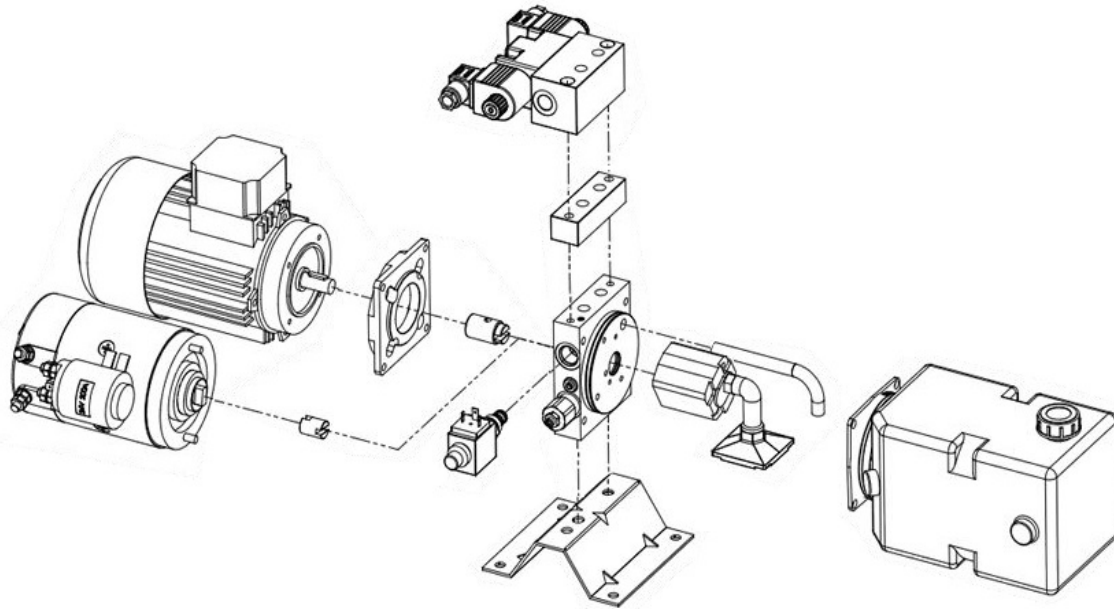


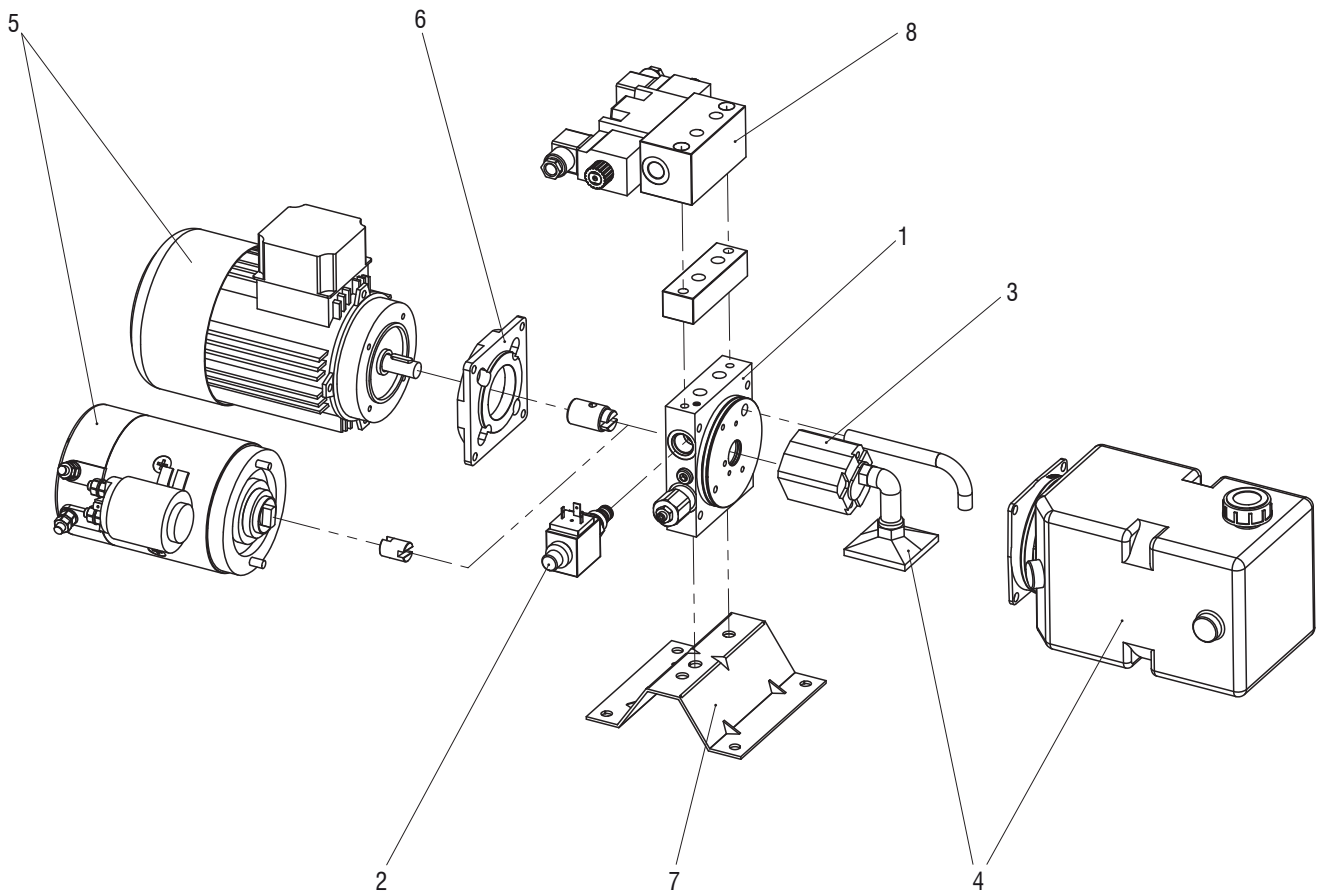
Compactunits

serie FC05



FINPARTS®

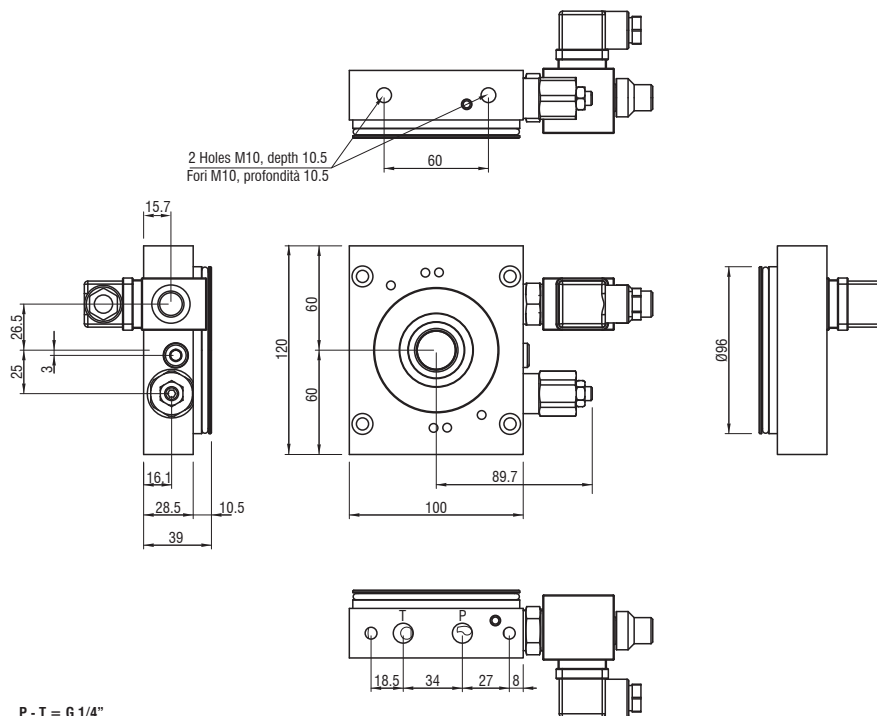
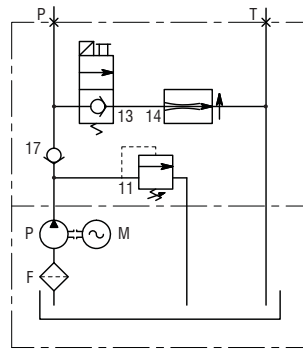
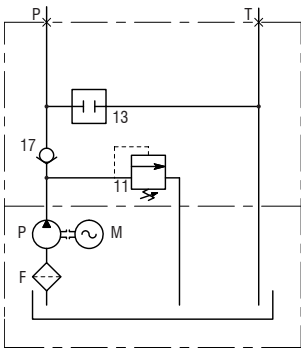
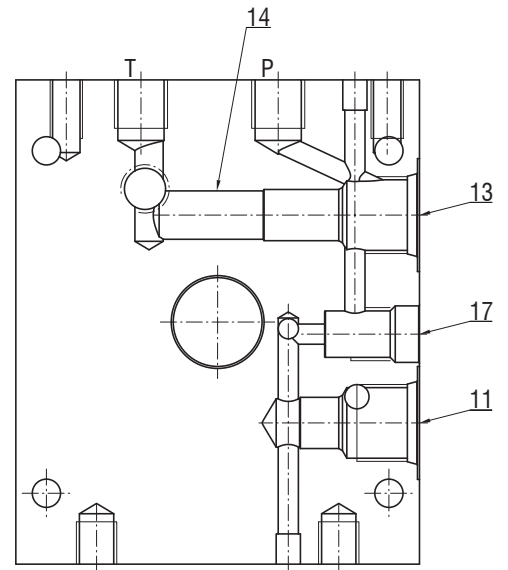
Position Posizione								
FC05	___/___	___/___/___	---	---	___**/___	---	___/---	___/___/___
Description	Central manifold, relief valve	Screw-in valves	Pump	Oil Tank, pipes, filter	Electric motor, starting relay, protection	Junction elements	Assembly position, support	Modular elements, ports, solenoids
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:

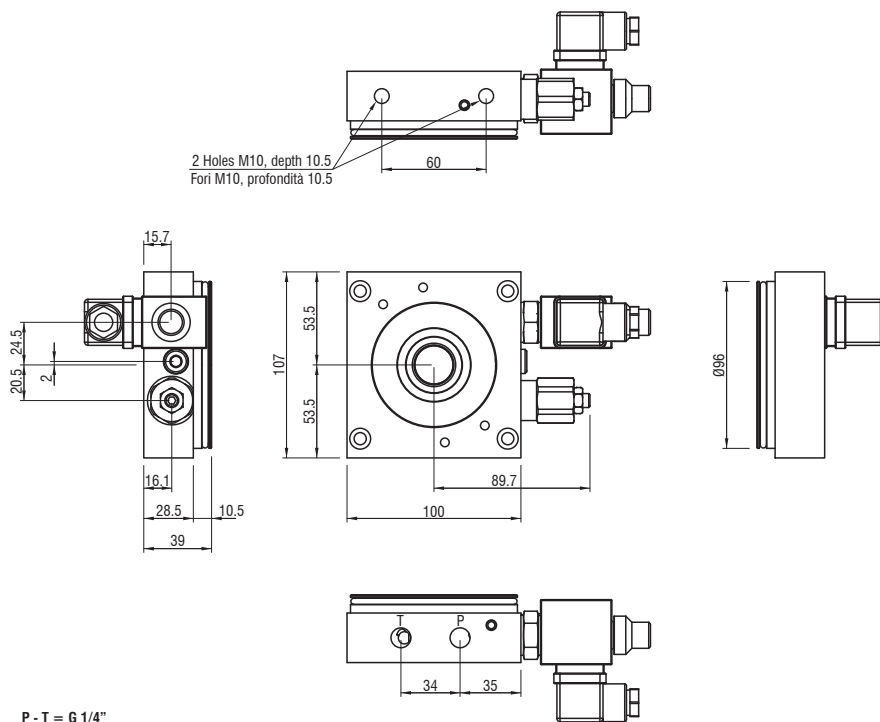
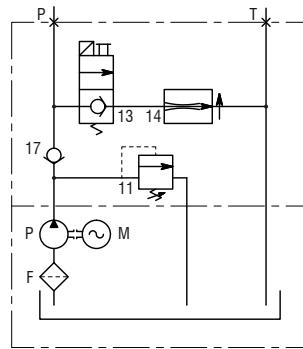
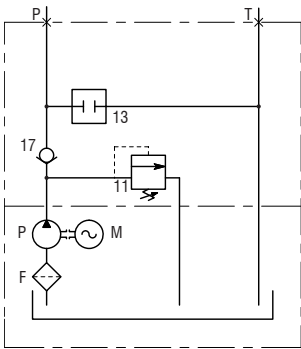
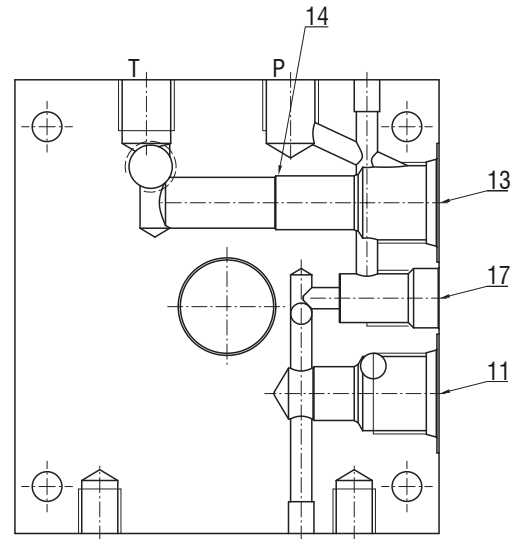
Position Posizione	1	2	3	4	5	6	7	8
FC05	R1A / C	NC / SB / D	P005	TPM03D	G205 / SR3 / 0	KC12	1H / G07	M03 / 2 / 00
Page Pagina	2 / 2	5 / 6 / 8	9	10	17 / 18 / 18	19	20 / 20	23 / 27 / 27

CODE	R1A	
Relief valve Valvola di massima	Pressure range (bar) Campo di taratura	
MPC1	A	10 - 60
	B	30 - 150
	C	50 - 250
	D	80 - 360

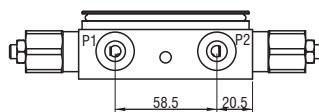
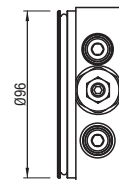
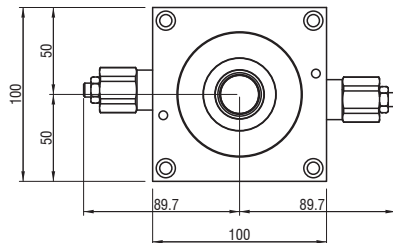
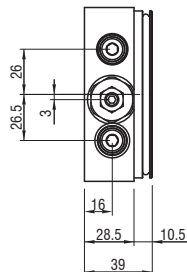
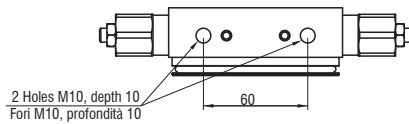
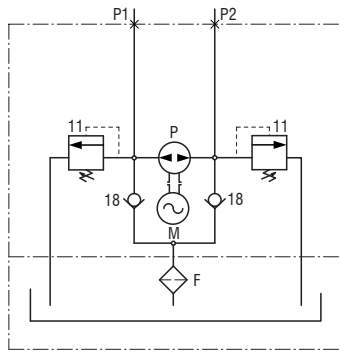
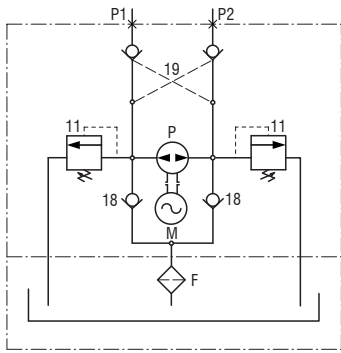
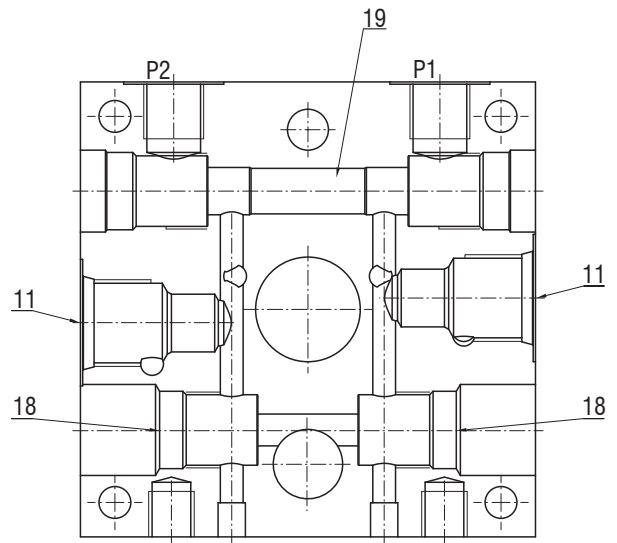


CODE	R2A	
Relief valve Valvola di massima	Pressure range (bar) Campo di taratura	
MPC1	A	10 - 60
	B	30 - 150
	C	50 - 250
	D	80 - 360

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



CODE	R1R	
Relief valve Valvola di massima	Pressure range (bar) Campo di taratura	
MPC1	A	10 - 60
	B	30 - 150
	C	50 - 250
	D	80 - 360



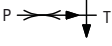
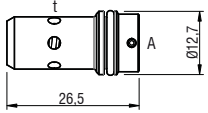

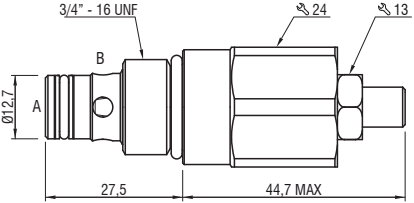

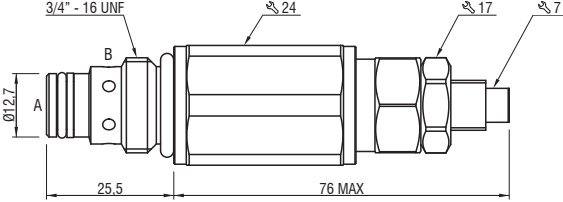

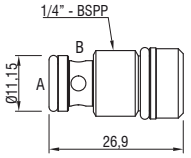

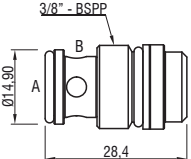
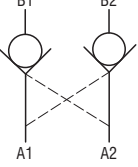
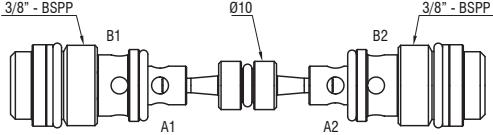
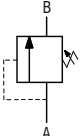
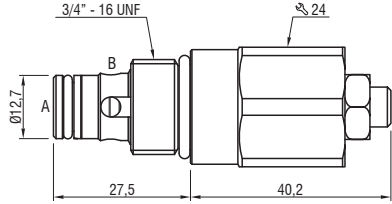
P1 - P2 = G 3/8"

CODE	Description Descrizione	Symbol Schema	Drawing Disegno	Cavity Cavità	
NC	Pilot operated electric valve Valvola elettrica pilotata UD5-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 UD5-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
NOE	Pilot operated electric valve Valvola elettrica pilotata UD1-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
CPE	Direct operating electric valve Valvola elettrica diretta UD1-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
CPF	Pilot operated proportional electric valve Valvola elettrica pilotata proporzionale UD8-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
LCD	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 (M-G13) Tensione dei solenoidi (M-G13)		Characteristics Caratteristiche	Drawing Disegno
CODE	Description Descrizione		
SA	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	
SB	24 Vdc		
SC	48 Vdc		
SD	10 Vdc		
SL	24 Vac - 50 Hz *		
SM	110 Vac - 50 Hz *		
SN	220 Vac - 50 Hz *		
SP	24 Vac - 50/60 Hz *		
SR	24 Vac - 60 Hz *		
ST	110 Vac - 60 Hz *		
SU	220 Vac - 60 Hz *		
SV	24 Vrac		
SW	110 Vrac		
SZ	220 Vrac		
Solenoids voltage (M-G13R) Tensione dei solenoidi (M-G13R)			
SA	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	
SB	24 Vdc		
Solenoids voltage (M-G16) Tensione dei solenoidi (M-G16)			
SA	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	
SB	24 Vdc		

CODE	Description Descrizione	Symbol Schema	Drawing Disegno	Cavity Cavità
BL1_	2 ways manual operated cartridge valve Valvola comando manuale 2 vie a cartuccia			13
BL1A	without microswitch senza microswitch			
BL1B	with microswitch con microswitch			

CODE	Description Descrizione	Symbol Schema	Drawing Disegno	Cavity Cavità
UB1	Plug for cavity Tappo per cavità			11 13
UB2	Plug for cavity Tappo per cavità			13
UR1	1/4" auxiliary return port Scarico ausiliario da 1/4"			13
UL1	1/4" auxiliary pressure port Mandata ausiliaria da 1/4"			13

CODE	Description Descrizione				Symbol Schema	Drawing Disegno	Cavity Cavità
TQF12	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				
QFR1	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				
TQF1R	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				
TK5	Check valve 1/4" BSPP Valvola unidirezionale 1/4" BSPP						17
TK4	Check valve 3/8" BSPP Valvola unidirezionale 3/8" BSPP						18
DTK1	Pilot check valve 3/8" BSPP Valvola unidirezionale pilotata 3/8" BSPP						19
	Pilot report Rapporto di pilotaggio		1:4				
MPC1-	Direct acting relief valve with guided poppet Valvola di massima diretta con spillo guidato						11
	Maximum flow rate Portata massima		25 l/min				
	MPC1 - A		10 - 60 bar				
	MPC1 - B		30 - 150 bar				
	MPC1 - C		50 - 250 bar				
MPC1 - D		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	

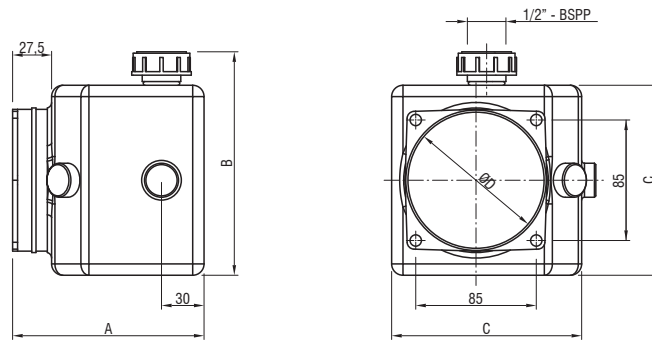
*: special versions - versioni speciali
 **: P3 max pressure attainable for 2 seconds - P3 pressione massima raggiungibile per 2 secondi

						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	

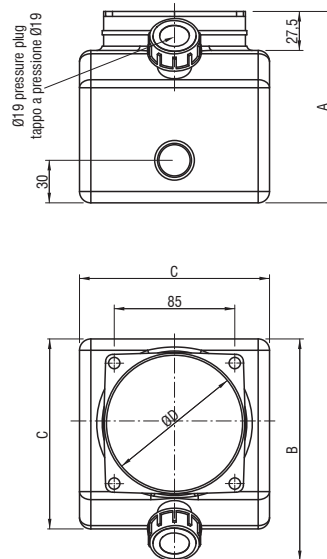
** : P3 max pressure attainable for 2 seconds - P3 pressione massima raggiungibile per 2 secondi

Plastic tanks: horizontal version
Serbatoi in plastica: versione orizzontale

CODE	Tank capacity Volume [l]	A	B	C	D	Tanks characteristics
TPM01D	1	135	158	134	96	Temperature range: -15°C ÷ 70°C Materials: HDPE & PP (polypropilene) Color: neutral trasparent
TPM02D	1,8	180	158	134	96	
TPM03D	2,5	240	158	134	96	
TPM04D	3,5	280	158	134	96	
TPM05D	4,0	330	158	134	96	

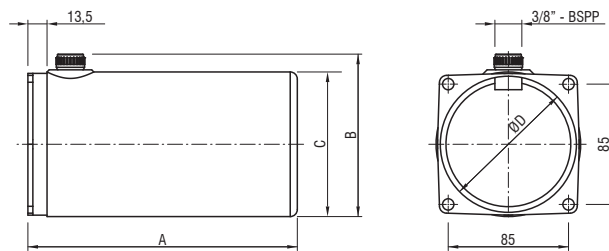
Plastic tanks: vertical version
Serbatoi in plastica: versione verticale

CODE	Tank capacity Volume [l]	A	B	C	D	Tanks characteristics
TPM01V	1	135	174	134	96	Temperature range: -15°C ÷ 70°C Materials: HDPE & PP (polypropilene) Color: neutral trasparent
TPM02V	1,8	180	174	134	96	
TPM03V	2,5	240	174	134	96	
TPM04V	3,5	280	174	134	96	
TPM05V	4,0	330	174	134	96	



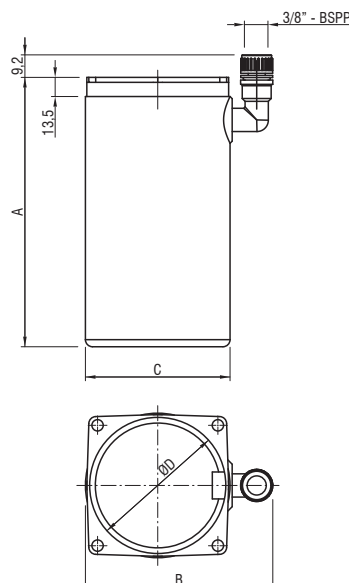
Plastic tanks: horizontal version
Serbatoi in plastica: versione orizzontale

CODE	Tank capacity Volume [l]	A	B	C	D	Tanks characteristics
TPM06H	0.5	137.5	115	103.5	96	Temperature range: -15°C ÷ 70°C Materials: HDPE & PP (polypropilene) Color: neutral trasparent
TPM07H	0.8	160	115	103.5	96	
TPM08H	1	190	115	103.5	96	
TPM09H	1.3	218	115	103.5	96	
TPM10H	1.5	248	115	103.5	96	
TPM11H	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
TPM06V	0.5	137.5	132	103.5	96	Temperature range: -15°C ÷ 70°C Materials: HDPE & PP (polypropilene) Color: neutral trasparent
TPM07V	0.8	160	132	103.5	96	
TPM08V	1	190	132	103.5	96	
TPM09V	1.3	218	132	103.5	96	
TPM10V	1.5	248	132	103.5	96	
TPM11V	2	336	132	103.5	96	



		Adapter for steel tanks Adattatore per serbatoi in lamiera
CODE	Drawing Disegno	
RS0	<p>Note \ Nota: See steel tanks in the FC10 catalog Vedi serbatoi in lamiera nel catalogo FC10</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
TMK3	TPM01 - TPM02 - TPM03 - TPM04 TPM05 - TPM06 - TPM07 - TPM08 TPM09 - TPM10 - TPM11	

		Plastic suction pipes for horizontal tanks Tubi di aspirazione in plastica per serbatoi orizzontali
CODE	Y [mm]	14A series
14A35	35	
14A40	40	
14A50	50	
14A58	58	
14A68	68	
14A77	77	
14A89	89	

		Plastic suction pipes for vertical tanks Tubi di aspirazione in plastica per serbatoi verticali			
CODE	X [mm]	14B series	CODE	X [mm]	38B series
14B30	30		38B50	50	
14B43	43		38B75	75	
14B72	72		38B100	100	
14B87	87		38B125	125	
14B96	96		38B150	150	
14B114	114		38B170	170	
14B132	132		38B185	185	
14B147	147		38B200	200	
14B172	172		38B215	215	
14B187	187		38B230	230	
14B222	222		38B245	245	
14B237	237		38B260	260	
			38B280	280	
			38B300	300	
		38B320	320		
		38B340	340		
		38B370	370		

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						Suction filters Filtri in aspirazione
CODE	A [mm]	B [mm]	C [mm]	Flow Portata [mm]	Filtering Filtraggio	Drawing Disegno
SF1	59	24,5	1/4"	15	90•	
SF2	59	24,5	3/8"	15	90•	
SF3	Ø63	18,5	1/4"	5	90•	
SF4	Ø63	20	3/8"	8	90•	
SF7	Ø32	27	1/4"	5	90•	
SF8	Ø32	29	3/8"	10	90•	
SF5	Ø80	26	1/4"	8	90•	
SF6	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
TB128	128	84	
TB114	114	39	
TB164	164	84	

			Steel return pipes for vertical tanks Tubi di scarico in acciaio per serbatoi verticali
CODE	H [mm]		Drawing Disegno
TR080	80		
TR150	150		
TR200	200		
TR250	250		
TR300	300		
TR400	400		

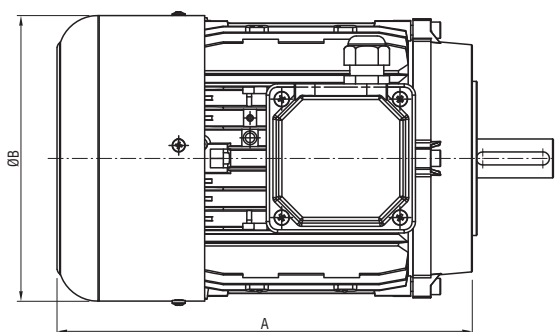
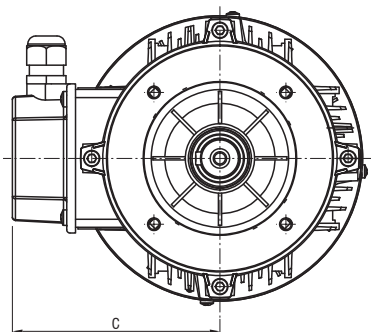
			Steel return pipes for vertical tanks (for reversible manifold R1R) Tubi di scarico in acciaio per serbatoi verticali (per collettore reversibile R1R)
CODE	H [mm]		Drawing Disegno
TRM100	100		

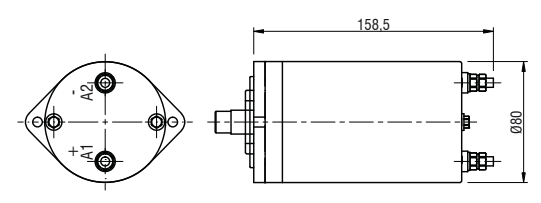
AC single-phase motor 220V - 50Hz - Frame B14 - IP54 - Duty cycle S1
Motore CA monofase 220V - 50Hz - Tipologia costruttiva B14 - IP54 - Servizio S1

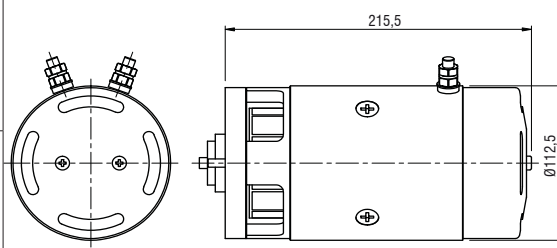
CODE	Power Potenza [kW]	Nom. Current Corrente nominale [A]	$\frac{C_{start}}{C_{nom.}}$	MEC	A	ØB	C	$\frac{C_{start}}{C_{nom.}}$	Nom. Current Corrente nominale [A]	Power Potenza [kW]	CODE
L201	0.12	1.23	1.3	56	169	110	95	0.7	0.95	0.09	L400
L202	0.18	1.47	1.2	63	189	124	104	1.3	1.32	0.12	L401
L203	0.25	1,85	1,0	63	189	124	104	0.8	2,00	0.18	L402
L204	0.37	2,56	0,8	71	218	140	109	0.7	2,26	0.25	L403
L205	0.55	3,75	0,7	71	218	140	109	0.8	3,00	0.37	L404

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

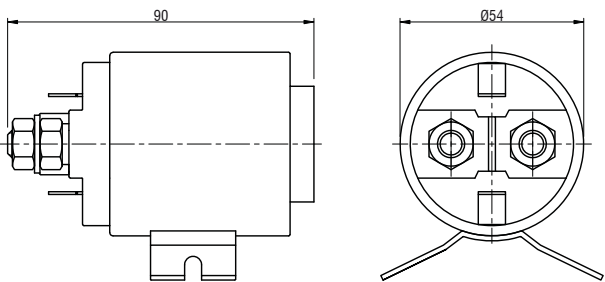
CODE	Power Potenza [kW]	Nom. Current Corrente nominale [A]	$\frac{C_{start}}{C_{nom.}}$	MEC	A	ØB	C	$\frac{C_{start}}{C_{nom.}}$	Nom. Current Corrente nominale [A]	Power Potenza [kW]	CODE
D200	0.09	0.40	2.7	56	169	110	95				
D201	0.12	0.42	2.9	56	169	110	95	2.7	0.35	0.09	D400
D202	0.18	0.58	2.8	63	189	124	104	2.0	0.52	0.12	D401
D203	0.25	0,78	3,0	63	189	124	104	1,9	0,65	0.18	D402
D204	0.37	1,00	2,2	71	218	140	109	2,0	0,96	0.25	D403
D205	0.55	1,40	2,6	71	218	140	109	2,0	1,20	0.37	D404

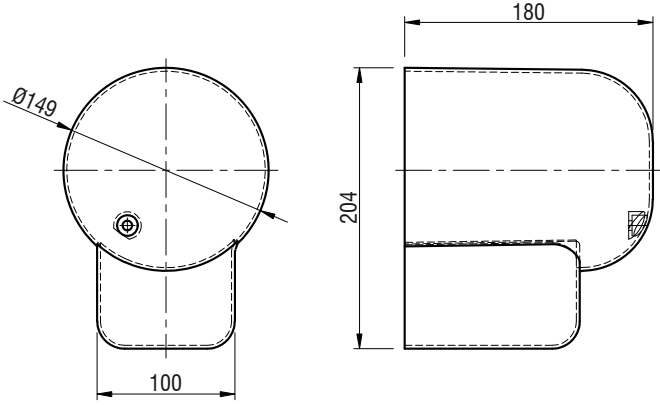


									Direct current motors Motori corrente continua
CODE	Voltage Tensione [V]	Power Potenza [Watt]	N° giri revolution [RPM]	S2 [min]	S3 [%]	Reversible Reversibile	Protection index Indice di protezione	Thermal switch Termica	Drawing Disegno
G102	12	500	2500	5	17	YES	IP44	NO	
G103	12	800	3500	4	9	YES	IP44	NO	
G114	12	500	2500	4	15	YES	IP44	YES	
G113	12	800	3500	4	9	YES	IP44	YES	
G202	24	500	2800	5	17	YES	IP44	NO	
G203	24	800	4000	2,5	8	YES	IP44	NO	
G214	24	500	2800	4	15	YES	IP44	YES	
G213	24	800	4000	2,5	8	YES	IP44	YES	
G104	12	1600	2600	2	10	NO	IP54	NO	
G105	12	1600	2600	2	10	NO	IP54	YES	
G204	24	2200	2600	2	5	NO	IP54	NO	
G205	24	2200	2600	2	5	NO	IP54	YES	
G115	12	1600	2600	2	8	NO	IP54	YES	
G215	24	2200	2600	2	5	NO	IP54	YES	
G402	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
G130	12	1500	2200	4	14	NO	IP20	NO	
G230	24	2000	2200	5	10	NO	IP20	NO	

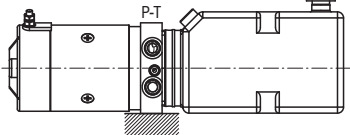
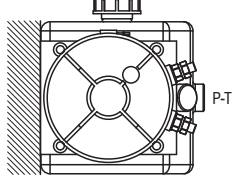
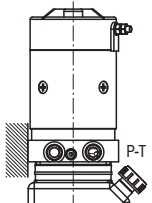
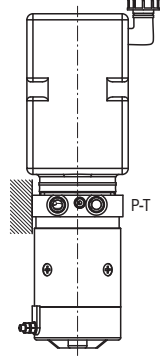
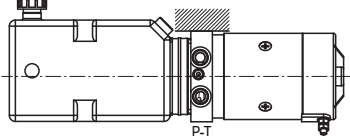
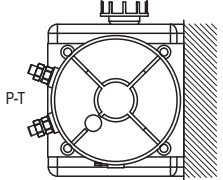
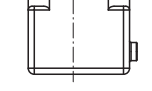
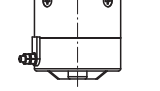
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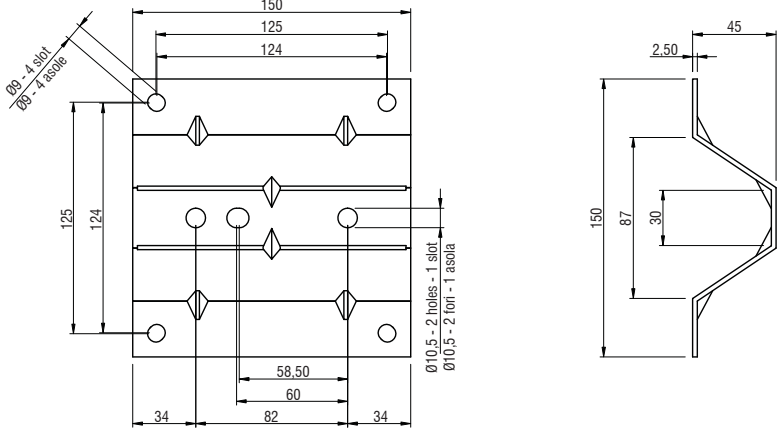
					Starting relay Teleruttore di avviamento
CODE	Voltage Tensione [V]	Nominal current Corrente nominale [A]	Short-time maximum current Corrente massima [A]	Min.Cutting Voltage Tensione min. distacco [V]	Drawing Disegno
SR1	Without starting relay Senza teleruttore di avviamento				
SR2	12	200	350	8,4	
SR3	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
KKM56	297 - 298 498	56	50	9	12.5	
KKM63	299 - 200 499 - 400	63	60	11	12.5	
KKM71	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
KKM11	G102 - G103 - G108 - G113 G202 - G203 - G208 - G213	
KKM12	G104 - G105 - G111 - G130 G204 - G205 - G211 - G230 G401 - G402	

		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	
G07			

CODE	Description Descrizione	Symbol Schema	Drawing Disegno
M09	Spacer element H=18 Distanziale H=18		
M01	Spacer element H=39 Distanziale H=39		
M02	Spacer element H=69 Distanziale H=69		
M92	Spacer element H=25 Distanziale H=25		
M15	Adaptor for motor side rotation of the modular block H=90 Adattatore per rotazione lato motore dei blocchi modulari H=90		
M51	Adaptor for motor side rotation of the modular block H=60 Adattatore per rotazione lato motore dei blocchi modulari H=60		
M26	Adaptor for tank side rotation of the modular block H=60 Adattatore per rotazione lato serbatoio dei blocchi modulari H=60		
M76	Adaptor for tank side rotation of the modular block H=90 Adattatore per rotazione lato serbatoio dei blocchi modulari H=90		
M33	Adaptor for 90° rotation of the modular block Adattatore per rotazione a 90° dei blocchi modulari		

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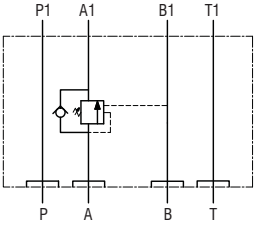
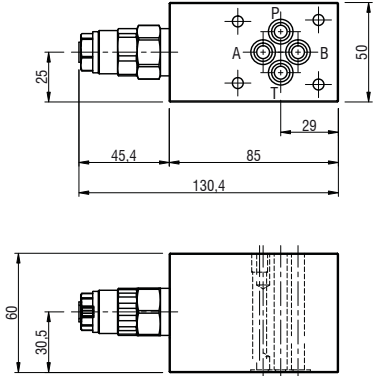
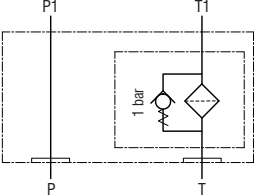
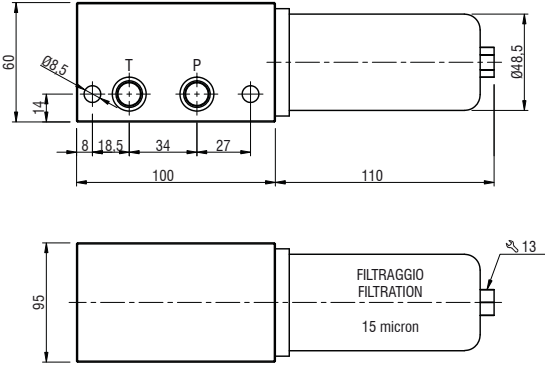
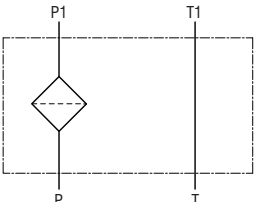
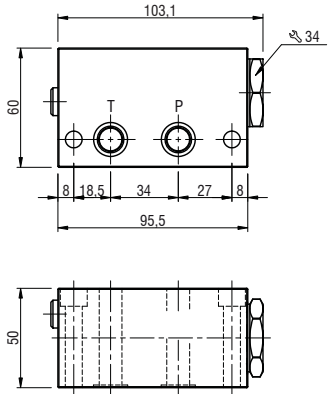
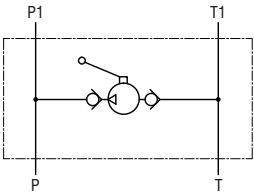
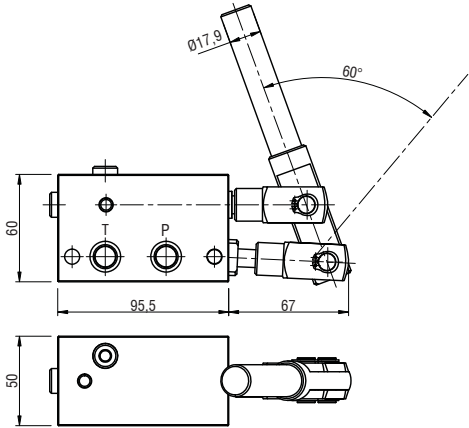
CODE	Description Descrizione	Symbol Schema	Drawing Disegno
M128	Modular block with 4 extra P ports Blocco modulare con 4 attacchi P supplementari		
M30	Modular block with 50% ÷ 50% flow divider valve Blocco modulare con valvola divisore di flusso 50% ÷ 50%		
M41	Modular block with pressure compensated 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
M259 A	Modular block with automatic unloading valve		
M259 B	Blocco modulare con valvola di messa a scarico automatica		
M03	Modular block for parallel or serial assembling of a CETOP3 - NG6 electrovalve		
M11	Blocco modulare per montaggio in parallelo o in serie di una elettrovalvola CETOP3 - NG6		
M85	Modular block for parallel assembling of a CETOP3 - NG6 electrovalve Blocco modulare per montaggio in parallelo di una elettrovalvola CETOP3 - NG6		
M142	Modular block for parallel assembling of a CETOP3 - NG6 electrovalve Blocco modulare per montaggio in parallelo di una elettrovalvola CETOP3 - NG6		

CODE	Description Descrizione	Symbol Schema	Drawing Disegno
M118			
M122	<p>Modular block for parallel assembling of a CETOP3 - NG6 electrovalve with piloted operated check valves on A and B</p> <p>Blocco modulare per montaggio in parallelo di una elettrovalvola CETOP3 - NG6 con valvole di ritegno pilotate su A e B</p>		
M123			
M90	<p>Modular block for parallel assembling of a CETOP3 - NG6 electrovalve with piloted operated check valves on A and B</p> <p>Blocco modulare per montaggio in parallelo di una elettrovalvola CETOP3 - NG6 con valvole di ritegno pilotate su A e B</p>		
M121	<p>Modular block for parallel assembling of a CETOP3 - NG6 electrovalve with piloted operated check valves an relief valves on A and B</p> <p>Blocco modulare per montaggio in parallelo di una elettrovalvola CETOP3 - NG6 con valvole di ritegno pilotate e valvole di massima su A e B</p>		

CODE	Description Descrizione	Symbol Schema	Drawing Disegno
M05			
M06	Sandwich block for CETOP3 - NG6 electrovalve with relief valve Blocco di interposizione per elettrovalvola CETOP3 - NG6 con valvola limitatrice di pressione		
M07			
M08	Sandwich block for CETOP3 - NG6 electrovalve with relief valve Blocco di interposizione per elettrovalvola CETOP3 - NG6 con valvola limitatrice di pressione		
M78			
M79	Sandwich block for CETOP3 - NG6 electrovalve with flow regulator valve Blocco di interposizione per elettrovalvola CETOP3 - NG6 con valvola regolatrice di portata		
M80			

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CODE	Description Descrizione	Symbol Schema	Drawing Disegno
M44	Sandwich block for CETOP3 - NG6 electrovalve with counterbalance valve on A Blocco di interposizione per elettrovalvola CETOP3 - NG6 con valvola di bilanciamento su A		
M38	Modular block with filter on the return line Blocco modulare con filtro sullo scarico		
M39_	Modular block with filter on the pressure line Blocco modulare con filtro sulla mandata		
	Filtering/ Filtraggio		
M39_10	10 micron		
M39_40	40 micron		
	Max pressure/Max press.	250 bar	
	Max flow rate/Portata max	10 l/min	
M20	Modular hand pump 6,5cc Pompa a mano modulare 6,5cc		

CODE	Description Descrizione	CODE	Description Descrizione	Drawing Disegno
V02		V06		
V11		V07		
V05		V08		
V13		V10		
V03		V20		
V04				
V14				
V15				

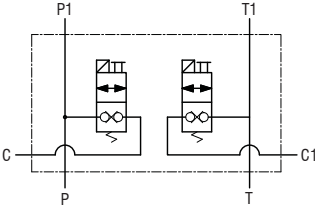
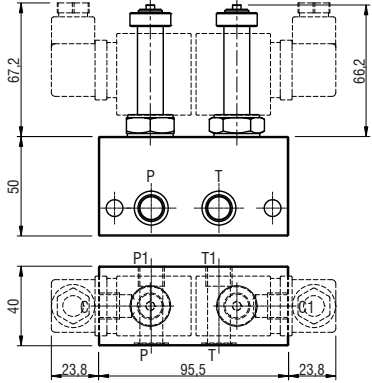
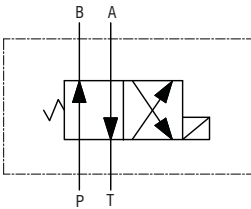
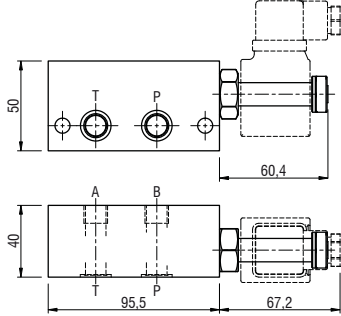
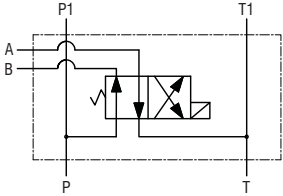
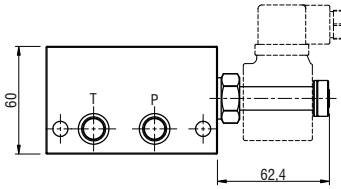
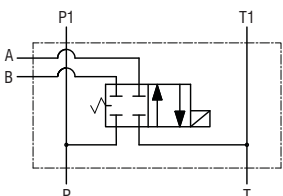
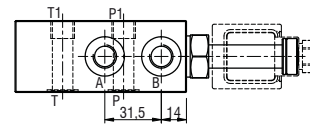
Ports Attacchi		Solenoids voltage Tensione dei solenoidi		
CODE	Description Descrizione	CODE	Description Descrizione	Characteristics Caratteristiche
1	1/4" BSPP	S0	No solenoid Nessun solenoide	Nominal power 27W Potenza nominale Duty cycle 100% Ciclo di lavoro Insulation class F (T=155°C) Classe di isolamento Protection index IP65 Indice di protezione
2	3/8" BSPP	SA	12 Vdc	
		SB	24 Vdc	
		SC	48 Vdc	
		SV	24 Vrac	
		SW	110 Vrac	
		SZ	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
K07	Modular block for single acting circuit or regenerative double acting circuit		
K09	Blocco modulare per circuito semplice effetto o per circuito rigenerativo doppio effetto		
K14	Modular block with single locking electric cartridge valve Blocco modulare con valvola elettrica a singola tenuta		
K136	Modular block to reduce the working pressure on the main circuit Blocco modulare per ridurre la pressione di lavoro sul circuito principale		
K100	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
K46	Modular block with 2 double locking electric cartridge valves Blocco modulare con 2 valvole elettriche a doppia tenuta		
K39	Modular block for double acting circuit with V42S13 cartridge electric valve Blocco modulare per circuito doppio effetto con valvola elettrica a cartuccia V42S13		
K40	Modular block for double acting circuit with V42S13 cartridge electric valve		
K41	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
K61			
K62	Modular block for double acting circuit with V43S13 cartridge electric valve Blocco modulare per circuito doppio effetto con valvola elettrica a cartuccia V43S13		
K63			
K55	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	S0	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	SA	12 Vdc	
		SB	24 Vdc	
		SC	48 Vdc	
		SL	24 Vac - 50 Hz	
		SM	110 Vac - 50 Hz	
		SN	220 Vac - 50 Hz	
		SP	24 Vac - 50/60 Hz	
		SR	24 Vac - 60 Hz	
		ST	110 Vac - 60 Hz	
		SU	220 Vac - 60 Hz	
		SV	24 Vrac	
		SW	110 Vrac	
		SZ	220 Vrac	