



3. INLET MODULES

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3. INLET MODULES

3.1 INLET SECTION LATERAL WITHOUT CAVITIES

CMV - A - LS06 - A - 06M - A - A - D0 # 1

Material

A Aluminium
S Steel

Module design

LS06 Inlet Section Lateral

Module function

A without cavities

Module interface lateral right

06M CMV 06M

Port connections

A P,T = G3/4"; MP, LS = G1/4"

Surface protection

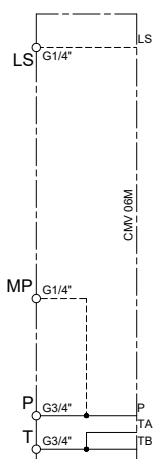
A Alu without protection

Seal type

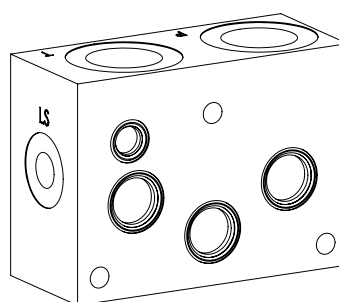
D0 NBR

Design index (subject to change)

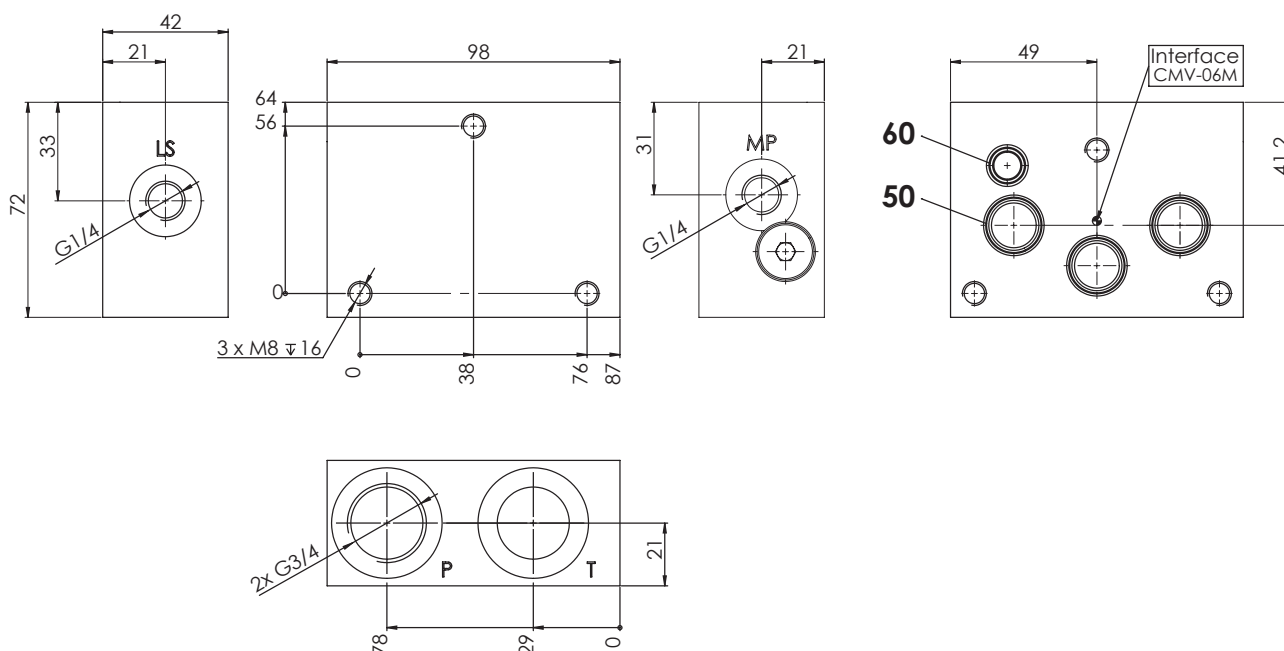
HYDRAULIC DIAGRAM



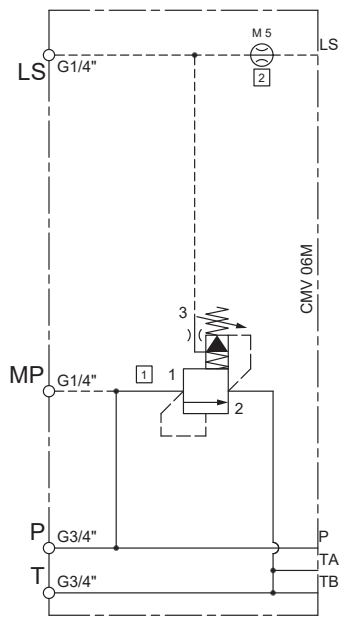
3D-MODEL



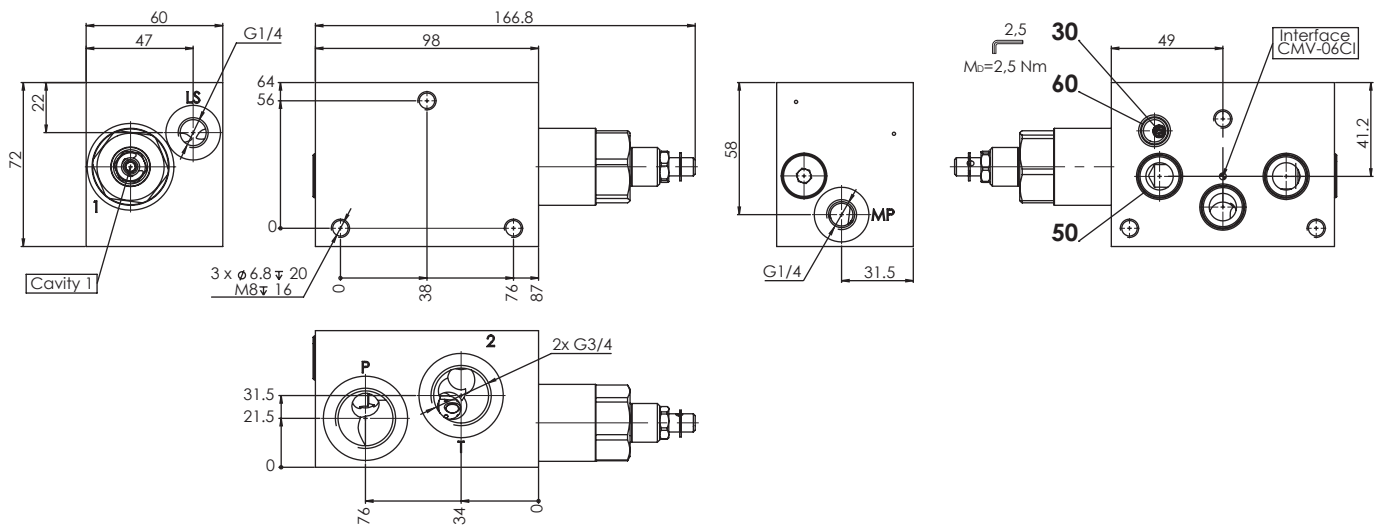
DIMENSIONS



EXEMPLARY DIAGRAM

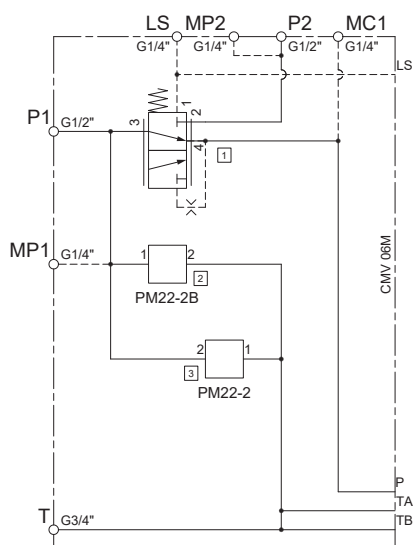
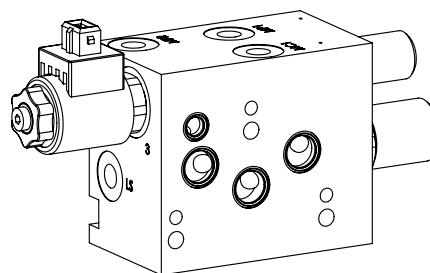


DIMENSIONS



3.3 INLET SECTION LATERAL PRIORITY WITH CAVITIES: 1x PU12-4S; 1x PM22-2; 1x PM22-2B

	CMV	A	-	LS06	-	P	-	06M	-	A	-	A	-	05	-	D0	#	1
Material																		
A	Aluminium																	
S	Steel																	
Module design																		
LS06	Inlet Section Lateral																	
Module function																		
P	Prio with cavities: 1x PU12-4; 1x PM22-2; 1x PM22-2B																	
Module interface lateral right																		
06M	CMV 06M																	
Port connections																		
A	T = G3/4"; P1, P2 = G1/2"; MC1, MP1, MP2, LS = G1/4"																	
Surface protection																		
A	Alu w/o protection																	
dp priority valve																		
05	5 bar																	
10	10 bar																	
Seal type																		
D0	NBR																	
Design index (subject to change)																		

HYDRAULIC DIAGRAM

3D-MODEL

AVAILABLE VALVES FOR CAVITY PU12-4, POS. 1

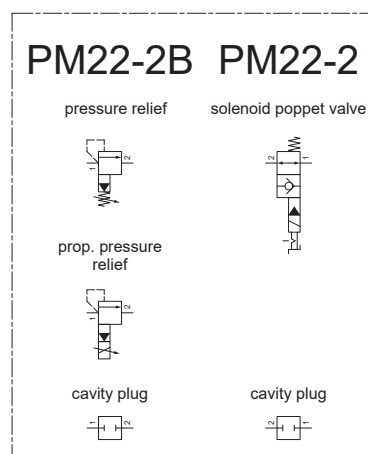
Designation	Link	Data sheet no.
Priority valve	UPFPU12	2.5-691

AVAILABLE VALVES FOR CAVITY PM22-2B, POS. 2

Designation	Link	Data sheet no.
Pressure relief cartridge	BV_PM22	2.1-530
Proportional pressure relief cartridge inverse	BVIPM22	2.3-258
Proportional pressure relief cartridge	BVPPM22	2.3-529

AVAILABLE VALVES FOR CAVITY PM22-2, POS. 3

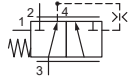
Designation	Link	Data sheet no.
Solenoid poppet valve cartridge pilot operated	SV_PM22	1.11-2082



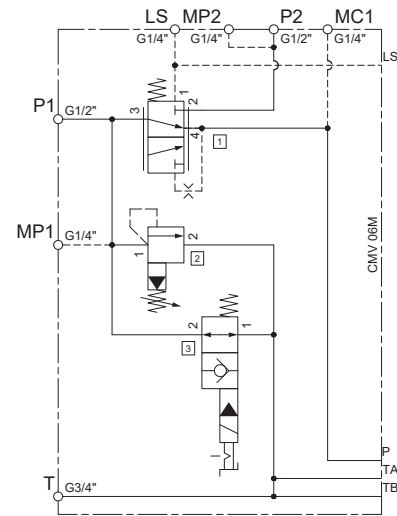
AVAILABLE VALVES FOR CAVITY PU12-4, POS. 1

Designation	Link	Data sheet no.
Prio On Demand pressure compensator cartridge	UPFPU12	2.5-691

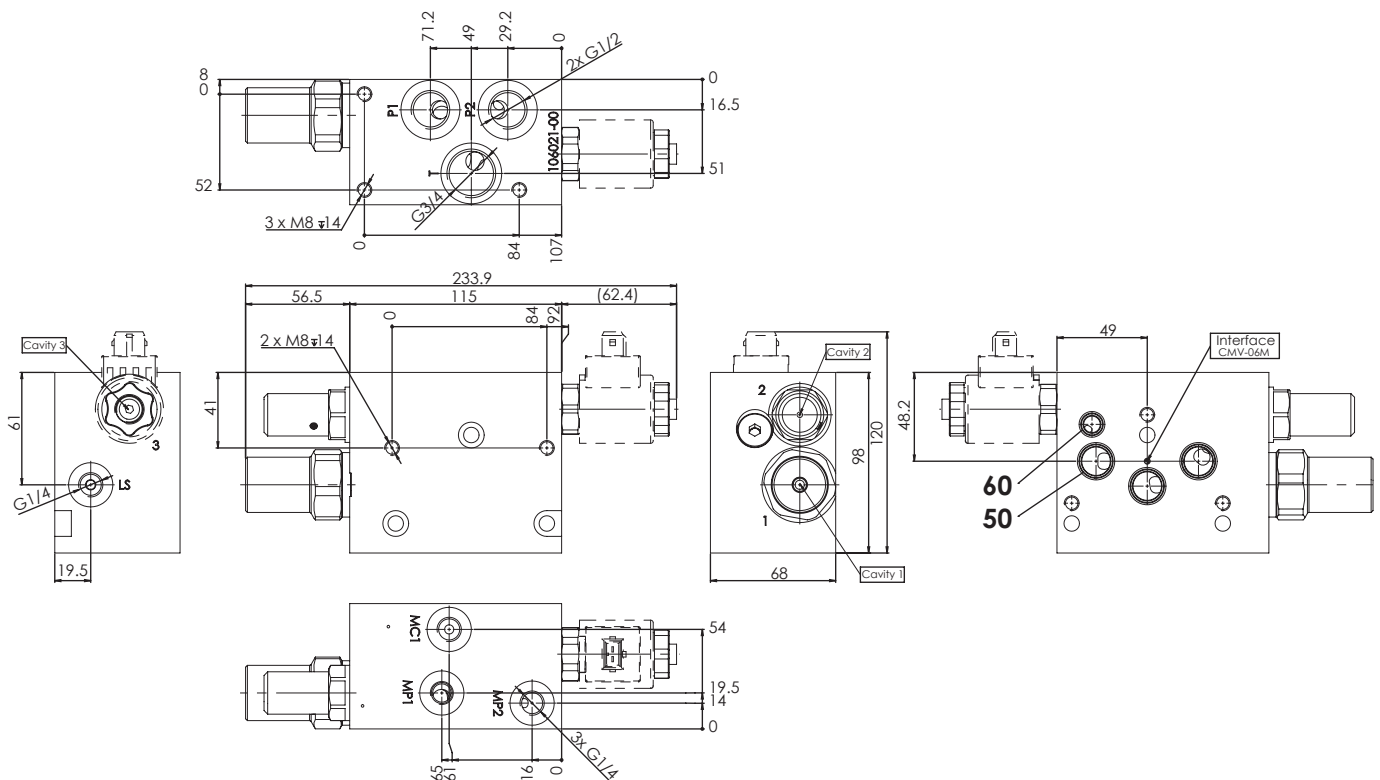
PU12-4S



EXEMPLARY DIAGRAM



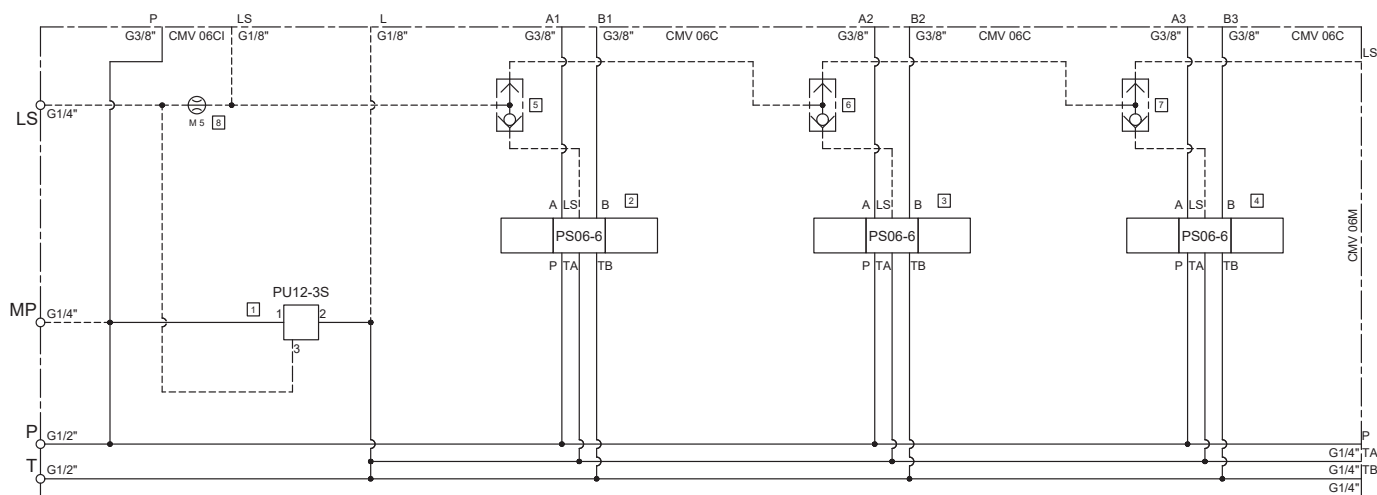
DIMENSIONS



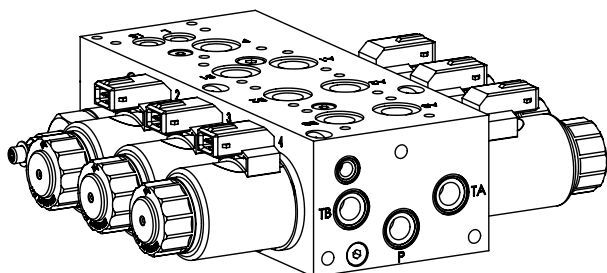
3.4 INLET MONO LATERAL BDW 3x LS WITH CAVITIES: 1x PU12-3S; 3x PS06-6

	CMV	A	-	LM06	-	A	-	06M	-	A	-	A	-	8	-	D0	#	1
Material																		
A	Aluminium																	
S	Steel																	
Module design																		
LM06	Inlet Mono Lateral																	
Module function																		
A	BDW 3xLS with cavities:1x PU12-3S; 3x PS06-6																	
Module interface lateral right																		
06M	CMV 06M																	
Port connections																		
A	P,T = G1/2"; MP, LS = G1/4"																	
	P1= G3/8"; LS1, L = G1/8" (CMV 06CI)																	
	A1...A3, B1...B3 = G3/8" (CMV 06C)																	
	P2, TA, TB = G1/4"; LS2 = M8x0,75 (CMV 06M)																	
Surface protection																		
A	Alu without protection																	
Orifice M5 Pos. 9																		
8	0.8 mm																	
Seal type																		
D0	NBR																	
Design index (subject to change)																		

HYDRAULIC DIAGRAM

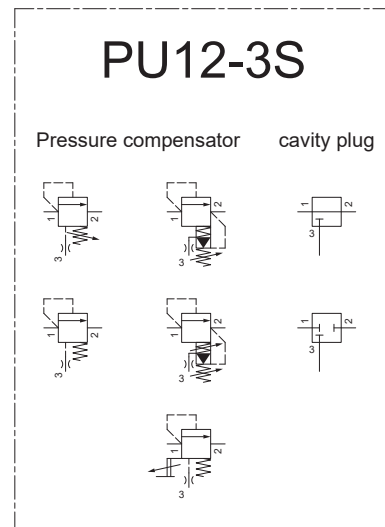


3D-MODEL

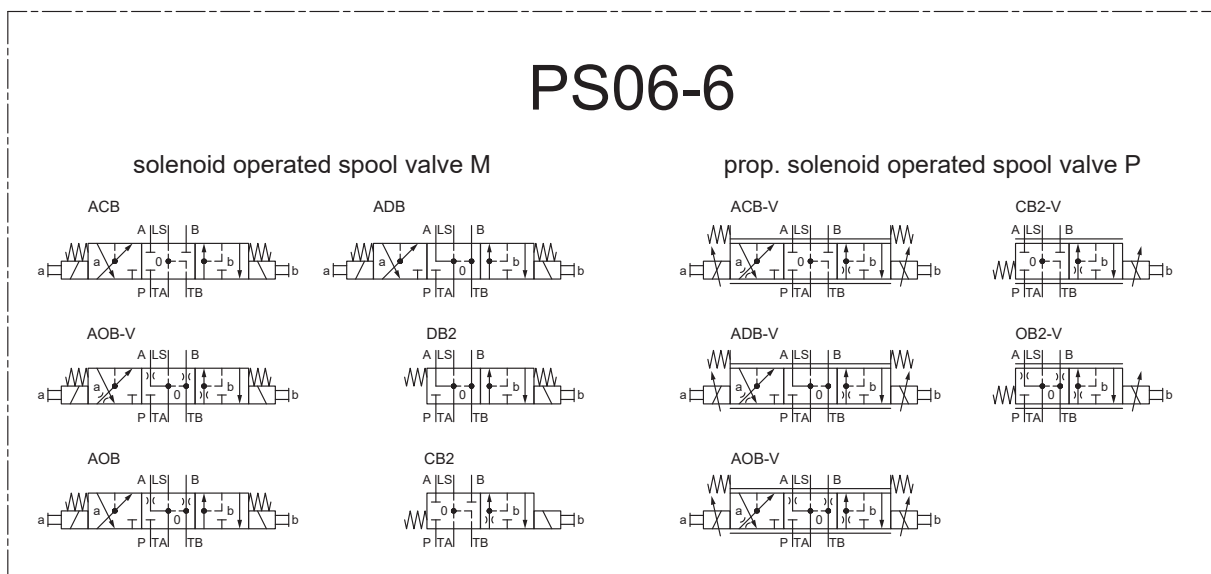


AVAILABLE VALVES FOR CAVITY PU12-3S, POS. 1

Designation	Link	Data sheet no.
Bypass pressure compensator cartridge	UB_PU12	2.5-675
Bypass pressure compensator cartridge with pressure relief	UC_PU12	2.5-681
Priority valve	UPFPU12	2.5-691


AVAILABLE VALVES FOR CAVITY PS06-6, POS. 2 BIS 4

Designation	Link	Data sheet no.
CMVA-MA06-...-M	MA06-M	4.1-15
CMVA-MA06-...-P	MA-06-P	4.1-10

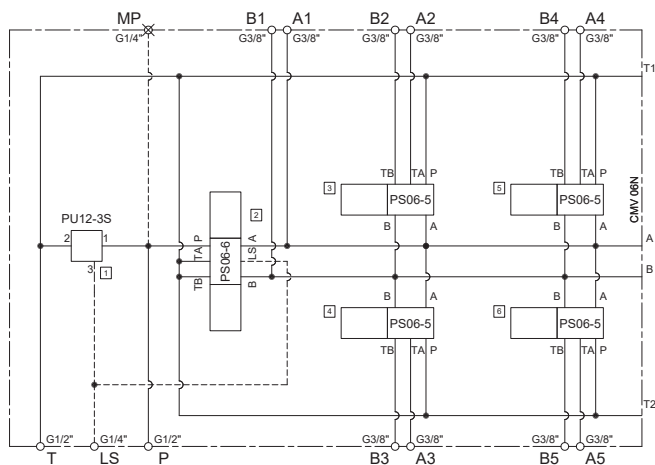
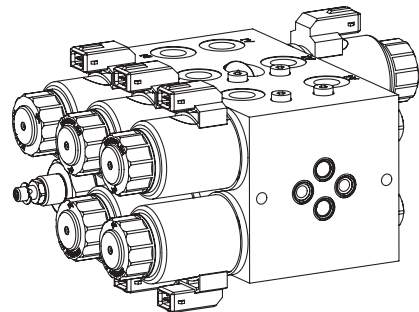


Technical drawings of the CMV-06M valve assembly, showing dimensions and labels:

- Top View (Left):** Shows the valve body with dimensions 10, 80, 2.5, 30, 4, 150, 100, 22.4, and (50.5). Labels include $M_b = 2.5 \text{ Nm}$, $M_b = 5.5 \text{ Nm}$, $M_b = 5.5 \text{ Nm}$, $M_b = 12 \text{ Nm}$, 4x M8 ± 1.4 , Cavity 1, Cavity 2, Cavity 3, Cavity 4, 100224-00, (Ø45), and 18 20.
- Front View (Middle Left):** Shows the valve body with dimensions 0, 22, 41, 77.3, 98, 252.5, 81.5, 46.6, 12, 22.5, and 72.4. Labels include 2x G1/2, G1/4, and $M_b = 5 \text{ Nm}$.
- Front View (Middle Right):** Shows the valve body with dimensions 72.4, 68, 227, 48, and 18. Labels include G1/4 and MP.
- Top View (Right):** Shows the valve body with dimensions 37, 49, and 50. Labels include Interface CMV-06M, LS2, TB, TA, P2, and P1.
- Bottom View (Left):** Shows the valve body with dimensions 195, 145, 95, 63, 55, 49, and 0. Labels include Interface CMV-06C, Interface CMV-06C, Interface CMV-06C, A1, A2, A3, B1, B2, B3, P1, L, LS1, and P2.

3.5 INLET MONO LATERAL BDW LS SWITCH 4x OC WITH CAVITIES: 1x PU12-3S, 1x PS06-6, 4x PS06-5

		CMV	A	-	LM06	-	B	-	06N	-	A	-	A	-	D0	#	1
Material																	
A	Aluminium																
S	Steel																
Module design																	
LM06	Inlet Mono Lateral																
Module function																	
B	BDW LS Switch 4xOC with cavities: 1x PU12-3S, 1x PS06-6, 4x PS06-5																
Module interface lateral right																	
06M	CMV 06N																
Port connections																	
A	P, T = G1/2" LS, MP = G1/4" A1...A5, B1...B5 = G3/8"																
Surface protection																	
A	Alu without protection																
Seal type																	
D0	NBR																
Design index (subject to change)																	

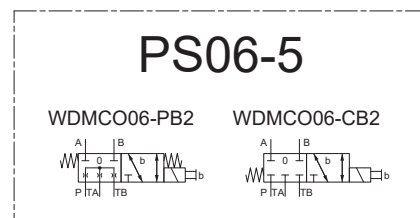
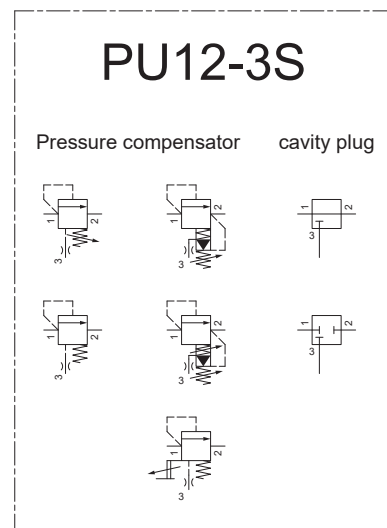
HYDRAULIC DIAGRAM

3D-MODEL


AVAILABLE VALVES FOR CAVITY PU12-3S, POS. 1

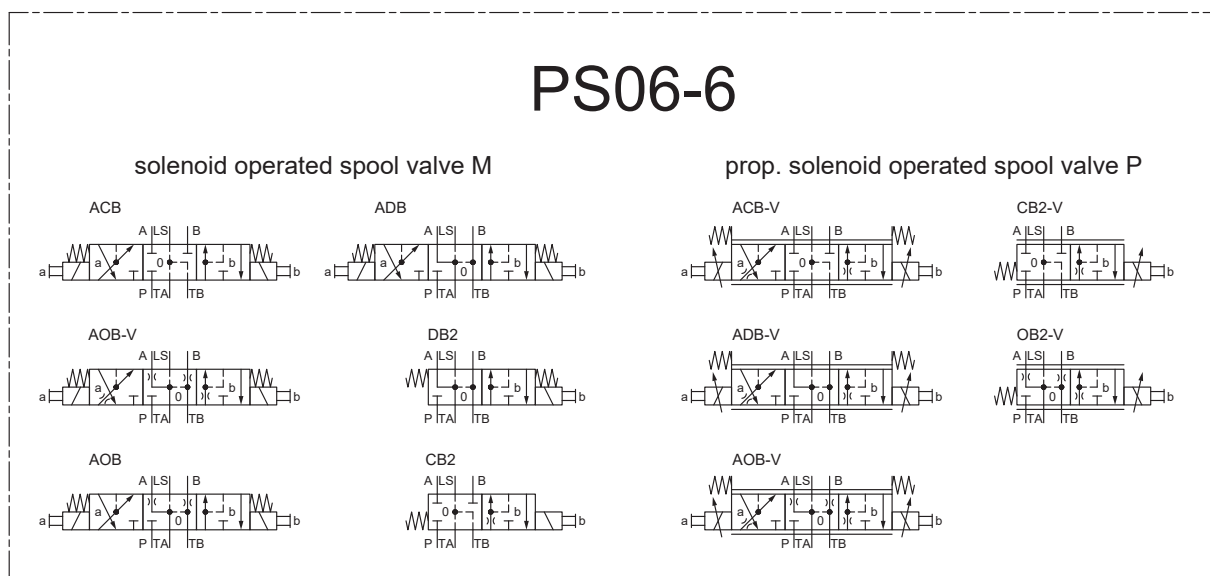
Designation	Link	Data sheet no.
Bypass pressure compensator cartridge	UB_PU12	2.5-675
Bypass pressure compensator cartridge with pressure relief	UC_PU12	2.5-681
Priority valve	UPFPU12	2.5-691

AVAILABLE VALVES FOR CAVITY PS06-5, POS. 3 TO 6

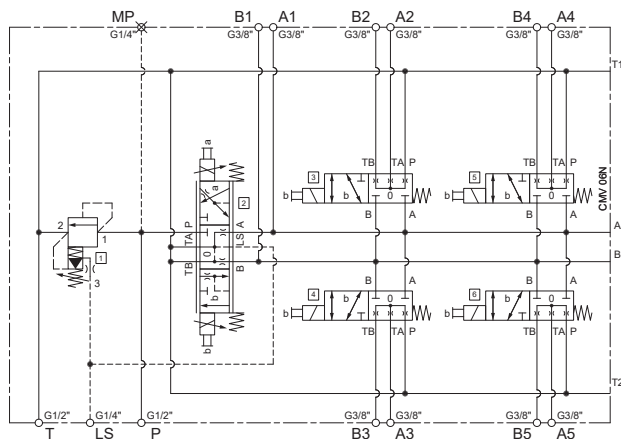
Designation	Link	Data sheet no.
CMVA-MA06-...-M	MA06-M	4.1-15
CMVA-MA06-...-P	MA-06-P	4.1-10


AVAILABLE VALVES FOR CAVITY PS06-6, POS. 2

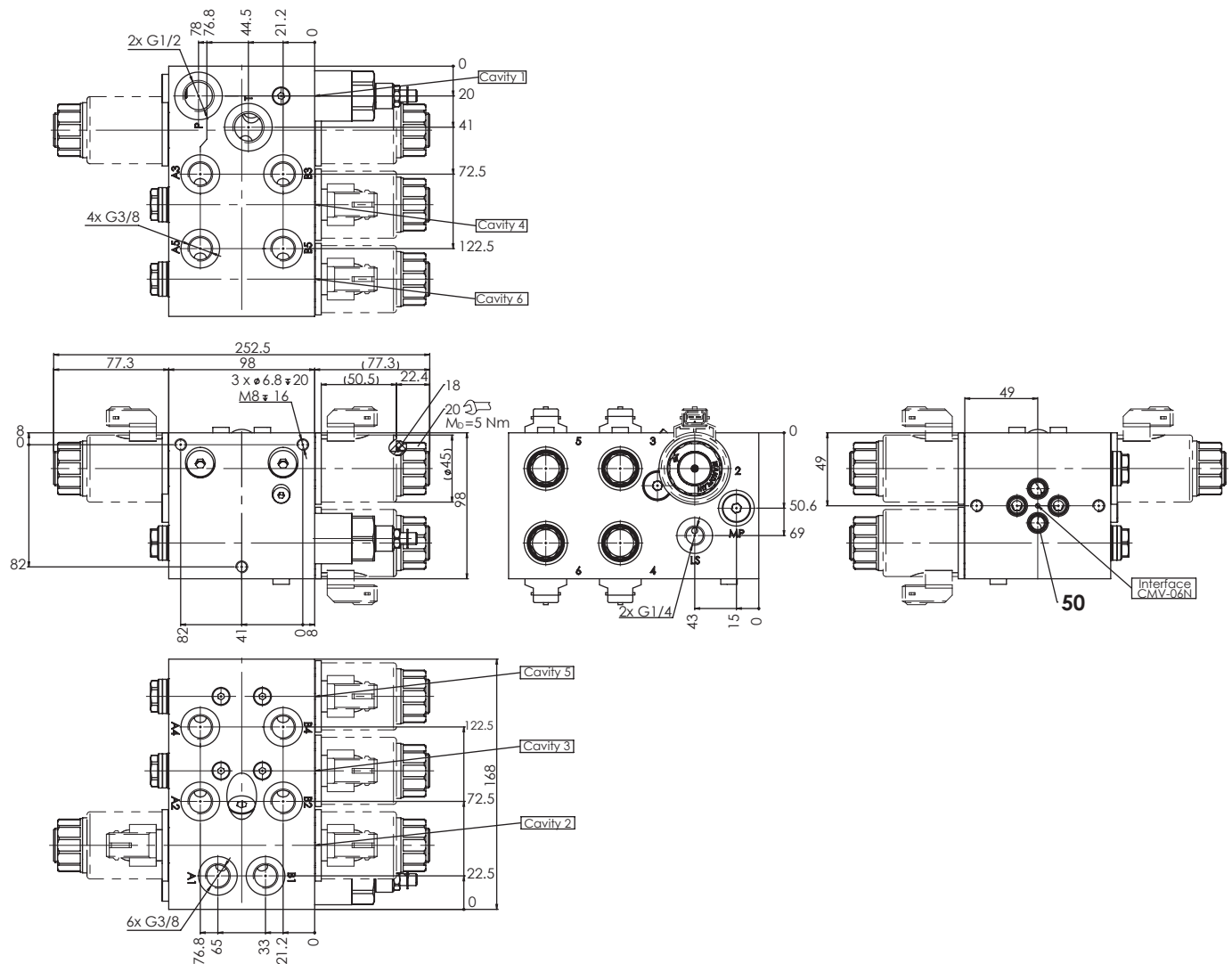
Designation	Link	Data sheet no.
CMVA-MA06-...-M	MA06-M	4.1-15
CMVA-MA06-...-P	MA-06-P	4.1-10



EXEMPLARY DIAGRAM



DIMENSIONS



3.6 INLET MONO LATERAL 8x SV WITH CAVITIES: 8x PU08-2

CMV - A - LM04 - A - 04N - A - A - D0 # 1

Material

A Aluminium
S Steel

Module design

LM04 Inlet Mono Lateral

Module function

A 8xSV with cavities: 8x PU08-2

Module interface lateral right

04N CMV 04N

Port connections

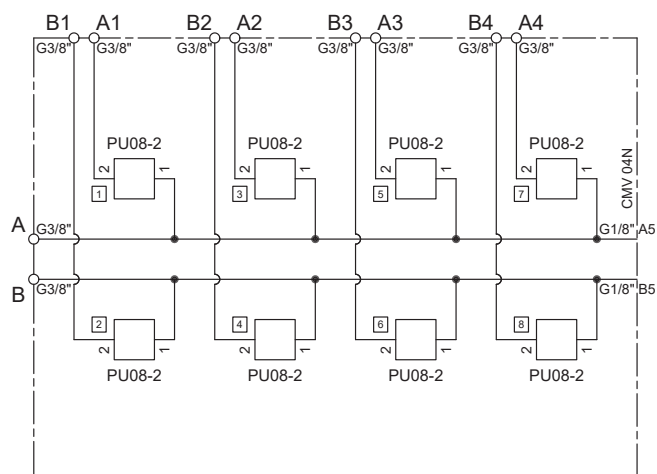
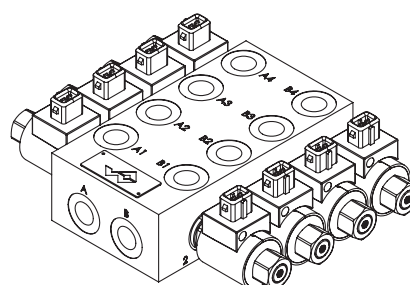
A A, A1...A4, B, B1...B4 = G3/8"
A5, B5 = G1/8" (CMV 04N)

Surface protection

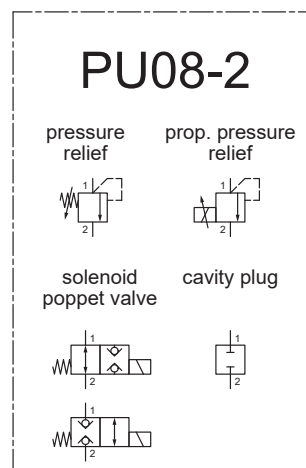
A Alu without protection

Seal type

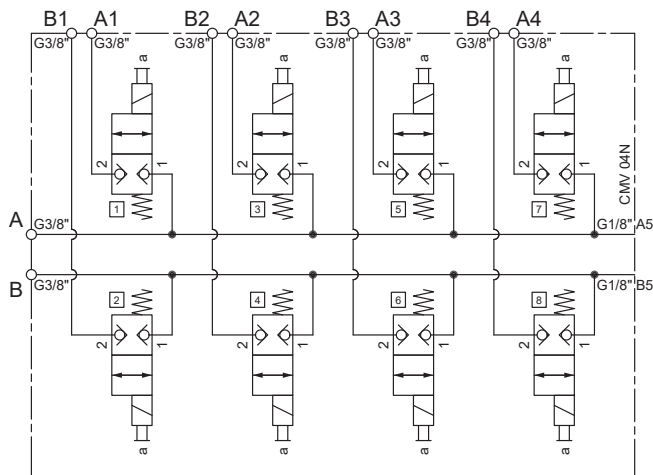
D0 NBR

Design index (subject to change)
HYDRAULIC DIAGRAM

3D-MODEL

AVAILABLE VALVES FOR CAVITY PU08-2, POS. 1 BIS 8

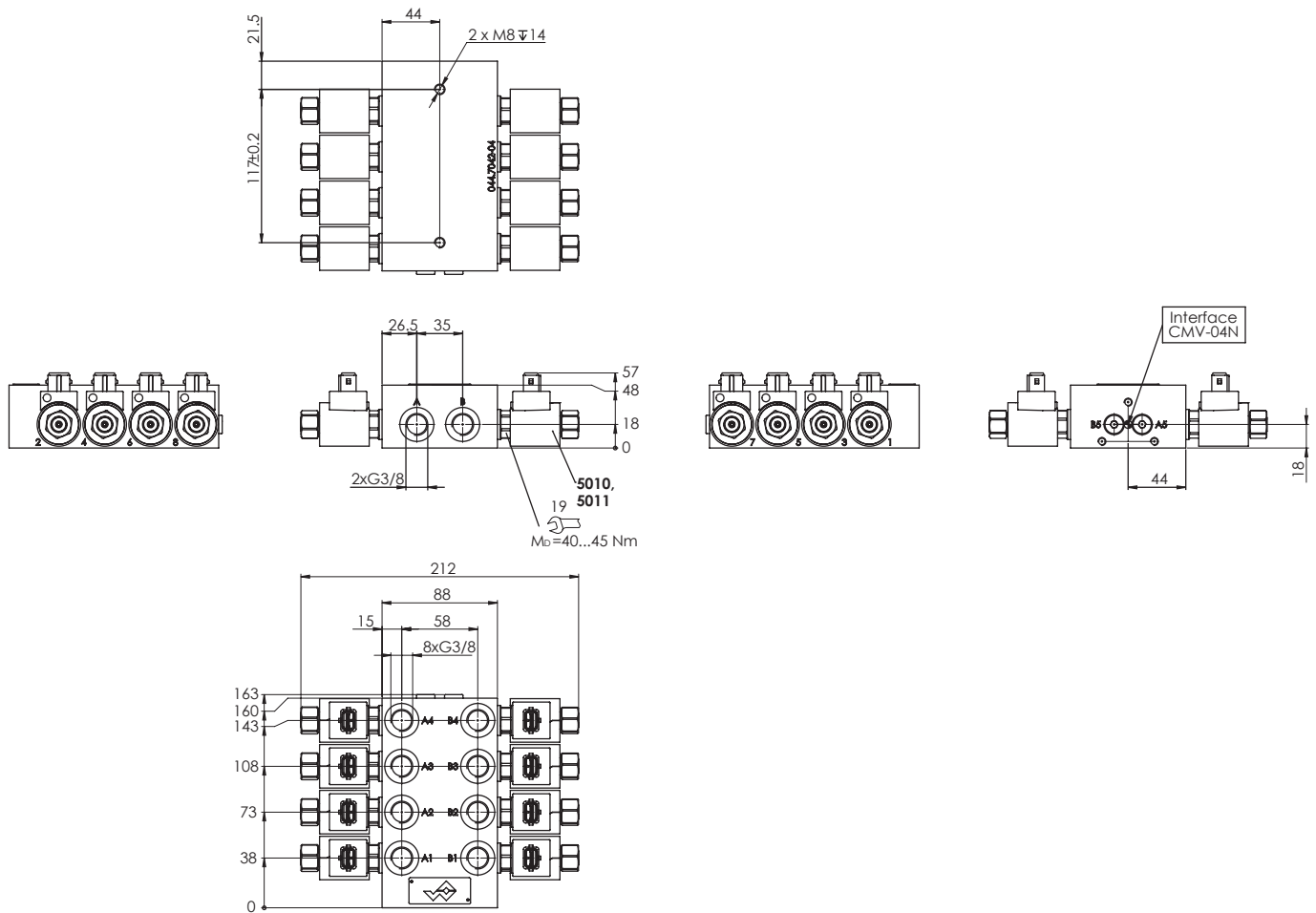
Designation	Link	Data sheet no.
Pressure relief cartridge direct operated, leakage free	BESPU08	2.3-525
Proportional pressure relief cartridge direct operated	BDPPU08	2.6-551
Poppet valve direct operated	SDEPU08	1.11-205B



EXEMPLARY DIAGRAM



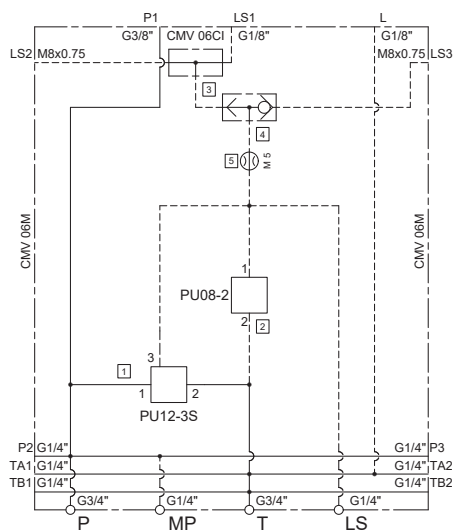
DIMENSIONS



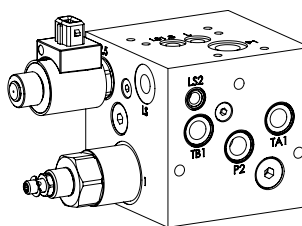
3.7 INLET SECTION INTERMEDIATE BDW WITH CAVITIES: 1x PU12-3S; 1x PU08-2

	CMV	A	-	IS06	-	B	-	06M	-	06M	-	A	-	A	-	8	-	D0	#	1
Material																				
A	Aluminium																			
S	Steel																			
Module design																				
IS06	Inlet Section Intermediate																			
Module function																				
B	BDW with cavities: 1x PU12-3S; 1x PU-08-2																			
Module interface lateral right																				
06M	CMV 06M																			
Module interface lateral left																				
06M	CMV 06M																			
Port connections																				
A	P,T = G3/4"; MP, LS = G1/4"																			
	P1= G3/8"; LS1, L = G1/8" (CMV 06CI)																			
	P2, TA1, TB1 = G1/4"; LS2 = M8x0,75 (CMV 06M)																			
	P3, TA2, TB2 = G1/4"; LS3 = M8x0,75 (CMV 06M)																			
Surface protection																				
A	Alu w/o protection																			
Orifice M5 Pos. 5																				
8	0.8 mm																			
Seal Type																				
D0	NBR																			
Design index (subject to change)																				

HYDRAULIC DIAGRAM

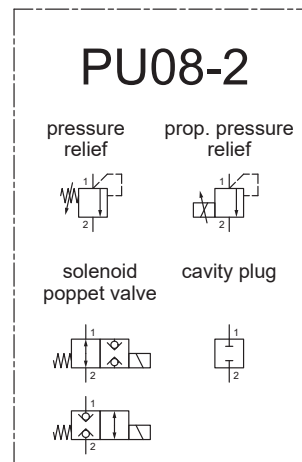


3D-MODEL



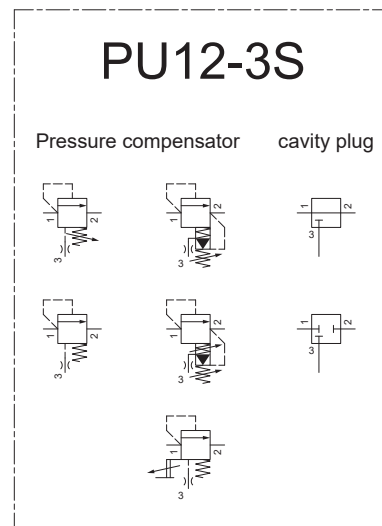
AVAILABLE VALVES FOR CAVITY PU08-2, POS. 2

Designation	Link	Data sheet no.
Pressure relief cartridge direct operated, leakage free	BESPU08	2.3-525
Proportional pressure relief cartridge direct operated	BDPPU08	2.6-551
Poppet valve direct operated	SDEPU08	1.11-205B

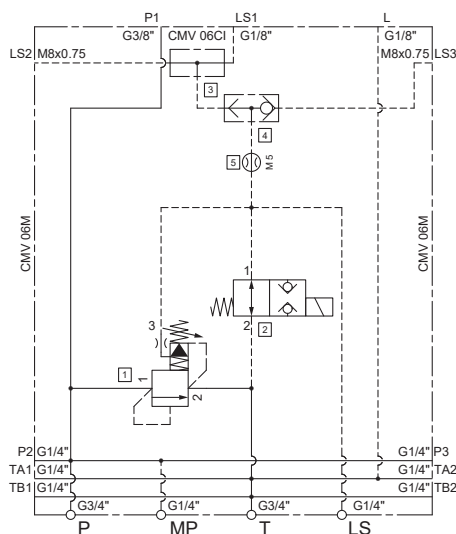


AVAILABLE VALVES FOR CAVITY PU12-3S, POS. 1

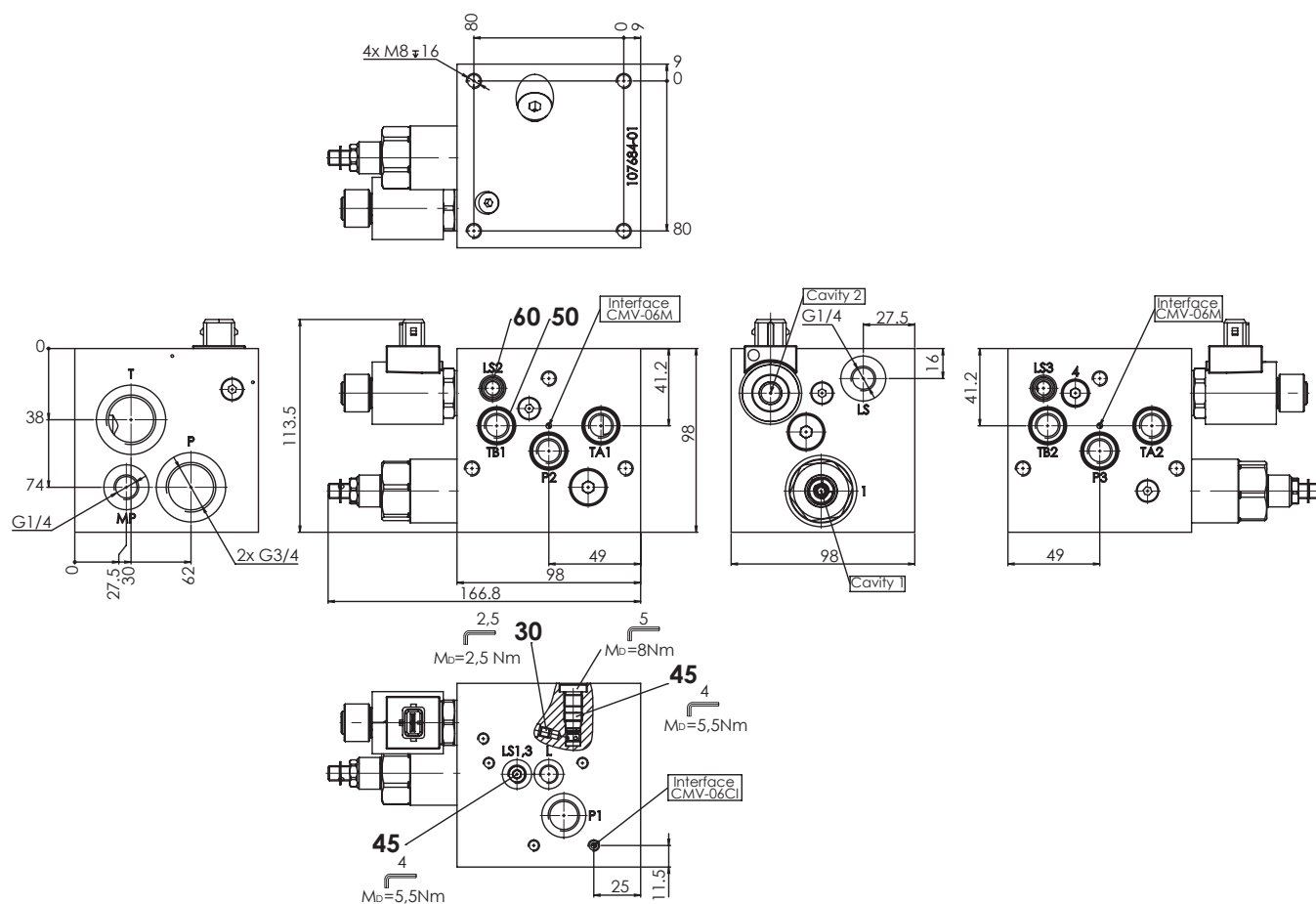
Designation	Link	Data sheet no.
Bypass pressure compensator cartridge	UB_PU12	2.5-675
Bypass pressure compensator cartridge with pressure relief	UC_PU12	2.5-681
Priority valve	UPFPU12	2.5-691



EXEMPLARY DIAGRAM



DIMENSIONS

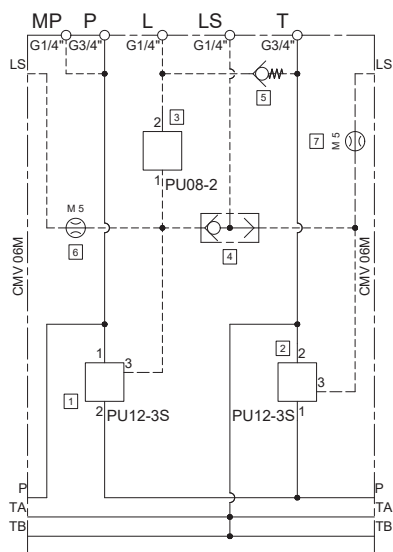




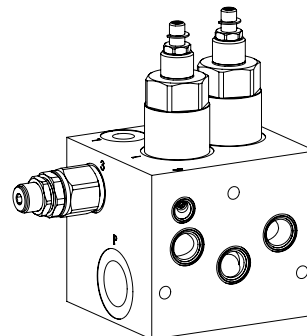
3.8 INLET SECTION INTERMEDIATE PRIORITY WITH CAVITIES: 2x PU12-3S; 1x PU08-2

	CMV	A	-	IS06	-	P	-	06M	-	06M	-	A	-	A	-	8	-	8	-	D0	#	1
Material																						
A		Aluminium																				
S		Steel																				
Module design																						
LS06		Inlet Section Intermediate																				
Module function																						
P		Prio with cavities: 2x PU12-3S; 1x PU-08-2																				
Module interface lateral right																						
06M		CMV 06M																				
Module interface lateral left																						
06M		CMV 06M																				
Port connections																						
A		P,T = G3/4"; MP, L, LS = G1/4"																				
Surface protection																						
A		Alu without protection																				
Orifice M5 Pos. 6																						
8		0.8 mm																				
Orifice M5 Pos. 7																						
8		0.8 mm																				
Seal Type																						
D0		Seals NBR																				
Design index (subject to change)																						

HYDRAULIC DIAGRAM

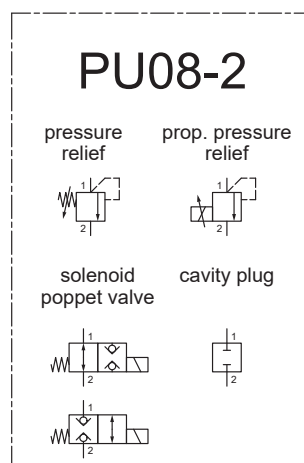


3D-MODEL



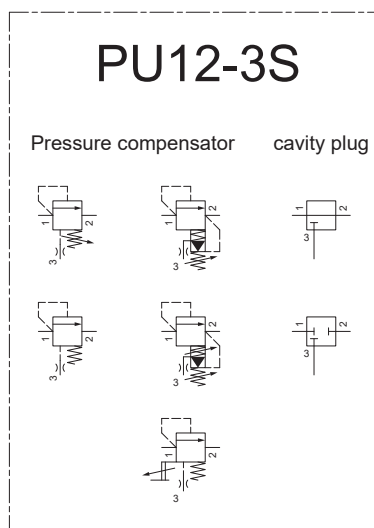
AVAILABLE VALVES FOR CAVITY PU08-2, POS. 3

Designation	Link	Data sheet no.
Pressure relief cartridge direct operated, leakage free	BESPU08	2.3-525
Proportional pressure relief cartridge direct operated	BDPPU08	2.6-551
Poppet valve direct operated	SDEPU08	1.11-205B

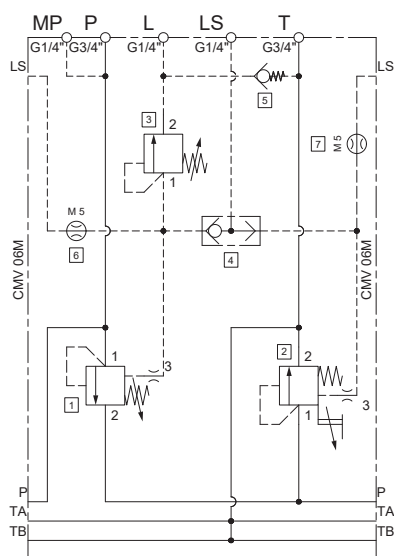


AVAILABLE VALVES FOR CAVITY PU12-3S, POS. 1+2

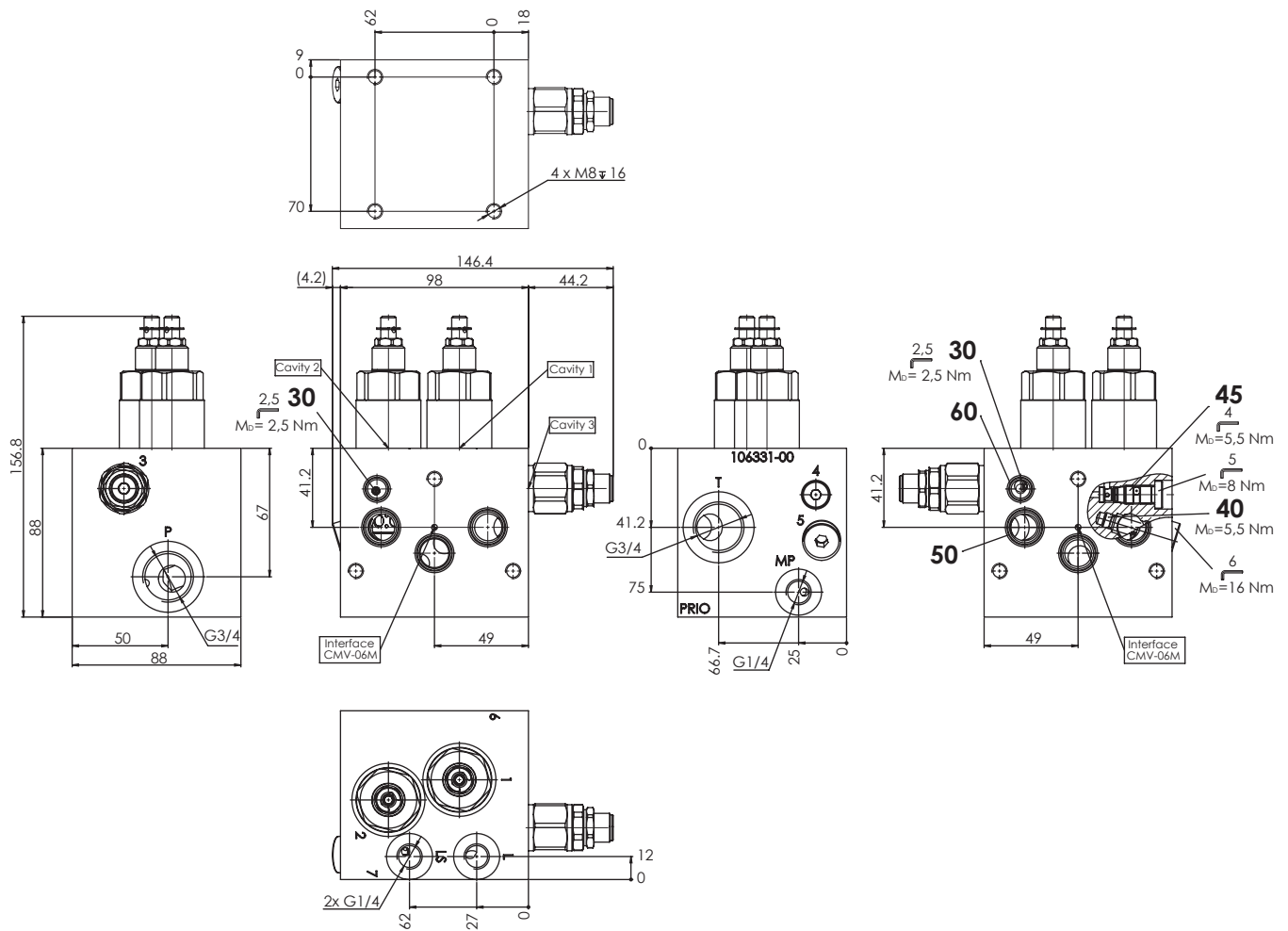
Designation	Link	Data sheet no.
Bypass pressure compensator cartridge	UB_PU12	2.5-675
Bypass pressure compensator cartridge with pressure relief	UC_PU12	2.5-681
Priority valve	UPFPU12	2.5-691



EXEMPLARY DIAGRAM



DIMENSIONS



3.9 INLET SECTION INTERMEDIATE PMV16 TO CMV06 WITH CAVITIES: 1x PU10-3S; 1x PM24-3; 1x PM22-2B; 1x PU08-2

CMV - S - IS16 - A - 06M - 16M - A - K8 - 8 - D0 # 1

Material

A Aluminium
S Steel

Module design

IS16 Inlet Section Intermediate

Module function

A PMV16 to CMV06 with cavities:
1x PU10-3S; 1x PM24-3; 1x PM22-2B; 1x PU08-2

Module interface lateral right

06M CMV 06M

Module interface lateral left

16M PMV 16M

Port connections

A P,T = G1"; MP, MP1, LS = G1/4"
P1= G3/8"; LS1, L = G1/8" (CMV 06CI)

Surface protection

K8 Zinc-nickel coated

Orifice M5 Pos. 6

8 0.8 mm

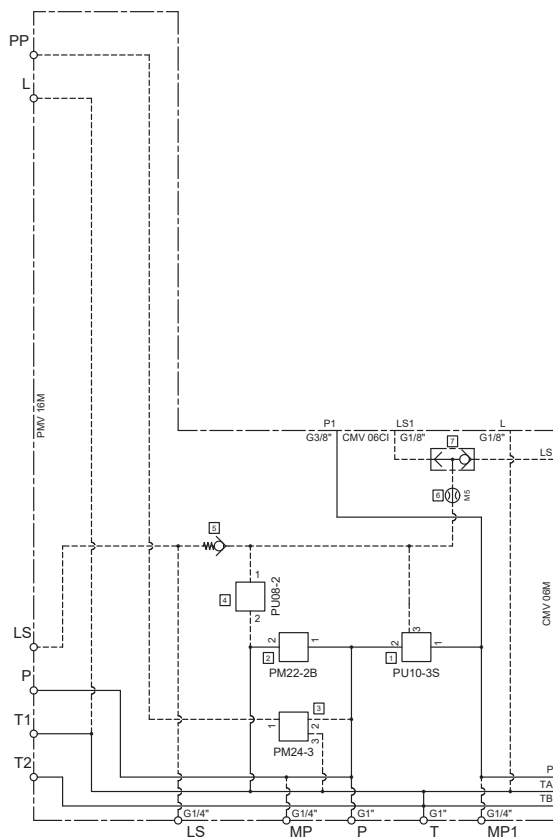
Seal Type

D0 NBR

Design index (subject to change)

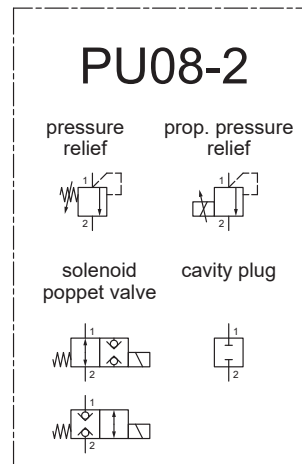
HYDRAULIC DIAGRAM
3D-MODEL

IN PREPARATION

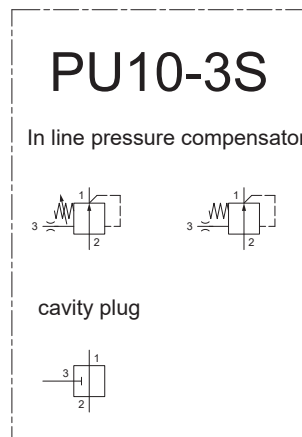


AVAILABLE VALVES FOR CAVITY PU08-2, POS. 4

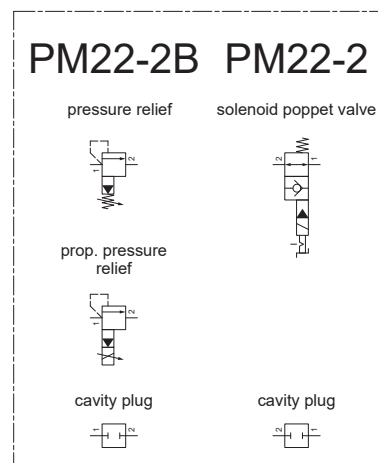
Designation	Link	Data sheet no.
Pressure relief cartridge direct operated, leakage free	BESPU08	2.3-525
Proportional pressure relief cartridge direct operated	BDPPU08	2.6-551
Poppet valve direct operated	SDEPU08	1.11-205B


AVAILABLE VALVES FOR CAVITY PU10-3S, POS. 1

Designation	Link	Data sheet no.
Inline pressure compensator valve	-	2.5-672

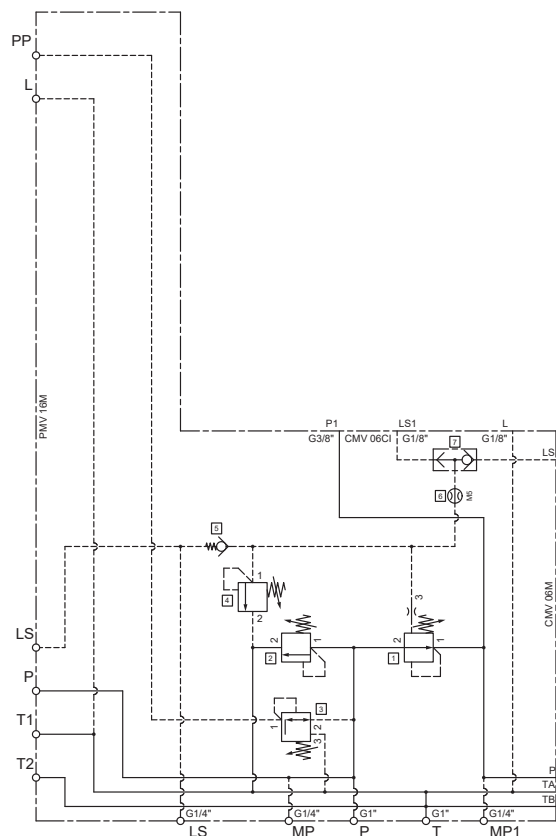

AVAILABLE VALVES FOR CAVITY PM22-2B, POS. 2

Designation	Link	Data sheet no.
Pressure relief cartridge	BV_PM22	2.1-530
Proportional pressure relief cartridge inverse	BVIPM22	2.3-258
Proportional pressure relief cartridge	BVPPM22	2.3-529


AVAILABLE VALVES FOR CAVITY PM24-3, POS. 3

IN PREPARATION

EXEMPLARY DIAGRAM

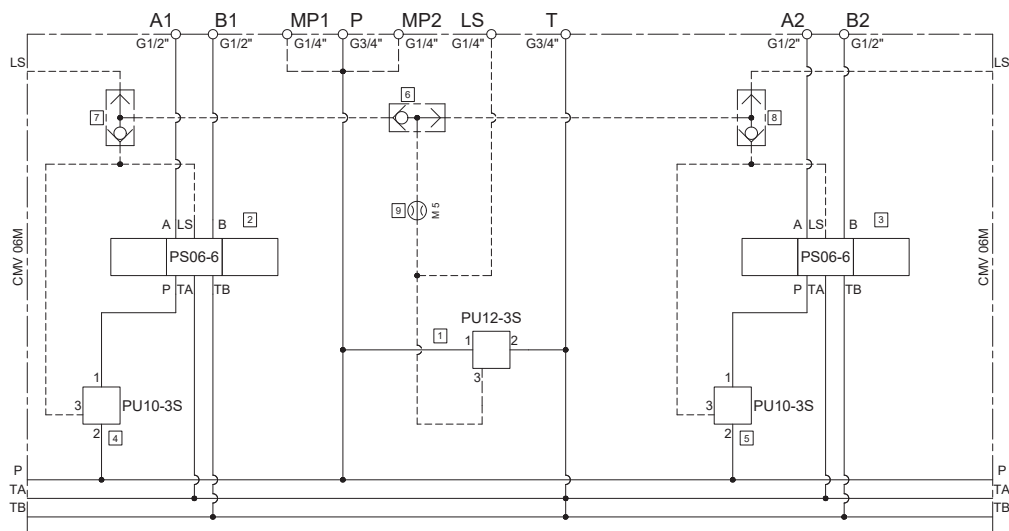
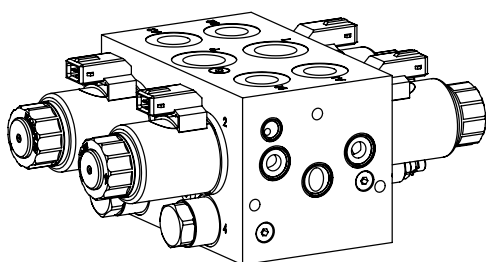


DIMENSIONS

IN PREPARATION

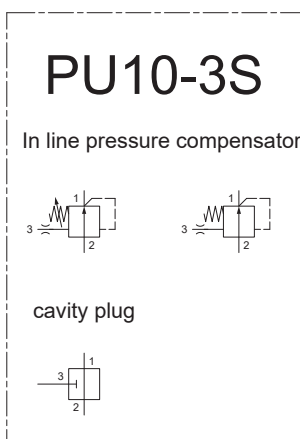
3.10 INLET MONO INTERMEDIATE BDW 2x LS WITH CAVITIES: 1x PU12-3S; 2x PU-10-3S; 2x PS06-6

	CMV	A	-	IM06	-	A	-	06M	-	06M	-	A	-	A	-	8	-	D0	#	1
Material																				
A	Aluminium																			
S	Steel																			
Module design																				
IM06	Inlet Mono LIntermediate																			
Module function																				
A	BDW2xLS with cavities:1x PU12-3S; 2x PU-10-3S; 2x PS06-6																			
Module interface lateral right																				
06M	CMV 06M																			
Module interface lateral left																				
06M	CMV 06M																			
Port connections																				
A	P,T = G3/4"; MP1, MP2, LS = G1/4"																			
	A1, B1, A2, B2 = G1/2"																			
Surface protection																				
A	Alu without protection																			
Orifice M5 Pos. 9																				
8	0.8 mm																			
Seal Type																				
D0	NBR																			
Design index (subject to change)																				

HYDRAULIC DIAGRAM

3D-MODEL


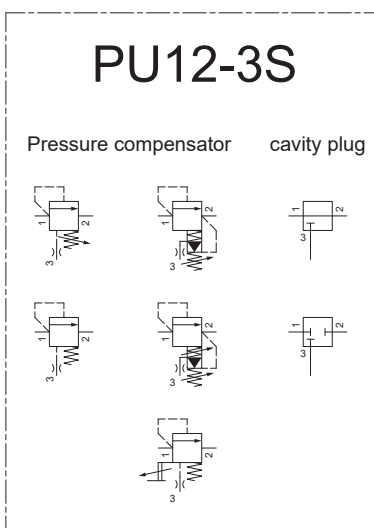
AVAILABLE VALVES FOR CAVITY PU10-3S, POS. 4+5

Designation	Link	Data sheet no.
Inline pressure compensator valve	UI_PU10	2.5-672



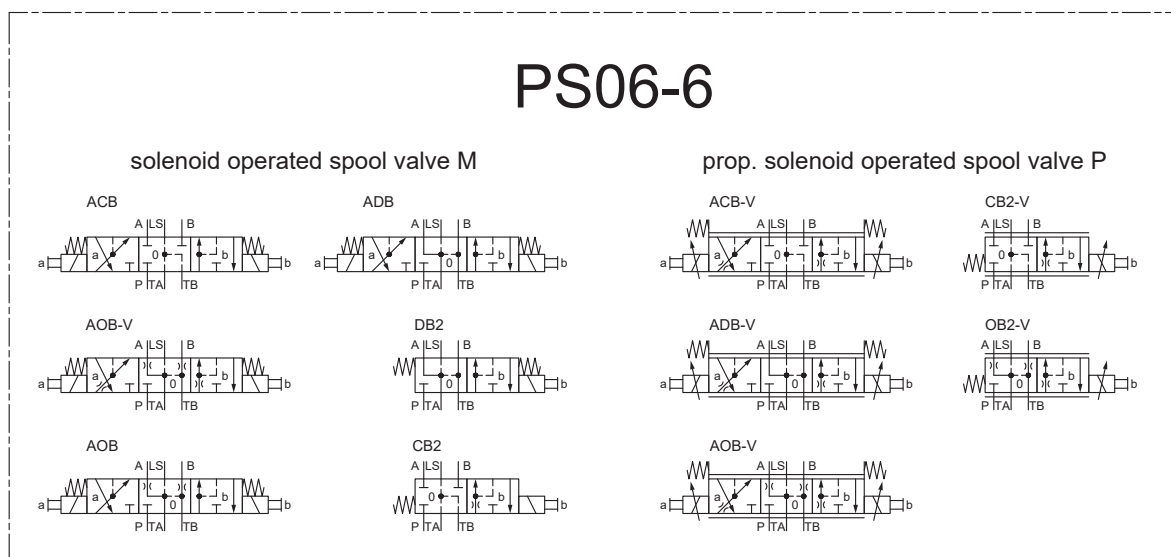
AVAILABLE VALVES FOR CAVITY PU12-3S, POS. 1

Designation	Link	Data sheet no.
Bypass pressure compensator cartridge	UB_PU12	2.5-675
Bypass pressure compensator cartridge with pressure relief	UC_PU12	2.5-681
Priority valve	UPFPU12	2.5-691

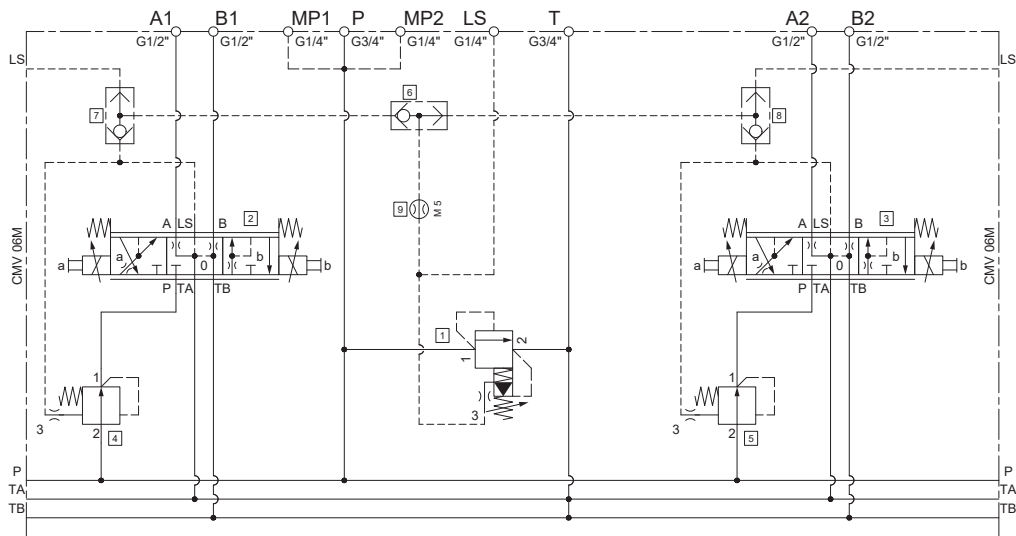


AVAILABLE VALVES FOR CAVITY PS06-6, POS. 2+3

Designation	Link	Data sheet no.
CMVA-MA06-...-M	MA06-M	4.1-15
CMVA-MA06-...-P	MA-06-P	4.1-10



EXEMPLARY DIAGRAM



DIMENSIONS

