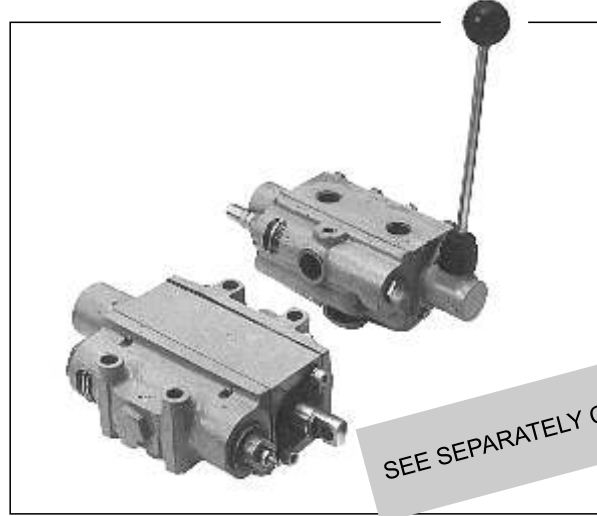


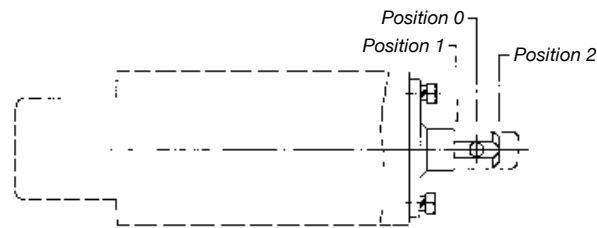
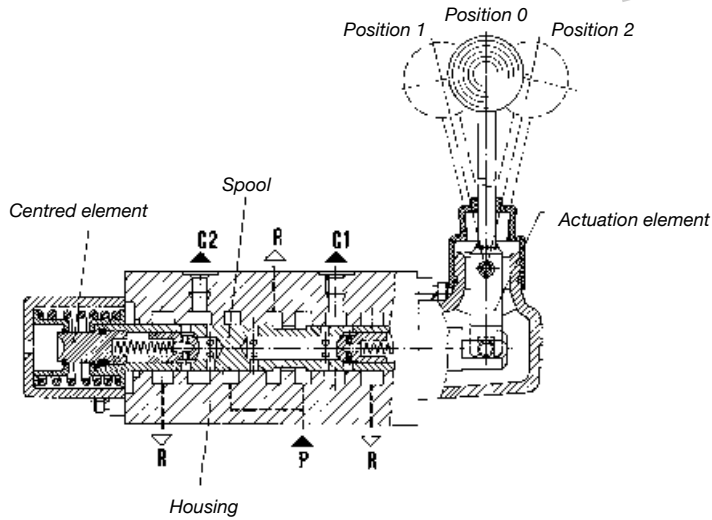
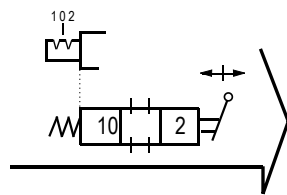
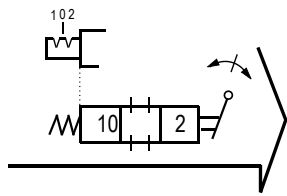
SPOOL TYPE, HAND OPERATED

- Simple design with axially sliding spool
- Parallel and tandem circuit
- Sectional piston elements can be built-in sandwich system with or without relief valve
- Numerous combinations and variations of the fluid distribution
- Applicable for heavy duty operations (e. g. building - construction and agriculture machines etc.)
- Long life

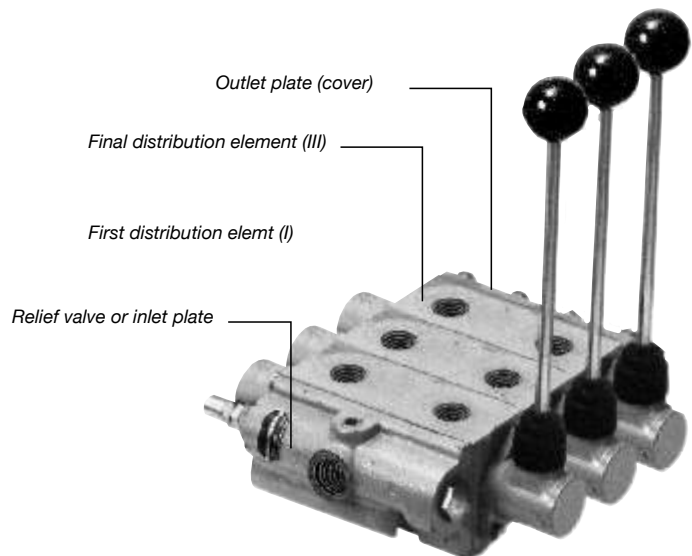


SEE SEPARATELY CATALOGUE

SECTION - MODE OF OPERATING



DISTRIBUTION ELEMENTS - SET (EXAMPLE)



E

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TECHNICAL DATA

GENERAL

Nominal size	6	10	12	16	20	25
Symbol	See mounting drawing					
Mounting position	Optional					
Ambient temperature (°C)	...+50					
No. of distribution elements	max 10					
Type of circuit	Parallel	Parallel Tandem	Tandem	Parallel	Tandem	

HYDRAULIC

Pressure (bar)	max 210					
Nominal flow (l/min)	10	25	40 ¹⁾	63	100	250
Working fluid	mineral oil					
	viscosity (mm ² /s)	11,6 - 230				
	temperature (°C)	-20 ... +70				

ACTUATION METHOD

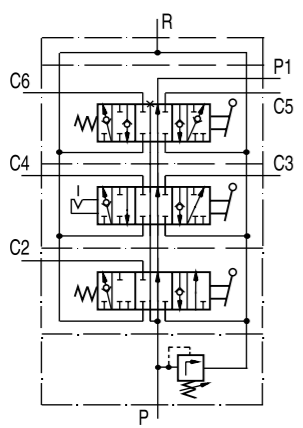
	Piston stroke (mm)	6,5	8	9	12 (9)	13	14 (12)
	Spring force (N)						
Hand	- position 0	126	116	96	170	160	215
	- position 1,2	179	232	192	280	288	325
	- position 3	-	-	-	330	330	425

¹⁾ For vent designation 220 - 31300 - 01V = 70 l/min

DESIGNATION

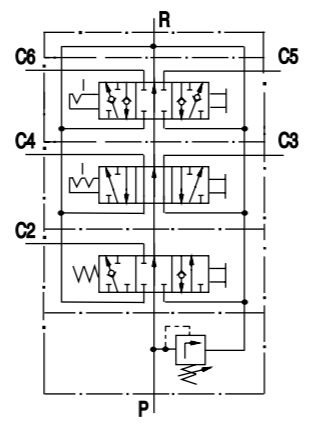
On request we will send a separate commercial - technical drawing with detailed mounting dimensions, symbol and code

CIRCUIT METHOD (EXAMPLES)



1. Parallel circuit

At individual operation of the distribution sections, the function of conventional sliding control valve is attained. By simultaneous operation with several distribution sections, motion of larger number of actuators is made possible, beginning firstly from the one that is the least loaded. By throttling of the oil flow by positioning of the spool to an intermediary position, the simultaneous motion of several actuators can be effected.



2. Tandem circuit

At operation with one section, the fluid flow to the next sections is broken. By this circuit, more reliable operation is achieved in case that motion of only one actuator is needed.

WARNING

Errors in the selection or use of the products and / or systems described, can cause serious personal injury and property damage. It is critical that all aspects of the application and the operating conditions and products chosen are analyzed and re-examined. Making own tests and evaluations, the user is the only one able to ensure compliance with performance, safety and cautionary use requirements.

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Revortex srl

Sede legale: Via Bruno Tosarelli, 23 - 40055 - Villanova di Castenaso - BO - Italy

Sede produttiva: Via Saragat, 26 - 40062 - Molinella - BO - Italy

info@revortex.eu - revortex.eu

PI 03738231202