



Hydraulic Factory France

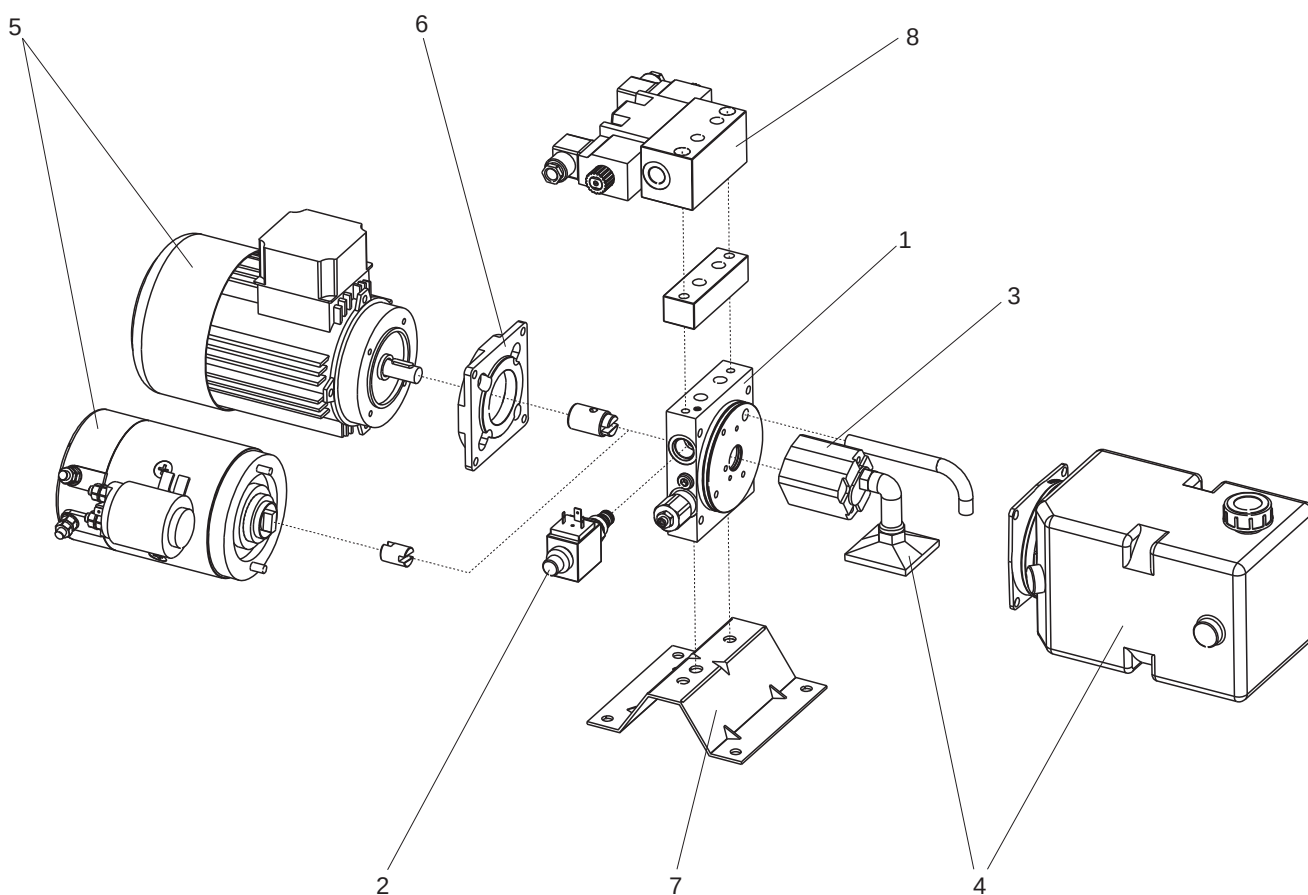


Centrales et mini-centrales hydrauliques

MC05

<http://www.hydraulic-factory.fr>

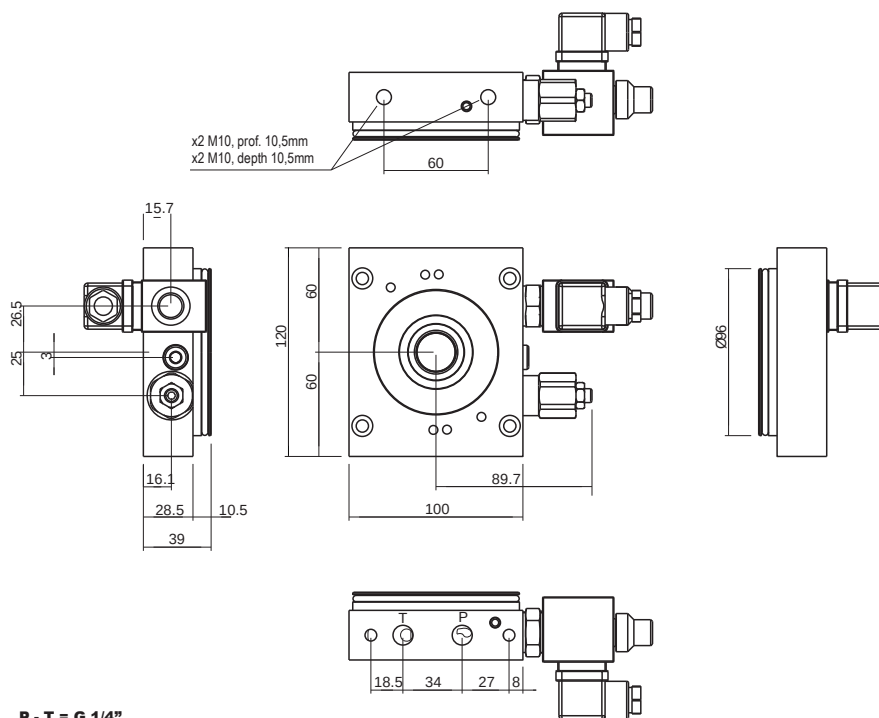
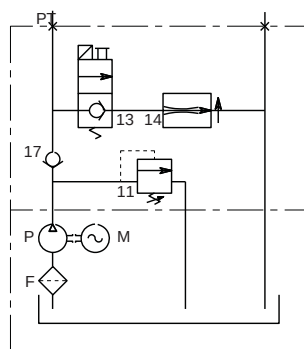
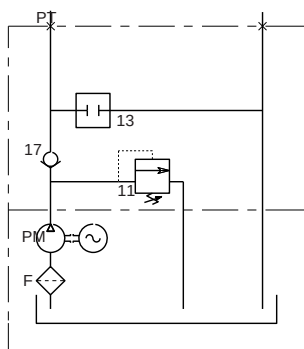
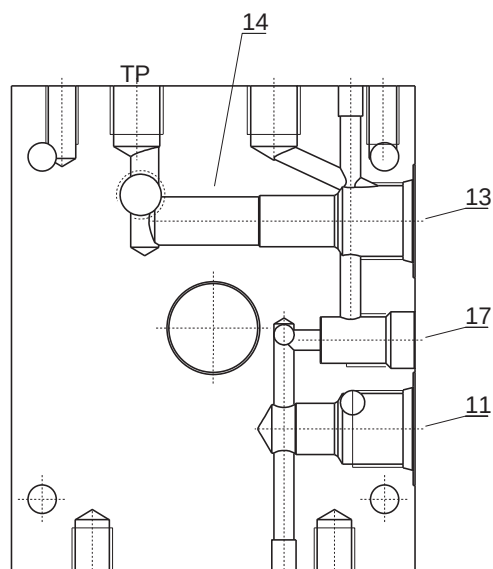
Position	1	2	3	4	5	6	7	8
MC05	___ / _	___ / ___ /	---	---	___ ** / _ /	---	___ / ___	___ / ___ /
Description	Collecteur, Limiteur de pression	Valves intégrées	Pompe	Réservoir, Kit aspi / ref .	Moteur électrique, Relai de démarrage, Capot de protection	Eléments de connexion	Positionnement support	Eléments modulaires, connexions, bobines
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



EXEMPLE DE CODE:
CODE EXAMPLE :

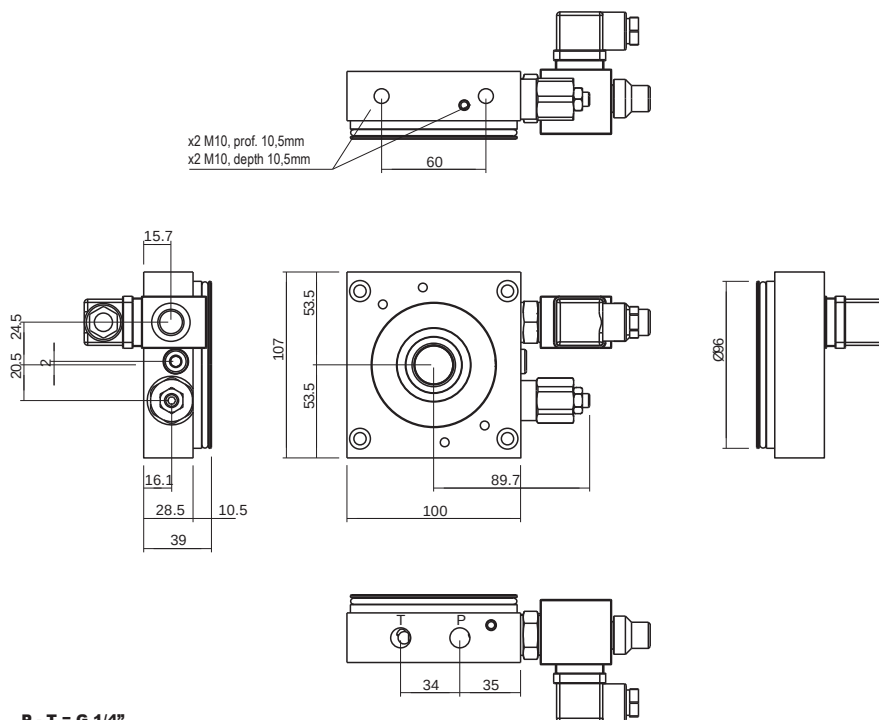
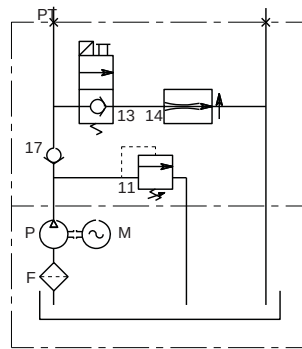
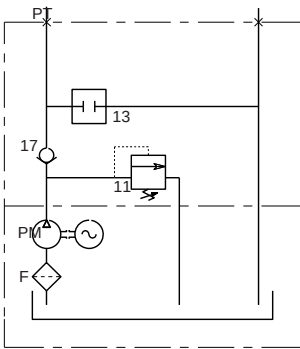
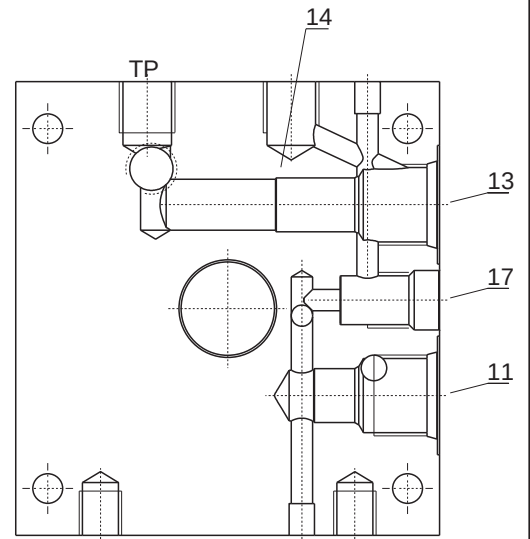
Position	1	2	3	4	5	6	7	8
MC05	M1A/Y	NC / OB / D	P005	SPM03D	C205 / D / 0	FC12	1H / G01	B03 / 2 / 00
Page	A2 / A2	A5 / A6 / A8	A9	A10	A17 / A18 / A18	A19	A20 / A20	A23 / A27 / A27

CODE	M1A	
Limiteur de pression Relief valve		Pression de tarage (bar) Pressure range (bar)
VMC1	W	10 - 60
	X	30 - 150
	Y	50 - 250
	Z	80 - 360

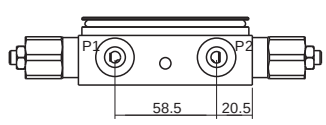
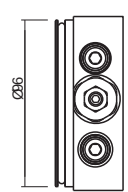
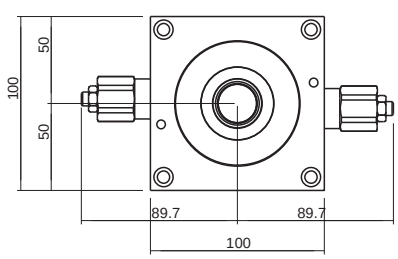
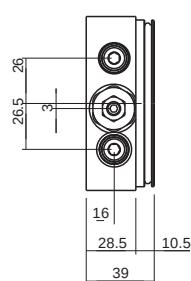
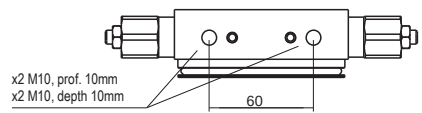
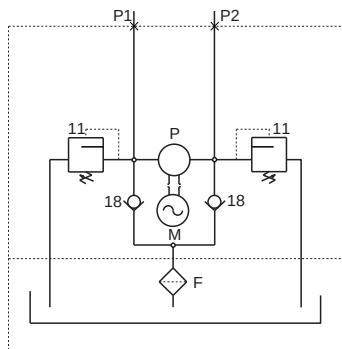
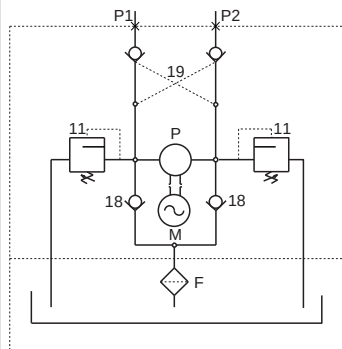
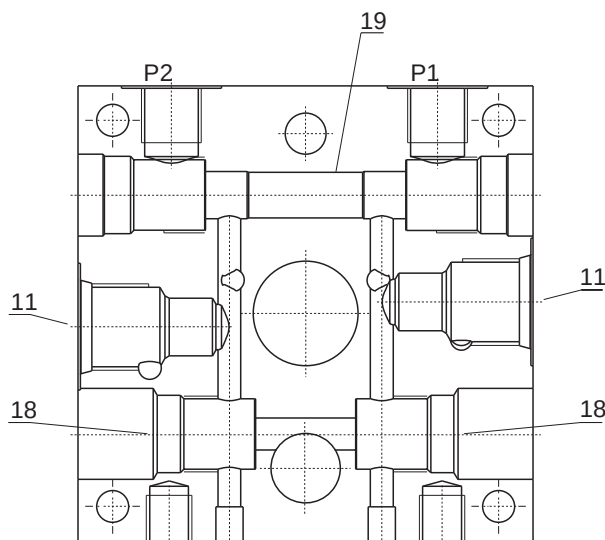


CODE	M2A	
Limiteur de pression Relief valve		Pression de tarage (bar) Pressure range (bar)
VMC1	W	10 - 60
	X	30 - 150
	Y	50 - 250
	Z	80 - 360

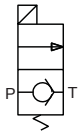
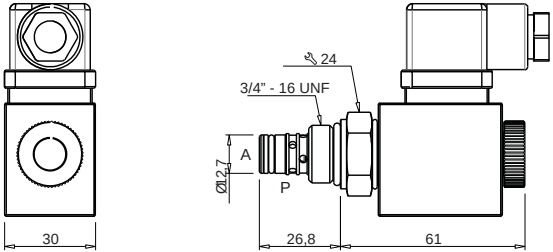
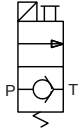
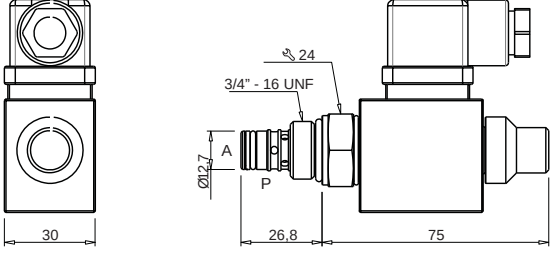
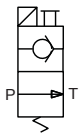
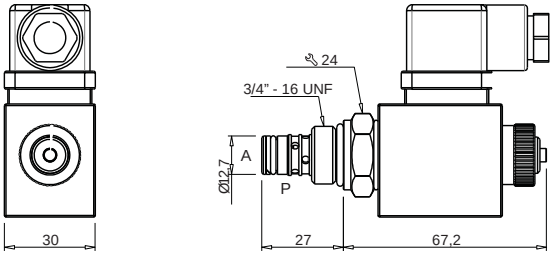
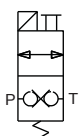
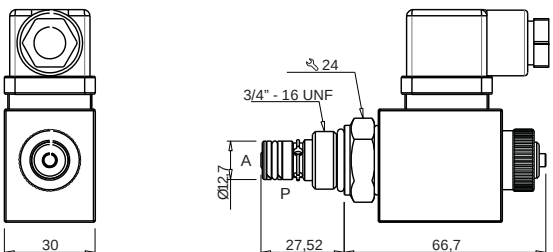
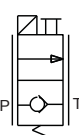
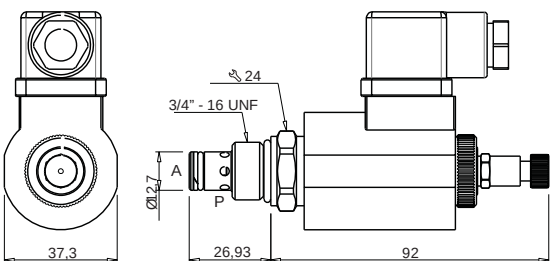
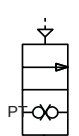
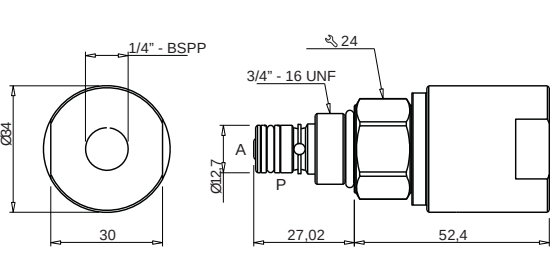
NOTE : non-compatible avec les élément modulaires
NOTE : it does not allow to fit modular elements

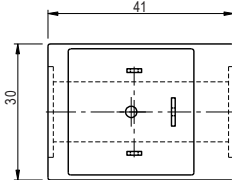
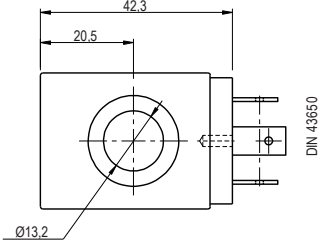
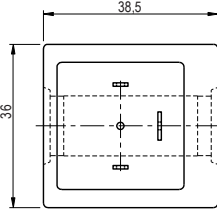
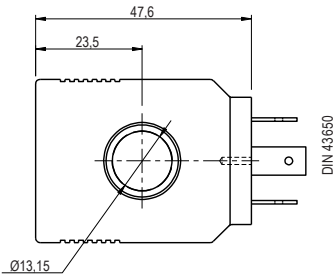
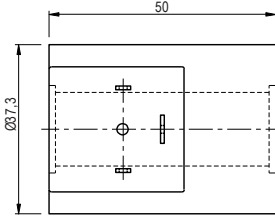
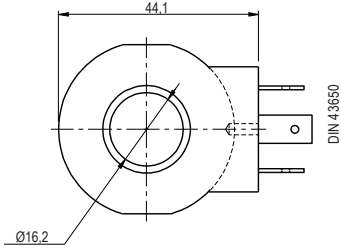
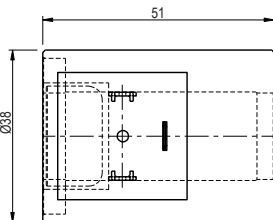
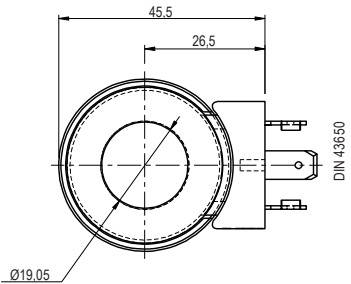


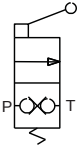
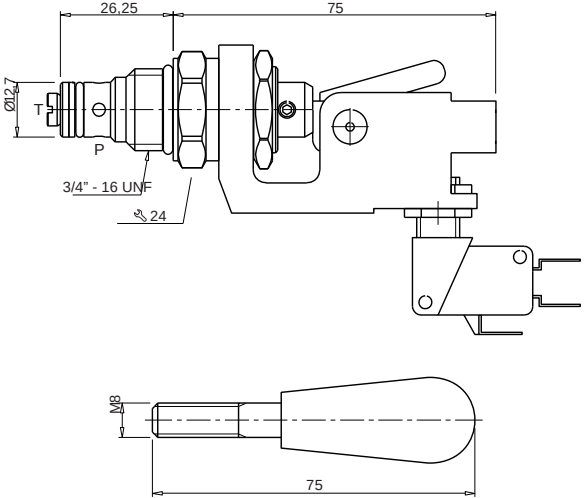
CODE	M1R	
Limiteur de pression Relief valve		Pression de tarage (bar) Pressure range (bar)
VMC1	W	10 - 60
	X	30 - 150
	Y	50 - 250
	Z	80 - 360


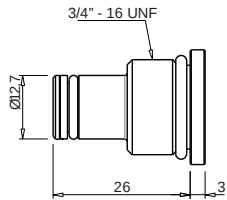

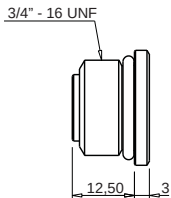

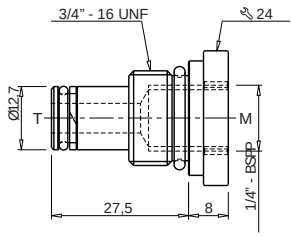

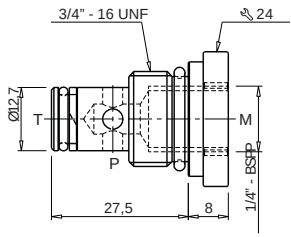


P1 - P2 = G 3/8"

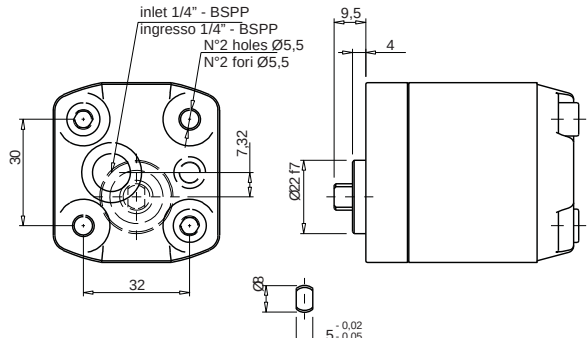
CODE	Description	Schéma Symbol	Détails Drawing	Cavité Cavity	
NC	Cartouche électrique Pilot operated electric valve VE6-NC			13	
	Pression maxi de fonctionnement Max working pressure				350 bar
	Débit maxi admissible Max flow rate				25 l/min
	Type de bobine Coil type				N-H13
NCE	Cartouche électrique Pilot operated electric valve VE6-NC-EM			13	
	Pression maxi de fonctionnement Max working pressure				350 bar
	Débit maxi admissible Max flow rate				25 l/min
	Type de bobine Coil type				N-H13
NAE	Cartouche électrique Pilot operated electric valve VE2-NA-EM			13	
	Pression maxi de fonctionnement Max working pressure				250 bar
	Débit maxi admissible Max flow rate				12 l/min
	Type de bobine Coil type				N-H13
CDE	Cartouche électrique Pilot operated electric valve VE2-NC-DT-EM			13	
	Pression maxi de fonctionnement Max working pressure				210 bar
	Débit maxi admissible Max flow rate				12 l/min
	Type de bobine Coil type				N-H13
CPE	Cartouche électrique proportionnelle Pilot operated proportional electric valve VE9-NC-EM			13	
	Pression maxi de fonctionnement Max working pressure				300 bar
	Débit maxi admissible Max flow rate				30 l/min
	Type de bobine Coil type				N-H16
PCD	Cartouche pneumatique double étanchéité Pneumatic operated double locking valve VP1-NC-DT			13	
	Pression maxi de fonctionnement Max working pressure				300 bar
	Débit maxi admissible Max flow rate				15 l/min

Tension bobines (N-H13) Solenoids voltage (N-H13)		Caractéristiques Characteristics	Détails Drawing	
CODE	Description			
OA	12 Vdc	Nominal Power 18W ----- Duty Cycle 100% ----- Insulation Class F (T°= 155°C) ----- Protection Index IP65		
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			
Tension bobines (N-H13R) Solenoids voltage (N-H13R)		Nominal Power 22W ----- Duty Cycle 100% ----- Insulation Class F (T°= 155°C) ----- Protection Index IP65		
OA	12 Vdc			
OB	24 Vdc			
Tension bobines (N-H16) Solenoids voltage (N-H16)		Nominal Power 26W ----- Duty Cycle 100% ----- Insulation Class F (T°= 155°C) ----- Protection Index IP65		
OA	12 Vdc			
OB	24 Vdc			
Tension bobines (N-H19) Solenoids voltage (N-H19)		Nominal Power 36W ----- Duty Cycle 100% ----- Insulation Class F (T°= 155°C) ----- Protection Index IP65		
OA	12 Vdc			
OB	24 Vdc			

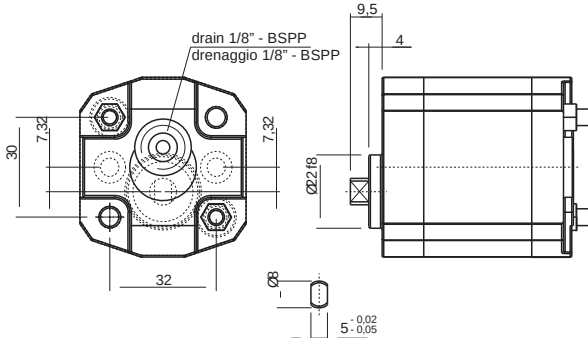
CODE	Description	Schéma Symbol	Détails Drawing	Cavité Cavity
CM1_	Valve 2 voies à commande manuelle 2 ways manual operated cartridge valve			13
	CM1A sans microswitch without microswitch			
	CM1B avec microswitch with microswitch			

CODE	Description	Schéma Symbol	Détails Drawing	Cavité Cavity
TC1	Bouchon pour cavité Plug for cavity			11
				13
TC2	Bouchon pour cavité Plug for cavity			13
TS1	Retour supplémentaire 1/4" 1/4" auxiliary return port			13
TM1	Sortie Pression 1/4" 1/4" auxiliary pressure port			13

CODE	Description				Schéma Symbol	Détails Drawing	Cavité Cavity
VRF12	Régulateur de débit compensé fixe Pressure compensated flow regulator						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				
	Débit maximum Maximum flow rate		30 l/min				
VRF1R	Adjustable pressure compensated flow regulator Valvola regolatrice di flusso compensata regolabile						
	Max working pressure Max pressione di lavoro		350 bar				
	Débit maximum Maximum flow rate		20 l/min				
VR14	Clapet anti-retour 1/4" BSPP Check valve 1/4" BSPP						17
VR38	Clapet anti-retour 3/8" BSPP Check valve 3/8" BSPP						18
VRP38	Clapets doubles pilotés 3/8" BSPP Piloted check valve 3/8" BSPP						19
	Rapport de pilotage Pilot report		1:4				
VMC1-	Limiteur de pression action directe réglable Direct acting relief valve with guided poppet						11
	Débit maximum Maximum flow rate		25 l/min				
	VMC1 - W		10 - 60 bar				
	VMC1 - X		30 - 150 bar				
	VMC1 - Y		50 - 250 bar				
VMC1 - Z		80 - 360 bar					

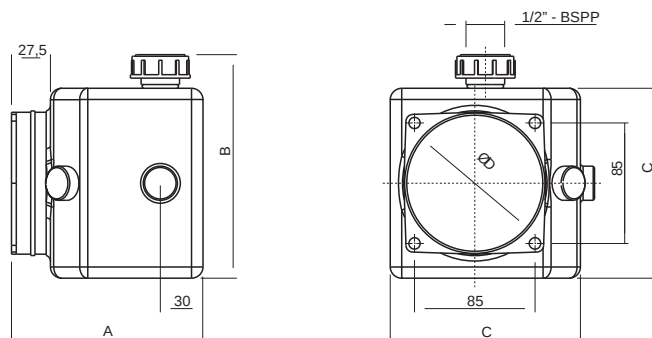
						Pompe groupe 05 (rotation anti-horaire) Pump group 05 (anticlockwise rotation)
CODE	Cylindrée	Débit à 1500 tr/mn	P1	P3**	Vitesse maxi	
	Displacement [cm ³ /rev]	Flow at 1500 rpm [L/mn]	Pression max en continu Continuus max pression [bar]	Pression max en pointe Peak max pression [bar]	Max speed [rpm]	
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	

*: versions spéciales - special versions
 **: P3 pression maxi en pointe pendant 2 secondes - P3 max pressure attainable for 2 seconds

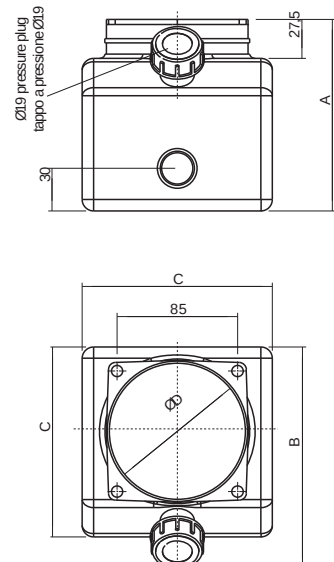
						Pompe groupe 05 reversible Pump group 05 reversible
CODE	Cylindrée	Débit à 1500 tr/mn	P1	P3**	Vitesse maxi	
	Displacement [cm ³ /rev]	Flow at 1500 rpm [L/mn]	Pression max en continu Continuus max pression [bar]	Pression max en pointe Peak max pression [bar]	Max speed [rpm]	
P002R	0,25	0,36	170	200	3500	
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 pression maxi en pointe pendant 2 secondes - P3 max pressure attainable for 2 seconds

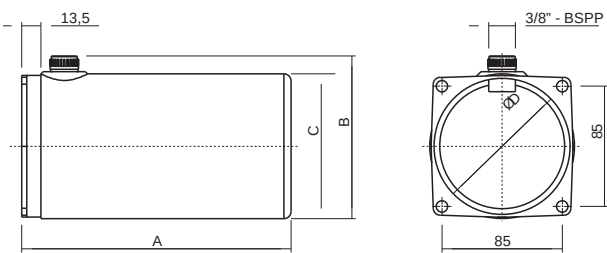
Réservoirs plastiques version horizontale Plastic tanks: horizontal version						
CODE	Tank capacity Volume [L]	A	B	C	D	Caractéristiques
SPM01H	1	135	158	134	96	Temperature range: -15°C ÷ 70°C Materials: HDPE & PP (polypropilene) Color: neutral transparent
SPM02H	1,8	180	158	134	96	
SPM03H	2,5	240	158	134	96	
SPM04H	3,5	280	158	134	96	
SPM05H	4,0	330	158	134	96	



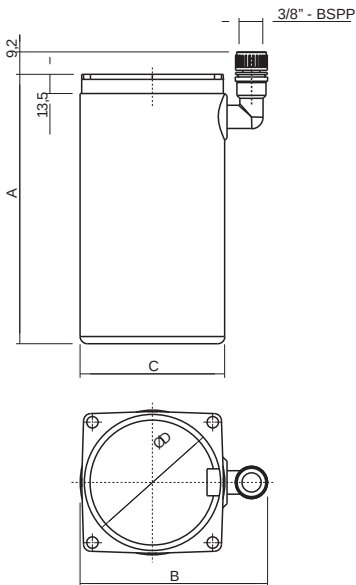
Réservoirs plastiques version verticale Plastic tanks: vertical version						
CODE	Tank capacity Volume [L]	A	B	C	D	Caractéristiques
SPM01V	1	135	174	134	96	Temperature range: -15°C ÷ 70°C Materials: HDPE & PP (polypropilene) Color: neutral transparent
SPM02V	1,8	180	174	134	96	
SPM03V	2,5	240	174	134	96	
SPM04V	3,5	280	174	134	96	
SPM05V	4,0	330	174	134	96	



Réservoirs plastiques version horizontale Plastic tanks: horizontal version						
CODE	Tank capacity Volume [L]	A	B	C	D	Caractéristiques
SPM06H	0.5	137.5	115	103.5	96	Temperature range: -15°C ÷ 70°C Materials: HDPE & PP (polypropilene) Color: neutral transparent
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	



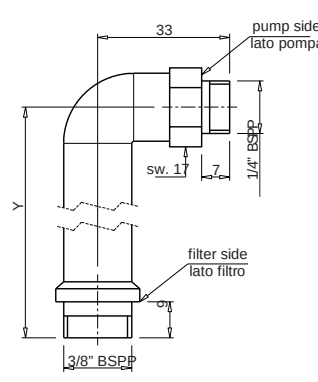
Réservoirs plastiques version verticale Plastic tanks: vertical version						
CODE	Tank capacity Volume [L]	A	B	C	D	Caractéristiques
SPM06V	0.5	137.5	132	103.5	96	Temperature range: -15°C ÷ 70°C Materials: HDPE & PP (polypropilene) Color: neutral transparent
SPM07V	0.8	160	132	103.5	96	
SPM08V	1	190	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	

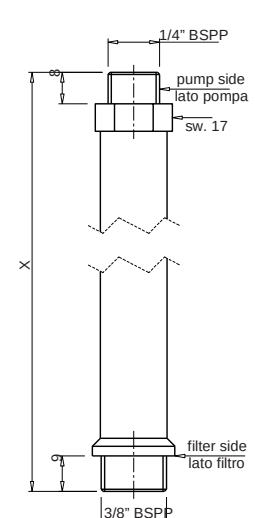
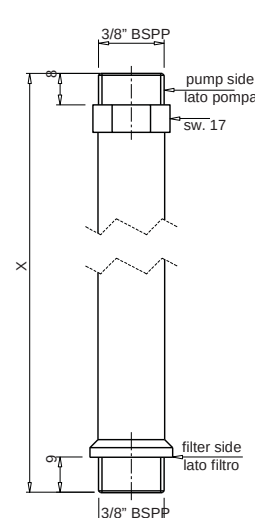


		Adaptateur pour réservoirs aciers Adapter for steel tanks
CODE	Détails Drawing	
FS0		
	<p>NOTE : Les réservoirs aciers se trouvent dans le catalogue MC1 See steel tanks in the MC1 catalog</p>	

		Position correcte de montage pour réservoirs plastiques Correct mounting position for plastic tanks

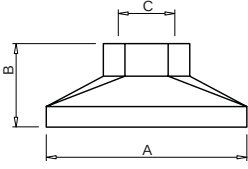
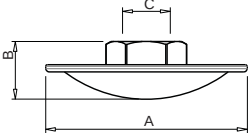
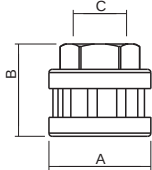
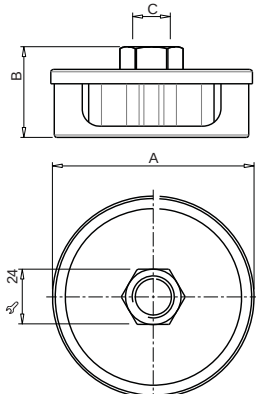
		Kit montage réservoir Tanks mounting kit
CODE	Type réservoir Tank type	Détails Drawing
KS3	SPM01 - SPM02 - SPM03 - SPM04 SPM05 - SPM06 - SPM07 - SPM08 SPM09 - SPM10 - SPM11	

		Tubes aspiration plastiques pour réservoirs montage horizontal Plastic suction pipes for horizontal tanks
CODE	Y [mm]	4C series
4C35	35	 <p>Technical drawing of the 4C series plastic suction pipe. It shows a vertical pipe with a pump side (lato pompa) at the top and a filter side (lato filtro) at the bottom. The pump side has a 1/4" BSPF connection. The filter side has a 3/8" BSPF connection. Dimensions include a total height 'Y', a top section of 33mm, a pump side length of 7mm, and a filter side length of 17mm (sw. 17).</p>
4C40	40	
4C50	50	
4C58	58	
4C68	68	
4C77	77	
4C89	89	

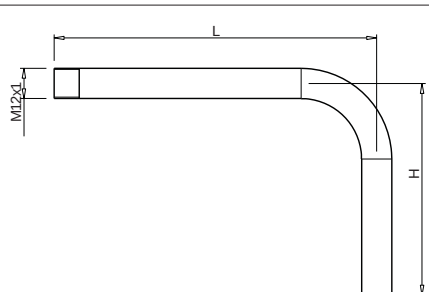
		Tubes aspiration plastiques pour réservoirs montage vertical Plastic suction pipes for vertical tanks			
CODE	X [mm]	4D series	CODE	X [mm]	8D series
4D30	30	 <p>Technical drawing of the 4D series plastic suction pipe. It shows a vertical pipe with a pump side (lato pompa) at the top and a filter side (lato filtro) at the bottom. The pump side has a 1/4" BSPF connection. The filter side has a 3/8" BSPF connection. Dimensions include a total height 'X', a pump side length of 17mm (sw. 17), and a filter side length of 17mm (sw. 17).</p>	8D50	50	 <p>Technical drawing of the 8D series plastic suction pipe. It shows a vertical pipe with a pump side (lato pompa) at the top and a filter side (lato filtro) at the bottom. The pump side has a 3/8" BSPF connection. The filter side has a 3/8" BSPF connection. Dimensions include a total height 'X', a pump side length of 17mm (sw. 17), and a filter side length of 17mm (sw. 17).</p>
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		

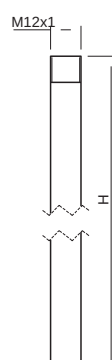
Rev. 1.0

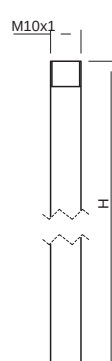
Crépines d'aspiration
Suction filters

CODE	A [mm]	B [mm]	C [mm]	Flow [L/mn]	Filtering Filtraggio	Détails Drawing
FP01	59	24,5	1/4"	15	90μ	
FP02	59	24,5	3/8"	15	90μ	
FM01	Ø63	18,5	1/4"	5	90μ	
FM02	Ø63	20	3/8"	8	90μ	
FM03	Ø32	27	1/4"	5	90μ	
FM04	Ø32	29	3/8"	10	90μ	
FM21	Ø80	26	1/4"	8	90μ	
FM22	Ø80	36	3/8"	10	90μ	

Rev. 1.0

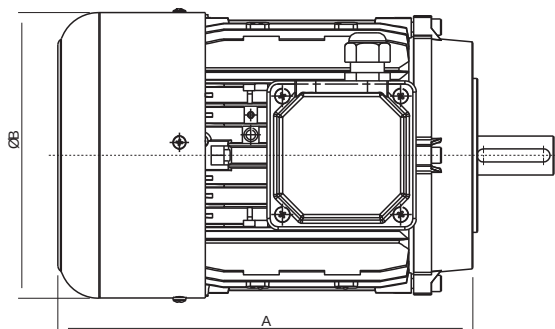
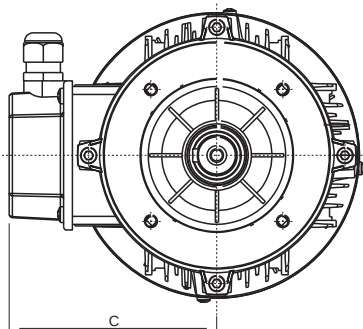
			Tubes refolement aciers pour réservoirs montage horizontal Steel return pipes for horizontal tanks
CODE	L [mm]	H [mm]	Détails Drawing
SC128	128	84	
SC114	114	39	
SC164	164	84	

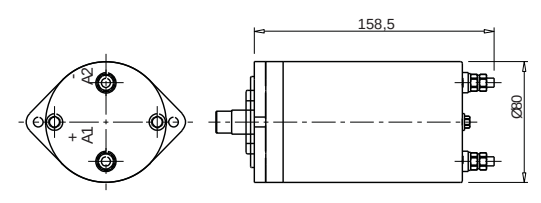
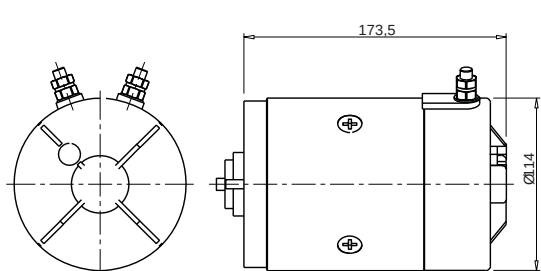
			Tubes refolement aciers pour réservoirs montage vertical Steel return pipes for vertical tanks
CODE	H [mm]		Détails Drawing
SD080	80		
SD150	150		
SD200	200		
SD250	250		
SD300	300		
SD400	400		

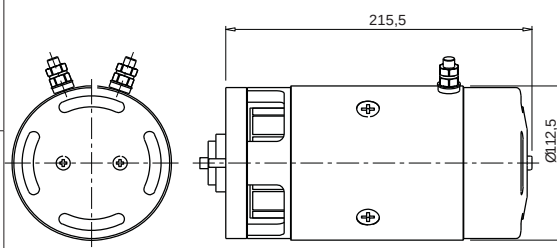
			Tube refolement acier pour montage vertical (pour collecteur réversible M1R) Steel return pipes for vertical tanks (for reversible manifold M1R)
CODE	H [mm]		Détails Drawing
SK100	100		

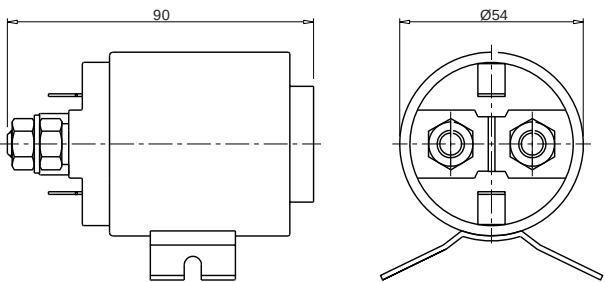
Moteur monophasé 220V – 50Hz – Bride B14 – IP54 – Service S1 AC single-phase motor 220V - 50Hz - Frame B14 - IP54 - Duty cycle S1											
CODE	Puissance Power [kW]	Nom. Current [A]	$\frac{C_{start}}{C_{nom.}}$	MEC	A	ØB	C	$\frac{C_{start}}{C_{nom.}}$	Nom. Current [A]	Puissance Power [kW]	CODE
2 poles 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

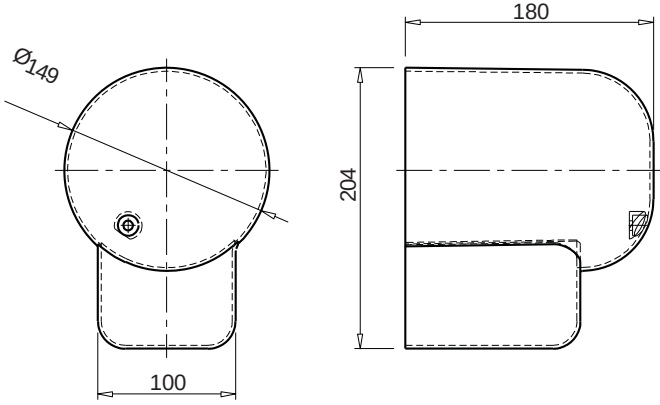
Moteur triphasé 230-400V – 50Hz – Bride B14 – IP54 – Service S1 AC three-phase motor 230-400V - 50Hz - Frame B14 - IP54 - Duty cycle S1											
CODE	Puissance Power [kW]	Nom. Current [A]	$\frac{C_{start}}{C_{nom.}}$	MEC	A	ØB	C	$\frac{C_{start}}{C_{nom.}}$	Nom. Current [A]	Puissance Power [kW]	CODE
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

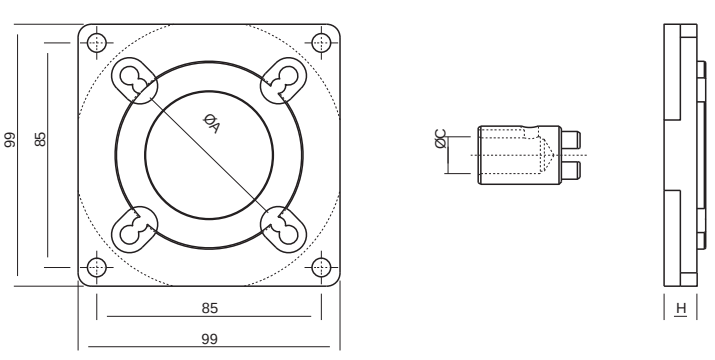


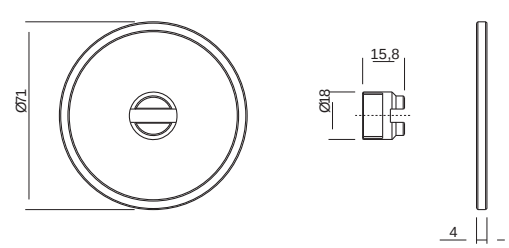
									Moteurs à courant continu Direct current motors
CODE	Tension Voltage [V]	Puissance Power [Watt]	V. rotation N° revolution [Rpm]	S2 [min]	S3 [%]	Reversible	Protection index	Thermal switch	Détails Drawing
C102	12	500	2500	5	17	YES	IP44	NO	
C103	12	800	3500	4	9	YES	IP44	NO	
C114	12	500	2500	4	15	YES	IP44	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	

									Moteurs ventilés à courant continu Fan cooled direct current motors
CODE	Tension Voltage [V]	Puissance Power [Watt]	V. rotation N° revolution [Rpm]	S2 [min]	S3 [%]	Reversible	Protection index	Thermal switch	Détails Drawing
C130	12	1500	2200	4	14	NO	IP20	NO	
C230	24	2000	2200	5	10	NO	IP20	NO	

					Relai de démarrage Starting relay
CODE	Tension Voltage [V]	Nominal current [A]	Short-time maximum Current [A]	Minimum cutting Voltage [V]	Détails Drawing
A	Sans relai de démarrage Without starting relay				
B	12	200	350	8,4	
D	24	200	350	16,8	

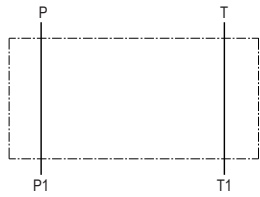
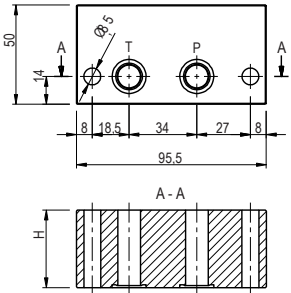
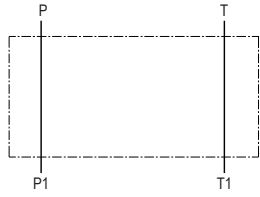
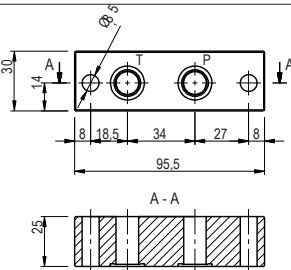
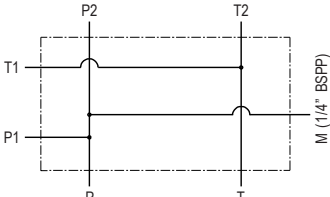
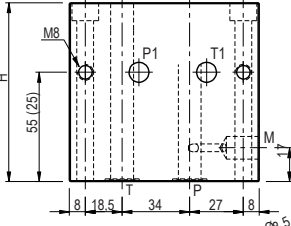
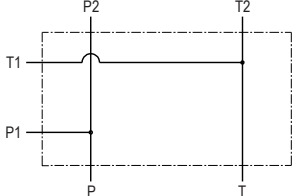
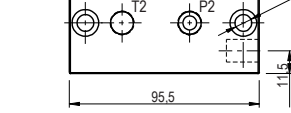
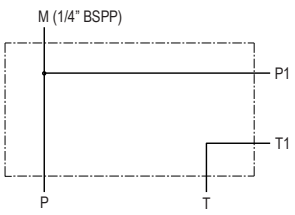
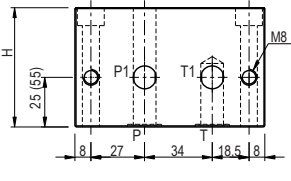

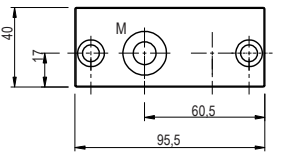
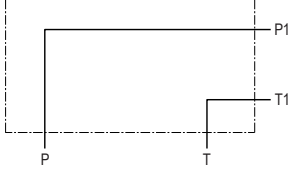
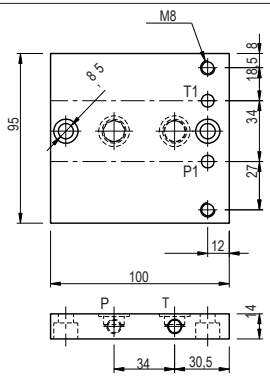
		Capot de protection Protection cover
CODE	Description	Détails Drawing
0	Sans capot de protection Without protection cover	
1	Avec capot de protection With protection cover	

						Accouplements pour moteur AC Junction elements for AC motor
CODE	Types moteur Motor codes	Size IEC	A (mm)	C (mm)	H (mm)	Détails Drawing
FAM56	297 - 298 498	56	50	9	12.5	
FAM71	201 - 202 401 - 402	71	70	14	12.5	

		Accouplements pour moteur DC Junction elements for DC motor
CODE	Types moteur Motor codes	Détails Drawing
FC11	C102 - C103 - C108 - C113 C202 - C203 - C208 - C213	

		Positions de montage centrales Power pack mounting positions			
CODE	Position	Détails Drawing			
1H	1				
2H	2				
3H	3				
4H	4				
1V	5				
2V	6				

		Support centrale Mounting brackets
CODE	Détails Drawing	
G00	Sans support centrale Without mounting bracket	
G01		

CODE	Description	Schéma Symbol	Détails Drawing
B09	Module d'espacement H=18 Spacer element H=18		
B01	Module d'espacement H=39 Spacer element H=39		
B02	Module d'espacement H=69 Spacer element H=69		
B92	Module d'espacement H=25 Spacer element H=25		
B15	Module de retournement empilage côté moteur H=90 Adaptor for motor side rotation of the modular block H=90		
B51	Module de retournement empilage côté moteur H=60 Adaptor for motor side rotation of the modular block H=60		
B26	Module de retournement empilage côté réservoir H=90 Adaptor for tank side rotation of the modular block H=90		
B76	Module de retournement empilage côté réservoir H=60 Adaptor for tank side rotation of the modular block H=60		
B33	Module de retournement empilage 90° Adaptor for 90° rotation of the modular block		

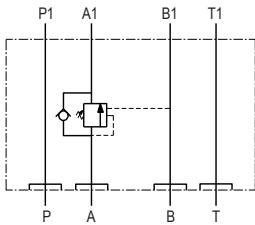
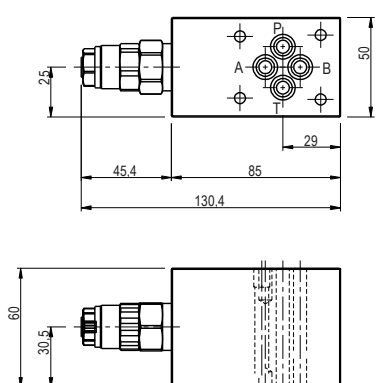
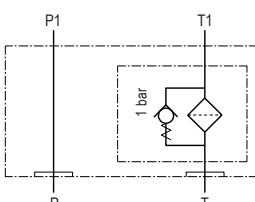
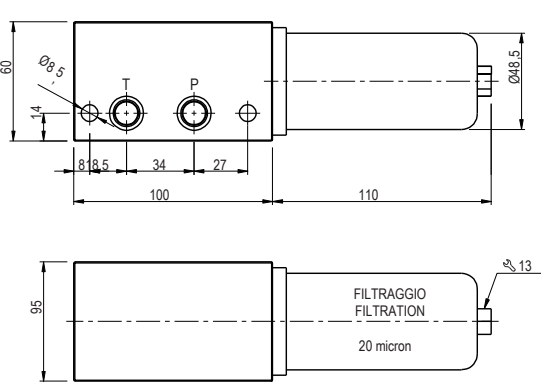
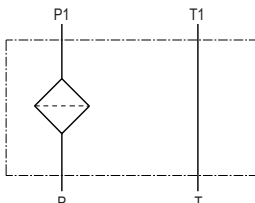
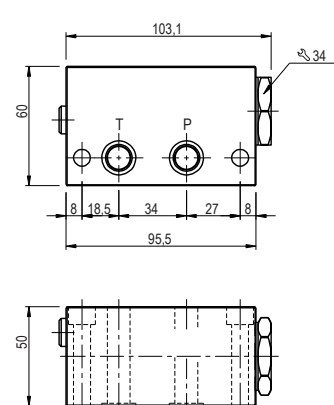
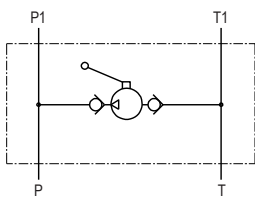
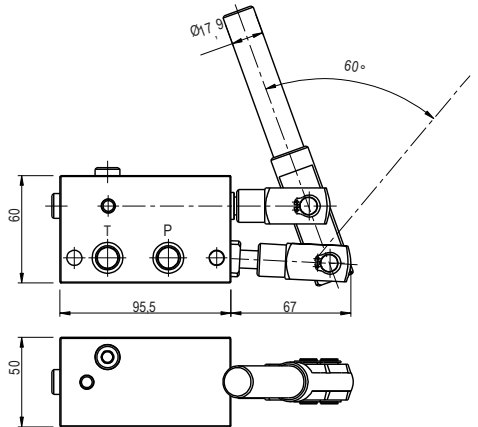
CODE	Description	Schéma Symbol	Détails Drawing
B128	<p>Module équipé de 4 sorties "P" 2x 1/8"G + 2x 1/4"G</p> <p>Modular block with 4 extra P ports 2x 1/8"G + 2x 1/4"G</p>		
B30	<p>Module diviseur de débit 50%±50%</p> <p>Modular block with 50%±50% flow divider valve</p>		
B41	<p>Modulaire avec régulateur de débit compensé prioritaire</p> <p>Modular block with pressure compensated priority valve</p>		
B73	<p>Modulaire avec valve de réduction de pression</p> <p>Modular block with pressure reducing valve</p>		

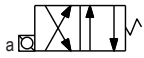
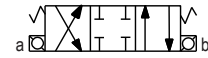
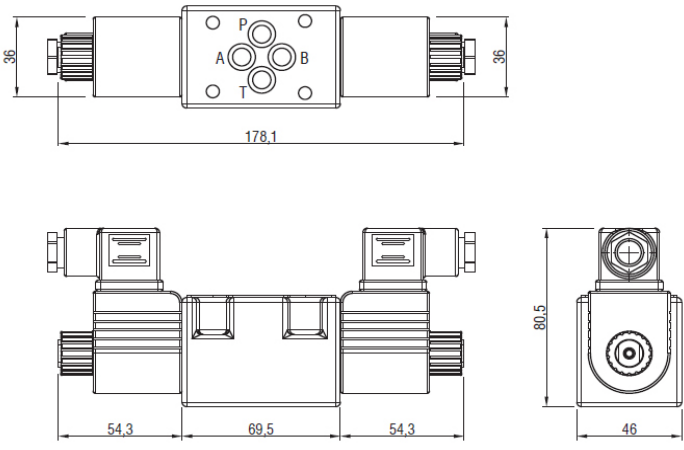




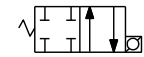
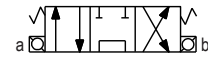


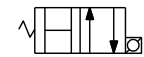

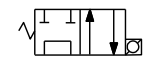
CODE	Description	Schéma Symbol	Détails Drawing
B259 A	Module de mise à vide automatique		
B259 B	Modular block with automatic unloading valve		
B03	Embase modulaire parallèle ou série pour électro CETOP3 - NG6		
B11	Modular block for parallel or serial assembling of a CETOP3 – NG6 electrovalve		
B85	Embase modulaire parallèle pour électro CETOP3 - NG6 Modular block for parallel assembling of a CETOP3 – NG6 electrovalve		
B142	Embase modulaire parallèle pour électro CETOP3 - NG6 Modular block for parallel assembling of a CETOP3 – NG6 electrovalve		

CODE	Description	Schéma Symbol	Détails Drawing
B118	Embase modulaire parallèle pour électro CETOP3 – NG6 avec clapets pilotés sur A et B		
B122	Modular block for parallel assembling of a CETOP3 - NG6 electrovalve with pilot operated check valves on A and B		
B123	Modular block for parallel assembling of a CETOP3 - NG6 electrovalve with pilot operated check valves on A and B		
B90	Embase modulaire parallèle pour électro CETOP3 – NG6 avec clapets pilotés sur A et B Modular block for parallel assembling of a CETOP3 - NG6 electrovalve with pilot operated check valves on A and B		
B121	Embase modulaire parallèle pour électro CETOP3 – NG6 avec clapets pilotés et limiteurs de pression sur A et B Modular block for parallel assembling of a CETOP3 - NG6 electrovalve with pilot operated check valves and relief valve on A and B		

CODE	Description	Schéma Symbol	Détails Drawing
B05	Modulaire sandwich pour électro CETOP3 – NG6 avec limiteur de pression Sandwich block for CETOP3 – NG6 electrovalve with relief valve		
B06			
B07			
B08	Modulaire sandwich pour électro CETOP3 – NG6 avec limiteur de pression Sandwich block for CETOP3 – NG6 electrovalve with relief valve		
B78	Modulaire sandwich pour électro CETOP3 – NG6 avec limiteur de débit Sandwich block for CETOP3 – NG6 electrovalve with flow regulator valve		
B79			
B80			

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CODE	Description	Schéma Symbol	Détails Drawing
B44	Modulaire sandwich pour électro CETOP3 – NG6 avec valve de contrebalance sur A Sandwich block for CETOP3 – NG6 electrovalve with counterbalance valve on A		
B38	Modulaire filtre retour sur "T" Modular block with filter on the return line		
B39	Modulaire filtre pression Modular block with filter on the pressure line		
B20	Modulaire pompe à main 6,5cc Modular hand pump 6,5cc		

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

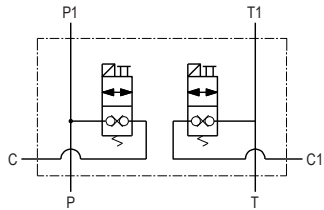
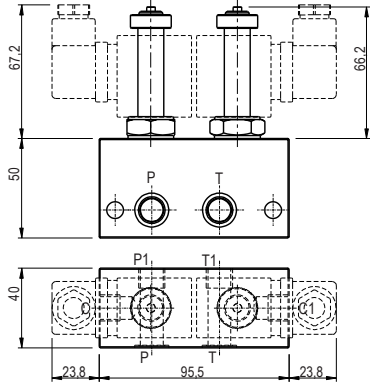
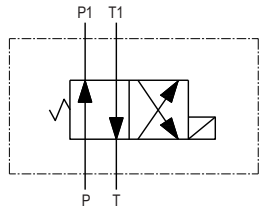
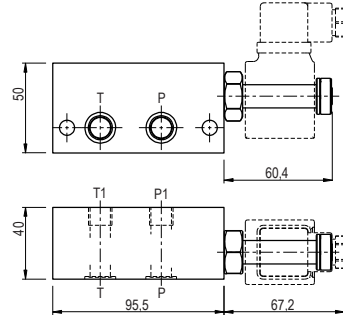
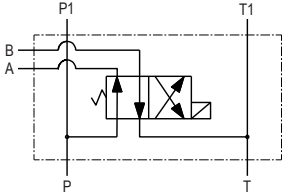
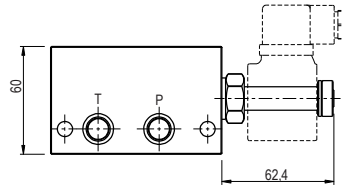
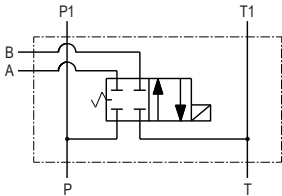
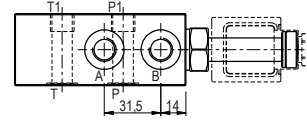
Orifices Ports		Tensions bobines Solenoids voltage		
CODE	Description	CODE	Description	Caractéristiques Characteristics
1	1/4" BSPP	00	Sans bobine No solenoid	Nominal power 27W Duty cycle 100% Insulation class F (T=155°C) Protection index IP65
2	3/8" BSPP	0A	12 Vdc	
		0B	24 Vdc	
		0C	48 Vdc	
		0V	24 Vrac	
		0W	110 Vrac	
		0Z	220 Vrac	

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NOTE: les bobines ne sont pas incluses dans les blocs modulaires
NOTE: the coils are not included in the modular elements

CODE	Description	Schéma Symbol	Détails Drawing
V07	Modulaire pour circuit simple effet ou régénérative circuit double effet		
V09	Modular block for single acting circuit or regenerative double acting circuit		
V14	Modulaire avec cartouche électrique simple effet Modular block with single locking electric cartridge valve		
V136	Modulaire avec réduction de pression sur P Modular block to reduce the working pressure on the main circuit		
V100	Modulaire avec cartouche électrique double blocage Modular block with double locking electric cartridge valve		

NOTE: les bobines ne sont pas incluses dans les blocs modulaires
NOTE: the coils are not included in the modular elements

CODE	Description	Schéma Symbol	Détails Drawing
V46	Modulaire avec 2 cartouches électriques double blocage Modular block with 2 double locking electric cartridge valves		
V39	Modulaire avec cartouche électrique V42S13 pour circuit double effet Modular block for double acting circuit with V42S13 cartridge electric valve		
V40	Modulaire avec cartouche électrique V42S13 pour circuit double effet		
V41	Modular block for double acting circuit with V42S13 cartridge electric valve		

NOTE: les bobines ne sont pas incluses dans les blocs modulaires
NOTE: the coils are not included in the modular elements

CODE	Description	Schéma Symbol	Détails Drawing
V61			
V62	Modulaire avec cartouche électrique V43S13 pour circuit double effet Modular block for double acting circuit with V43S13 cartridge electric valve		
V63			
V55	Modulaire avec cartouche électrique V43S13 et clapets doubles pilotés pour circuit double effet Modular block for double acting circuit with V43S13 cartridge electric valve and pilot operated check valves		

Orifices Ports		Tensions bobines Solenoids voltage		
CODE	Description	CODE	Description	Caractéristiques Characteristics
1	1/4" BSPP	00	No solenoid / Nessun solenoide	Nominal power 18W Duty cycle 100% Insulation class F (T=155°C) Protection index IP65
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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