



Directional Control Valves



Mono Block Directional Control Valve

Basic Specification				Options (X=available)						
Valve Range	No of spools	Lit/min		Rotary Spool	Pneumatic		Hydraulic		Electric	
					On/off	Prop'l	On/off	Prop'l	On/off	Prop'l
101	1	40	3/8"							
102	1 to 6	40	3/8"	X	X	X				
1102	1 to 2	60	1/2"	X	X	X				
504	1 to 4 *	60	3/8"	X	X	X	X	X	X	X
1504	1 to 4 *	80	1/2"	X	X	X	X	X	X	X
*=6 to follow										



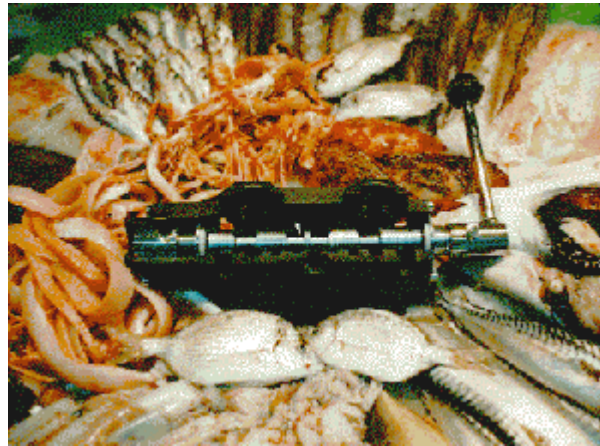
Slice Valves in six ranges, all rated to 350 bar

Basic Specification				Options (X=available)							
Valve Range	No of slices	Lit/min	Ports BSP	Rotary Spool	Pneumatic		Hydraulic		Electric		
					On/off	Prop'l	On/off	Prop'l	On/off	Prop'l	
402	8+	50	3/8"	X	X	X	X	X	X	X	
1402	8+	50	1/2"	X	X	X	X	X	X	X	
406	8+	80	1/2"	X	X	X	X	X	X	X	
1406	8+	80	3/4"	X	X	X	X	X	X	X	
407	8+	150	3/4"	X	X	X	X				
1408	8+	300	1"	X	X	X	X				

- 🔧 Closed center and HPCO adaptors available
- 🔧 Spools hard chrome plated
- 🔧 Load checks on each section
- 🔧 Lots of spool positioning systems
- 🔧 SAE port options

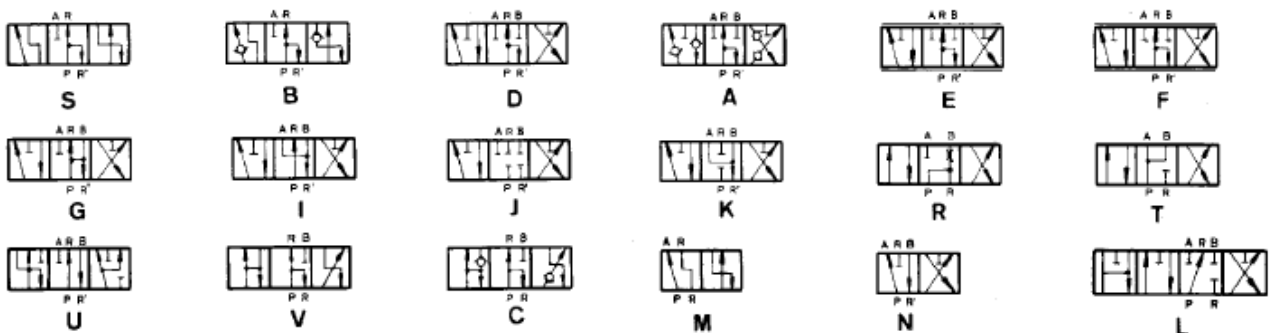


Rotary Spool Valves



This range of valves features a rotary lever action for combined **directional** and **speed control of winches**. The spool maintains its set position and, as these valves are mainly used in **arduous applications** such as on **fishing winches**, the spools are made from stainless steel. A range of sizes are available between 40 Lit/min and 300 Lit/min at 350 bar.

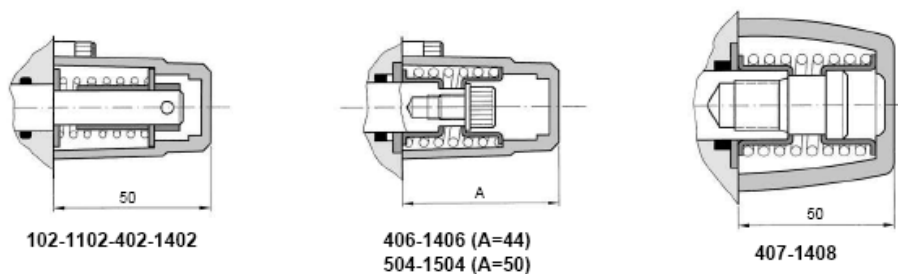
Sistemas de distribución standard Standard spool types



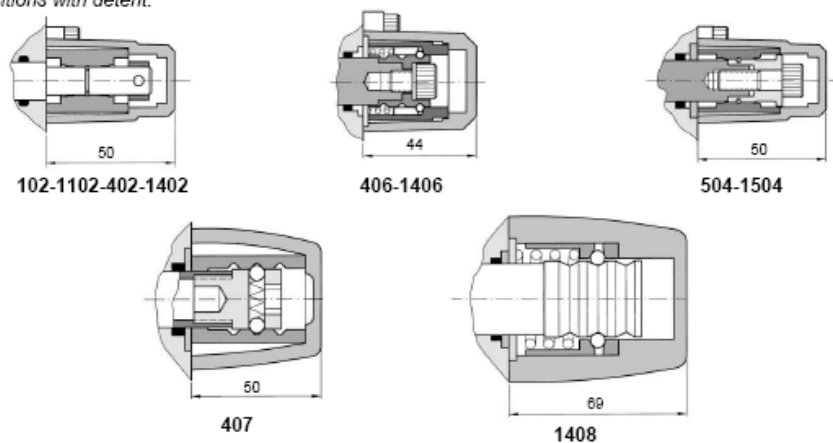
NOTA: La corredera tipo "F" sensibilizada es igual al tipo "E" pero comunicando la toma con retorno antes de iniciarse la presión. No aconsejable para aguantar cargas.
NOTE: Spool "F" proportional is as spool "E" but connecting cylinder port and exhaust before connection with pressure. Not advisable for holding loads.

Spool Positioning Device

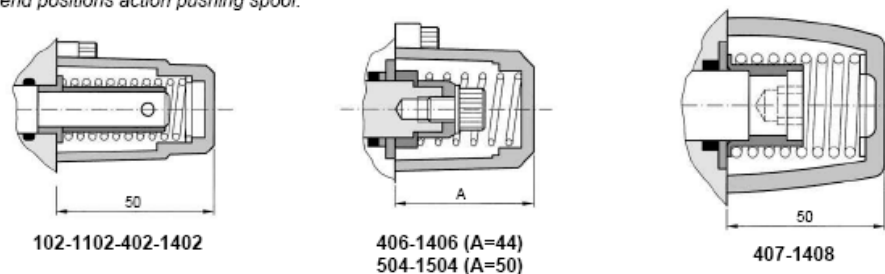
- 1** Tres posiciones recuperación por muelle.
Three positions return to neutral by spring.



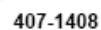
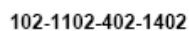
- 2** Tres posiciones con anclajes.
Three positions with detent.



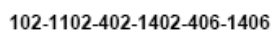
- 3** Dos posiciones extremas empujando corredera.
Two end positions action pushing spool.



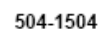
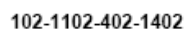
- 4



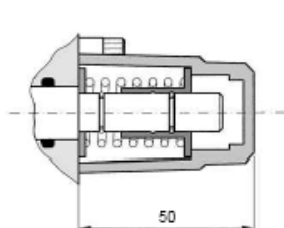
- 5**



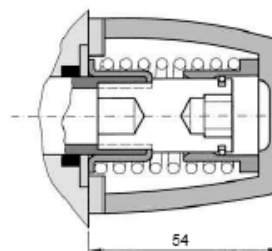
- 6



- 7** Dos posiciones con anclajes y la tercera por muelle.
Two positions with detent third by spring.

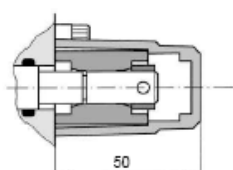


102-1102-402-1402

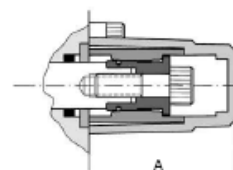


407

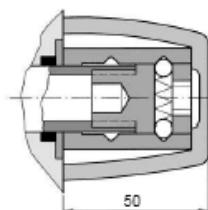
- 9** Dos posiciones extremas con anclajes.
Two ends positions with detent.



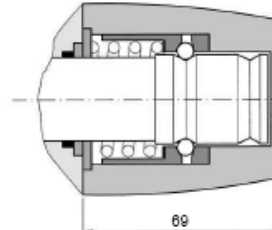
102-1102-402-1402



406-1406 (A=44) 504-1504 (A=50)

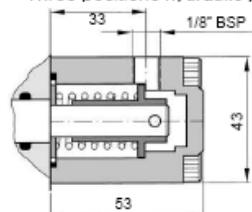


407

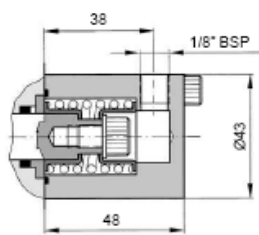


1408

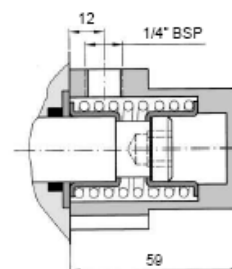
- 17** Tres posiciones por pilotaje hidráulico.
Three positions hydraulic piloted.



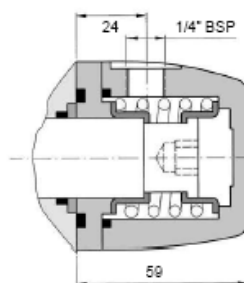
102-1102-402-1402



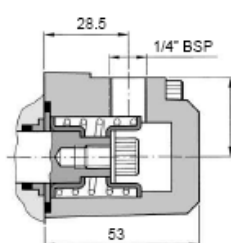
504-1504



407



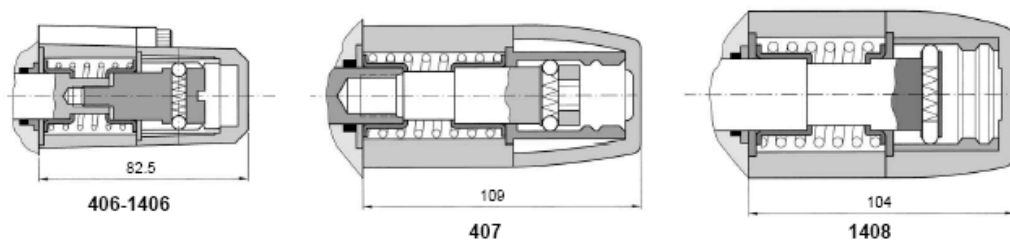
1408



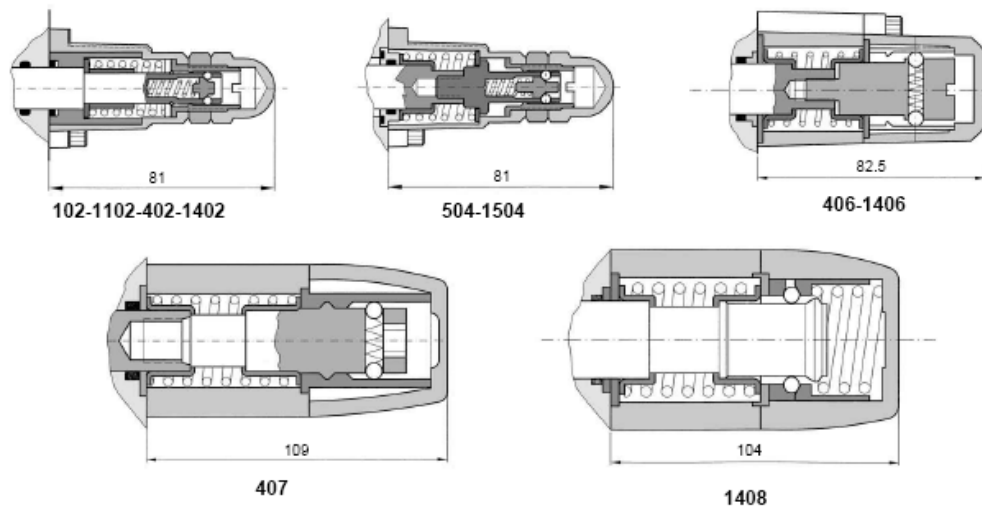
406-1406

Tipo distribuidor Control valves type	Presión de pilotaje con muelle 5-175 bar Pilot pressure required with spring 5-175 bar	
	Presión mínima Min. pressure	Presión máxima Max. pressure
102-1102 402-1402	12 bar	30 bar
406-1406 504-1504	15 bar	
407	18 bar	
1408	18 bar	

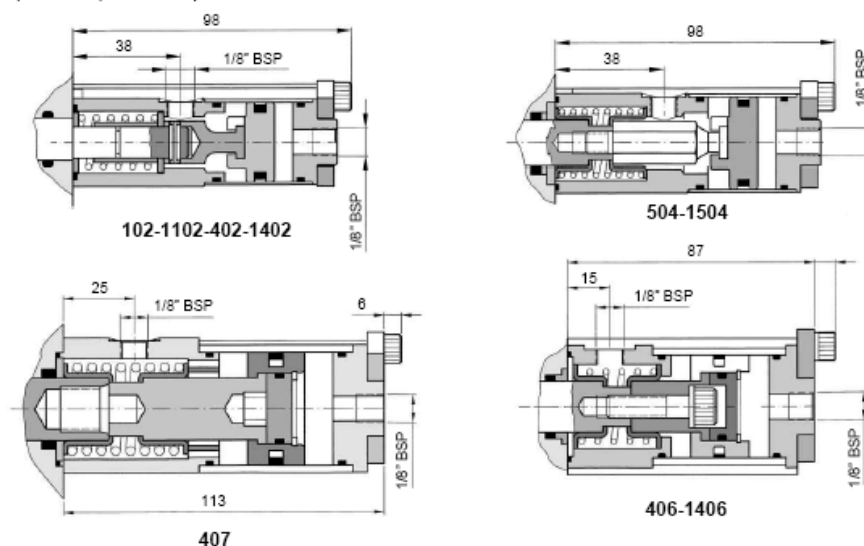
- 19** Cuatro posiciones tres normales y la cuarta anclada empujando corredera.
Four positions three return by spring the fourth detented pushing spool.



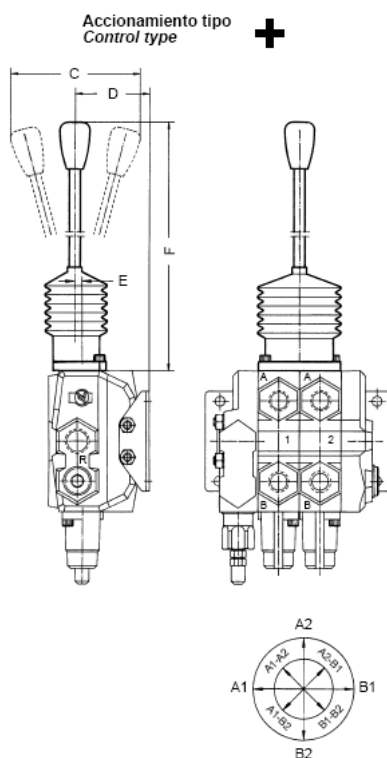
- 20** Cuatro posiciones tres normales y la cuarta anclada tirando corredera.
Four positions three return by spring the fourth detented pulling spool.



- 22** Tres posiciones por pilotaje neumático.
Three positions pneumatic pilot.



Accionamiento por palanca múltiple
Joystick control



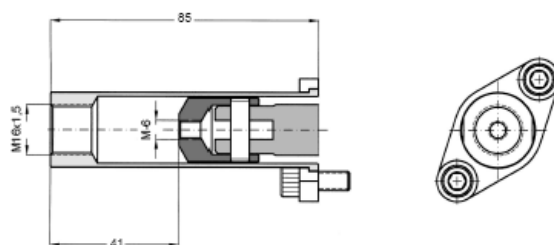
Tipo distribuidor Control valves type	C	D	E	F
102-1102	135	32,5	10	361
402-1402		67,5	6,5	
406-1406	260	71	8	390
504-1504				

NOTA: La letra "C" indica el diámetro máximo que describen las palancas en sus diferentes posiciones de accionamiento.

"C" indicates the diameter of possible movement of the handles.

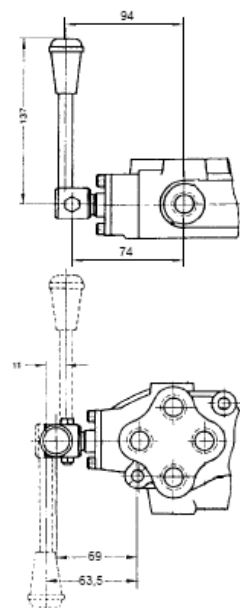
Accionamiento por cable Tipo I
Cable control type I

Distribuidores tipo
Control valves type **402 - 1402 - 406 - 504 - 1504**

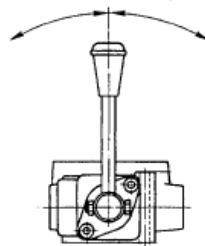


Detalle distribuidores con palanca rotativa (sólo accionamiento 35)
Detail stainless steel spool control valve (only control type 35)

102-1102

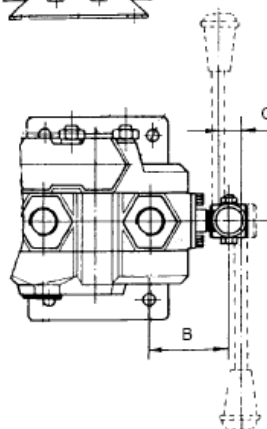
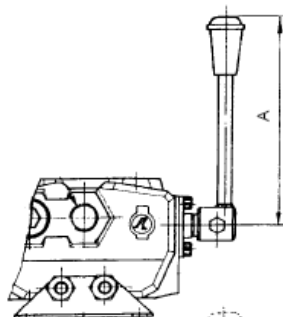
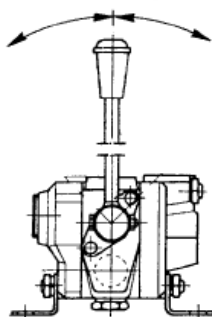


Giro de 90° en ambos lados y mantiene posición
 Lever turns and holds position



Corredera de acero inoxidable
 Stainless steel spool

Giro de 90° en ambos lados y mantiene posición
 Lever turns and holds position



Modelo Type	A	B	C
402-1402	137	52,5	11
406-1406	137	63,5	14
407	153	98	18
1208	205	94	22

Correderas de acero inoxidable.
 Stainless steel spool.