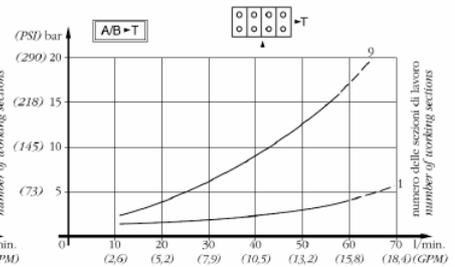
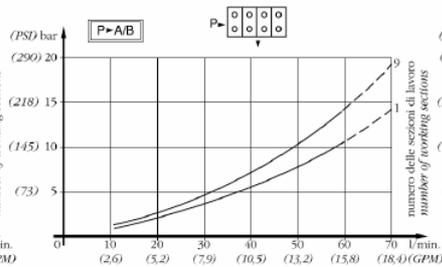
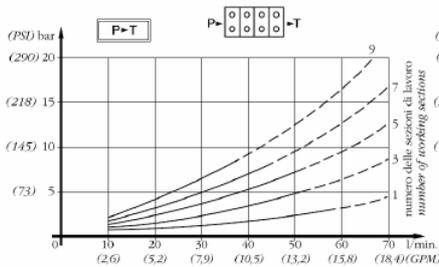
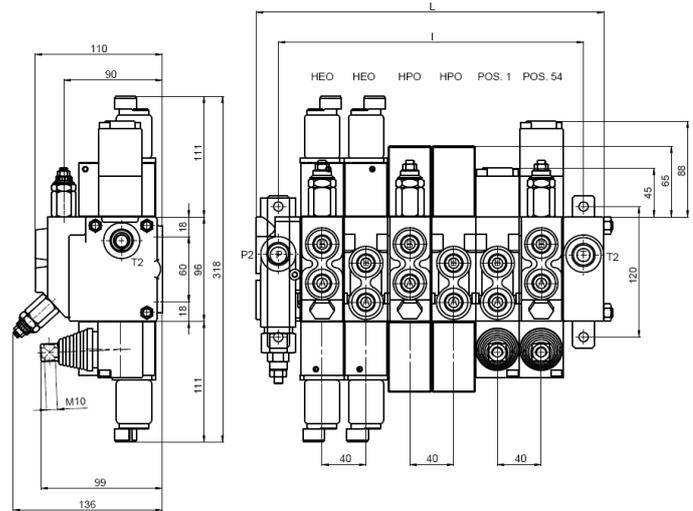
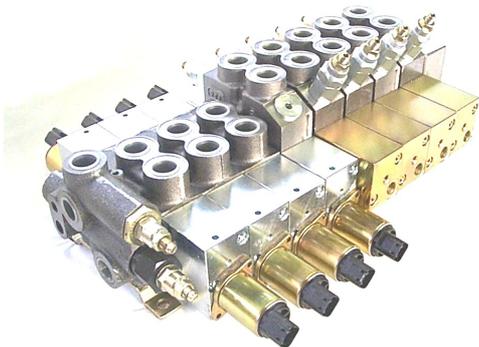


## TECHNICAL CHARACTERISTICS



NUMBER OF SECTIONS	L	I
BC60/ 1	114	77
BC60/ 2	154	117
BC60/ 3	194	157
...	...	...

TECHNICAL CHARACTERISTICS		
NOMINAL FLOW	60 l/min	16 GPM
MAX FLOW	70 l/min	18 GPM
NOMINAL PRESSURE	250 bar	3600 PSI
MAX PRESSURE ON PORTS	320 bar	4700 PSI
MAX PRESSURE IN TANK-LINE	40 bar	550 PSI

## STANDARD THREADS

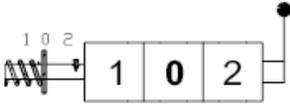
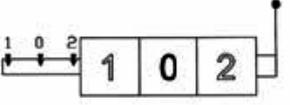
	A - B	P	T	P2	T2
G (BSP)	1/2"	1/2"	1/2"	1/2"	1/2"
F (UNF)	7/8" - 14	7/8" - 14	7/8" - 14	7/8" - 14	7/8" - 14

## SPOOL TYPE

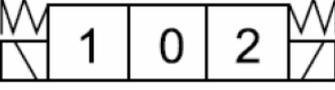
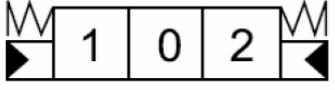
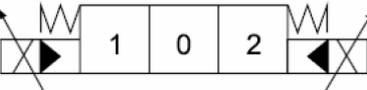
	<p>■ <b>TYPE A</b></p>	<p>4-WAY / 3-POSITION SPOOL. Provides control of double-acting cylinders or birotational hydraulic motors where free-wheeling is not required. Work ports are blocked in neutral position, and the oil goes through the open center passage to the next spool of a multi-spool valve or the power beyond of single spool valve. This is the most popular spool option.</p>	<p><b>COD. 560658</b></p>
	<p>■ <b>TYPE B</b></p>	<p>4-WAY / 3-POSITION SPOOL. Provides control of single-acting cylinders or start and stop of unidirectional hydraulic motors where free-wheeling of motors is not required. The work ports is blocked in neutral position, and the oil goes through the open center passage to the next spool of a multi-spool valve or the power beyond of single spool valve. The B-part is plugged for this option.</p>	<p><b>COD. 560661</b></p>
	<p>■ <b>TYPE D</b></p>	<p>4-WAY / 3-POSITION SPOOL OPEN CENTER MOTOR SPOOL. Provides for control of double-acting cylinders or birotational hydraulic motors. Free flow spool allows a cylinder to drift or a motor to coast when the valve spool is in neutral position. Work ports are open to the tank port when the spool is in neutral. In neutral the oil goes through the open center passage to the next spool of a multi-spool valve or the power beyond of single spool valve.</p>	<p><b>COD. 560660</b></p>
	<p>■ <b>TYPE K</b></p>	<p>4-WAY / 4-POSITION OPEN CENTER FLOAT SPOOL. This spool is the same as the 4-way, 3-position spool, with the addition of a fourth "Float position". This spool is spring-centered to neutral from the "A" or "B" work port power position. The fourth position is the detented "Float" position which allows cylinder to float or a motor to free wheel.</p>	<p><b>COD. 560787</b></p>

## SPOOL CONTROL

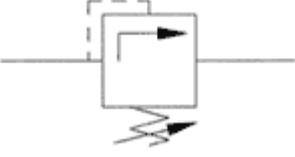
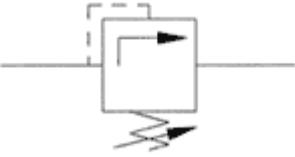
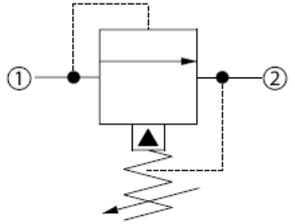
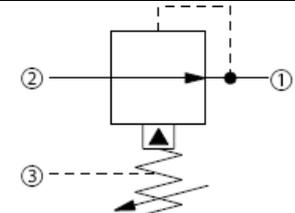
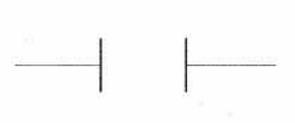
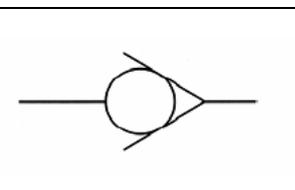
	<p>■ <b>SPOOL CONTROL 1</b></p>	<p>3 POSITION SPRING CENTER TO NEUTRAL. This option has position and a spring that returns the spool to neutral when the handle is released.</p>	<p><b>COD. 802046</b></p>
	<p>■ <b>SPOOL CONTROL 2</b></p>	<p>3 POSITION SPRING CENTERED IN POSITION 2. This option detent in position 1 and spring returns to neutral from position 2.</p>	<p><b>COD. 802324</b></p>

	■ <b>SPOOL CONTROL 3</b>	3 POSITION SPRING CENTERED IN POSITION 2. This option detent in position 2 and spring returns to neutral from position 1.	<b>COD. 802323</b>
	■ <b>SPOOL CONTROL 8</b>	3 POSITION DETENT. This option provides three detented position. The spool will remain in any of the three position in which it is manually placed.	<b>COD. 802321</b>
	■ <b>SPOOL CONTROL 54</b>	4 POSITION DETENT IN POSITION 3. This option provides for spring center to neutral from either work position. It also provides a 4th position, float detent. The float detent is reached by pulling the spool out as far as it will go. In the float position both work ports are open to return. This allows a cylinder to drift or float. This option is available only whit spool option K.	<b>COD. 802320</b>

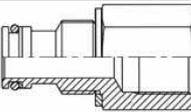
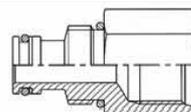
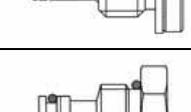
## ACTUATORS

	■ <b>MANUAL MO</b>	Manual lever control for manual operation. Features 2 angles 90° – 180°.	<b>COD. 801221</b>
	■ <b>MANUAL WITHOUT LEVER MW</b>	Manual control without the lever handle.	<b>COD. 801220</b>
	■ <b>JOYSTICK JS</b>	The joystick will operate two spool with lever handle. Two spool can be operated independently or simultaneously.	<b>COD. 801212</b>
	■ <b>ELECTRIC EO</b>	Electric operator on - off	<b>12 VDC COD. 801519</b> <b>24 VDC COD. 801520</b>
	■ <b>HYDRAULIC HO</b>	Hydraulic operator on - off	<b>COD. 801098</b>
	■ <b>PROPORTIONAL HYDRAULIC HPO</b>	Proportional hydraulic operator	<b>COD. 801207</b>
	■ <b>PROPORTIONAL ELECTRIC HYDRAULIC HEO</b>	Proportional electric hydraulic operator	<b>12 VDC COD. 801210</b> <b>24 VDC COD. 801216</b>

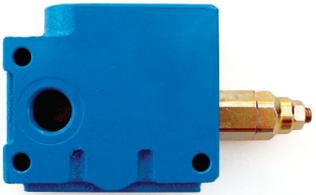
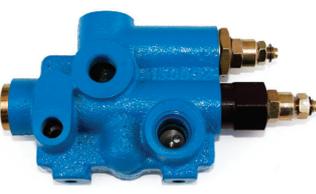
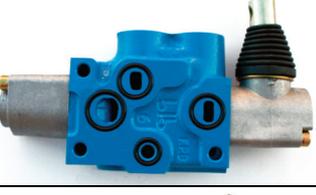
## RELIEF VALVE

	<p>■ RELIEF VALVE X</p>	<p>Pressare range 10 ÷ 90 bar Standard relief setting 70 bar</p> <p>Low pressure adjustable back spring relief valve. The pressure rating is based up on a pre-set flow of 8 l/min.</p>	<p><b>COD. 803060</b></p>
	<p>■ RELIEF VALVE U</p>	<p>Pressare range 100 ÷ 250 bar Standard relief setting 140 bar</p> <p>High pressure adjustable back spring relief valve. The pressure rating is based up on a pre-set flow of 8 l/min.</p>	<p><b>COD. 803061</b></p>
	<p>■ PILOT RELIEF VALVE Y</p>	<p>Pilot relief valve for proportional electric hydraulic applications.</p>	<p><b>COD. 030828</b></p>
	<p>■ PRESSURE REDUCING VALVE RF</p>	<p>Pressure reducing valve for proportional electric hydraulic applications.</p>	<p><b>COD. 030826</b></p>
	<p>■ RELIEF VALVE PLUG RVP</p>	<p>This option provides for no built in relief valve. This option can be used with closed center system where a relief is not required.</p>	<p><b>COD. 832010</b></p>
	<p>■ KIT VNR</p>	<p>The load check feature is standard on all BLB monoblock valves. Each valve has only one load check. The load check will prevent the fall of a cylinder as the spool is shifted. It also prevent the backflow of oil from the work port to the inlet.</p>	<p><b>COD. 560331</b></p>

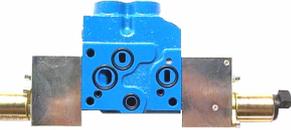
## OUTLET PLUGS

	<p>■ CARRY OVER CO</p>	<p>Plug CO 1/2" GAS</p>	<p><b>COD. 832004</b></p>
	<p>■ CARRY OVER CO</p>	<p>Plug CO 7/8" – 14 UNF</p>	<p><b>COD. 832006</b></p>
	<p>■ CLOSED CENTER PLUG CCP</p>	<p>Plug CCP 1/2" GAS</p>	<p><b>COD. 832007</b></p>
	<p>■ CLOSED CENTER PLUG CCP</p>	<p>Plug CCP 7/8" – 14 UNF</p>	<p><b>COD. 832008</b></p>

## ELEMENTS

	<ul style="list-style-type: none"> <li>■ BC60 TE GU</li> </ul>	Inlet	COD. 805011
	<ul style="list-style-type: none"> <li>■ BC60 TE GU DV</li> </ul>	Inlet with dump valve	COD. 805086
	<ul style="list-style-type: none"> <li>■ BC60 TE RPHE GY</li> </ul>	Inlet with pressure reducing valve for proportional electric hydraulic applications	COD. 805019
	<ul style="list-style-type: none"> <li>■ BC60 TE RP GY</li> </ul>	Inlet with pressure reducing valve for proportional hydraulic applications	COD. 805008
	<ul style="list-style-type: none"> <li>■ BC60S G /MO A1/</li> </ul>	Standard element	COD. 806767
	<ul style="list-style-type: none"> <li>■ BC60V G /MO A1 RVPAB/</li> </ul>	Element for auxiliary valves	COD. 806768
	<ul style="list-style-type: none"> <li>■ BC60V G /MO A1 VLAB/</li> </ul>		COD. 806786
	<ul style="list-style-type: none"> <li>■ BC60 TU G</li> </ul>	Outlet	COD. 805012
	<ul style="list-style-type: none"> <li>■ BC60TU RPHE G</li> </ul>	Outlet for proportional electric hydraulic applications	COD. 805091

## ELEMENTS HYDRAULICS AND ELECTRO-HYDRAULICS

	<ul style="list-style-type: none"> <li>■ BC60S G /HPO A/</li> </ul>	<p>Standard hydraulic element</p>	<p><b>COD. 806279</b></p>
	<ul style="list-style-type: none"> <li>■ BC60V G /HPO A RVPAB/</li> </ul>	<p>Hydraulic element with ports relief valves</p>	<p><b>COD. 806803</b></p>
	<ul style="list-style-type: none"> <li>■ BC60V G /HPO A VLAB/</li> </ul>		<p><b>COD. 806285</b></p>
	<ul style="list-style-type: none"> <li>■ BC60S 12VDC G /HEO A1/</li> </ul>	<p>Proportional electro-hydraulic element</p>	<p><b>COD. 807174</b></p>
	<ul style="list-style-type: none"> <li>■ BC60V 12VDC G /HEO A1 RVPAB/</li> </ul>	<p>Proportional electro-hydraulic element with ports relief valves</p>	<p><b>COD. 807184</b></p>
	<ul style="list-style-type: none"> <li>■ BC60V 12VDC G /HEO A1 VLAB/</li> </ul>		<p><b>COD. 807179</b></p>