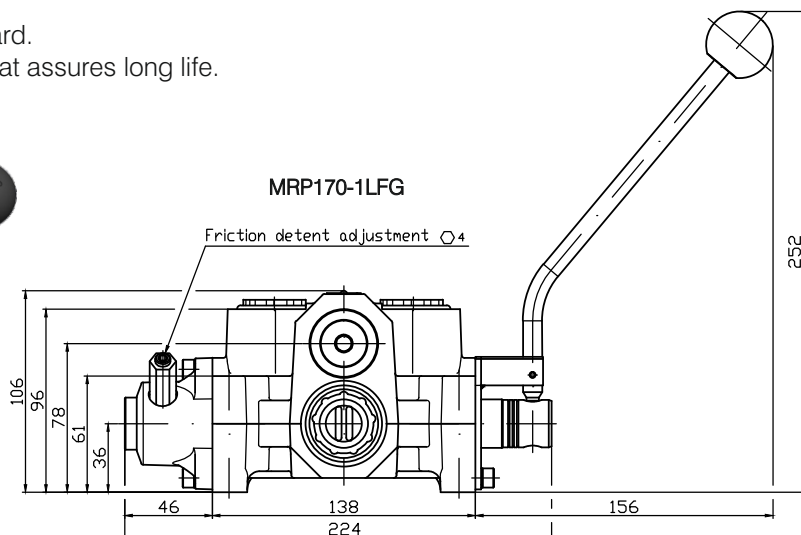
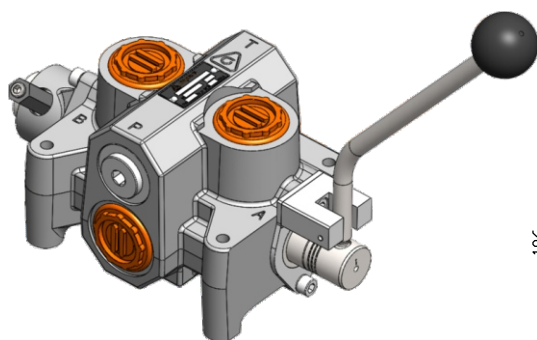


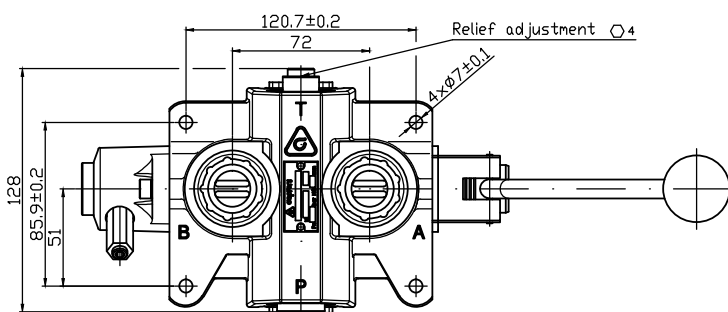
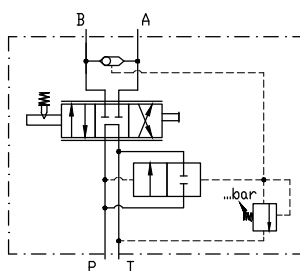
GENERAL DESCRIPTION

List: MRP170-1-Jan 2017

1. The valve type MRP170 incorporates the features of a 4-way directional control valve , an adjustable full range pressure compensated by-pass type flow control valve and a pilot operated pressure relief valve all in one compact package.
2. Less fittings and plumbing , eliminates leakage points.
3. Fine positive metering is possible in either direction with one manually adjustable , infinitely variable lever controlling both direction and amount of flow. Amount of flow is proportional to movement of the lever.
4. Flow is constant regardless of pressure variations , thus flow out the work port remains smooth and constant regardless of changes in load conditions.
5. An externally adjustable pilot relief is standard.
6. Precision ground chromium plated spool that assures long life.



Hydraulic scheme:


TECHNICAL DATA

DATA	UNIT	VALUE/RANGE
Rated flow	l/min	170
Rated pressure P , A & B T	bar	210 30
Pressure control valve setting range	bar	30...300
Spool working stroke	mm	$\pm 8,5$
Working liquid - hydraulic oils with parameters: -viscosity -recommended viscosity -temperature -degree of filtration	mm ² /sec (cSt) mm ² /sec (cSt) °C mm	15...300 20...80 -20...+80 0,025
Leakage at p=100bar t=40°C ; 46cSt	cc/min	60
Weight	kg	7



We reserve the right to change specifications without notice.

www.caproni.bg

MRP170-1-Jan 2017

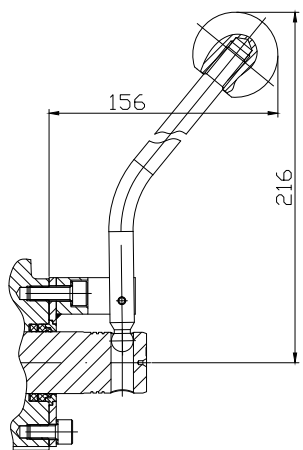
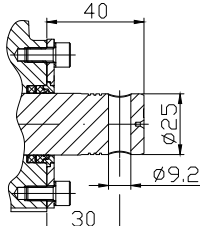
ORDERING CODE

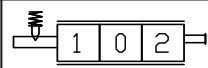
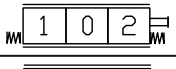
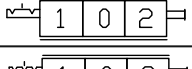


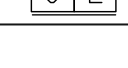
MRP170 - 1 L F G T

spools	Code
	1
	2

Code	application
omit	Normal
T	Tropical (Stainless Steel Spool and Lever, Painted Body)

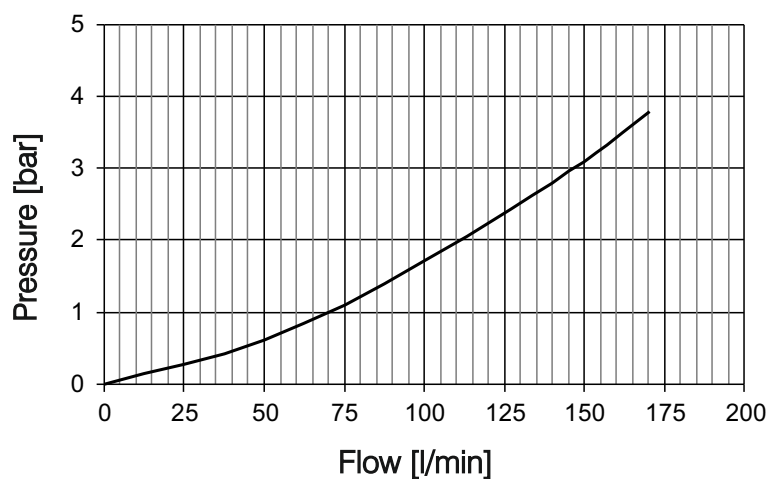
standard port threads	
Code	P, A, B, T
G	G1"
N	3/4"-14NPT
U	1"5/16-12UN

operation control	Code
with standard hand lever  156 216	L
without lever with dust-proof plate  40 30 ø9,2	Z

Code	spool control
F	 Friction detent with neutral position detent
1	
2	
3	
4	
5	

PERFORMANCE CURVE

Neutral Flow Pressure Drop



CONDITIONS:
 $\Delta P = f(Q)$
 36 cSt oil viscosity
 $T = 40^\circ\text{C} (104^\circ\text{F})$