con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

CODE	Description Descrizione	CODE	Description Descrizione	Drawing Disegno
E02		E06		
E11		E07		
E05		E08		
E13		E10		
E03		E20		
E04				
E14				
E15				

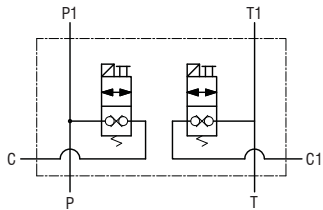
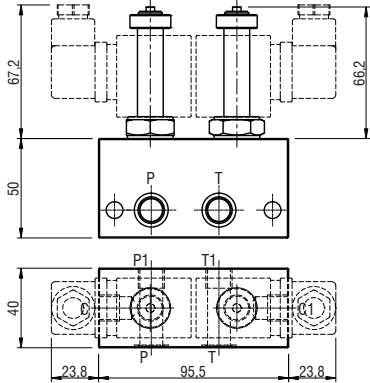
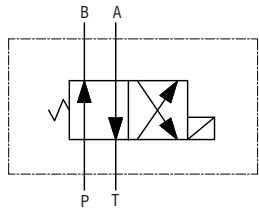
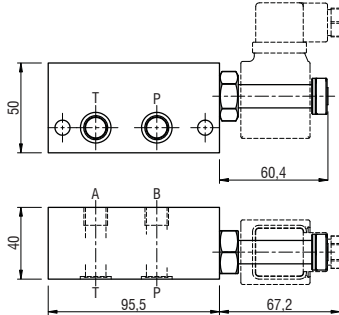
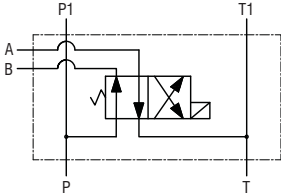
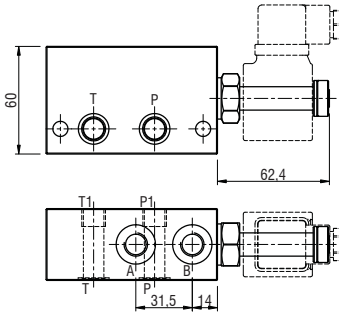
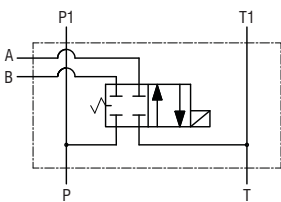
Ports Attacchi		Solenoids voltage Tensione dei solenoidi		
CODE	Description Descrizione	CODE	Description Descrizione	Characteristics Caratteristiche
1	1/4" BSPP	00	No solenoid Nessun solenoide	Nominal power 27W Potenza nominale Duty cycle 100% Ciclo di lavoro Insulation class F (T=155°C) Classe di isolamento Protection index IP65 Indice di protezione
2	3/8" BSPP	0A	12 Vdc	
		0B	24 Vdc	
		0C	48 Vdc	
		0V	24 Vrac	
		0W	110 Vrac	
		0Z	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

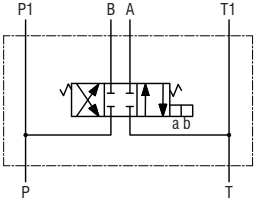
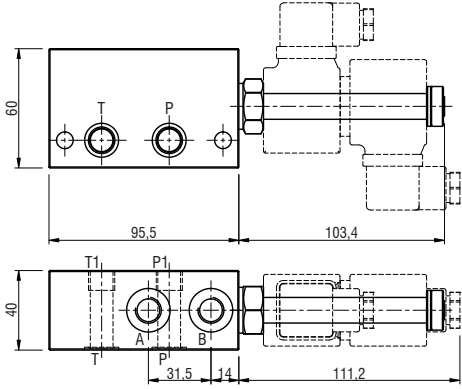
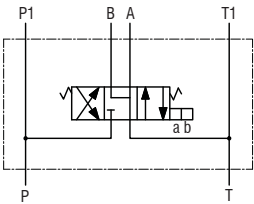
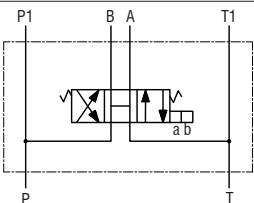
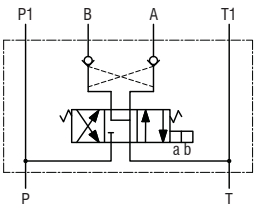
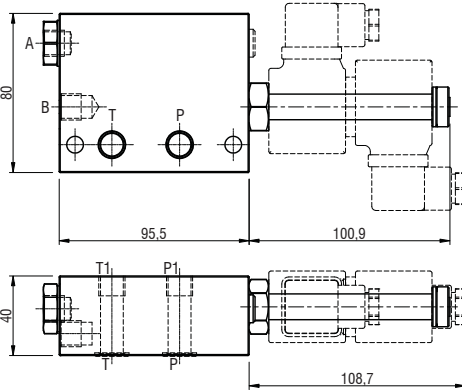
CODE	Description Descrizione	Symbol Schema	Drawing Disegno
V07	Modular block for single acting circuit or regenerative double acting circuit		
V09	Blocco modulare per circuito semplice effetto o per circuito rigenerativo doppio effetto		
V14	Modular block with single locking electric cartridge valve 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		

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		
V41	Blocco modulare per circuito doppio effetto con valvola elettrica a cartuccia V42S13		

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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			
V62	Modular block for double acting circuit with V43S13 cartridge electric valve Blocco modulare per circuito doppio effetto con valvola elettrica a cartuccia V43S13		
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	0A	12 Vdc	
		0B	24 Vdc	
		0C	48 Vdc	
		0L	24 Vac - 50 Hz	
		0M	110 Vac - 50 Hz	
		0N	220 Vac - 50 Hz	
		0P	24 Vac - 50/60 Hz	
		0R	24 Vac - 60 Hz	
		0T	110 Vac - 60 Hz	
		0U	220 Vac - 60 Hz	
		0V	24 Vrac	
		0W	110 Vrac	
		0Z	220 Vrac	



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