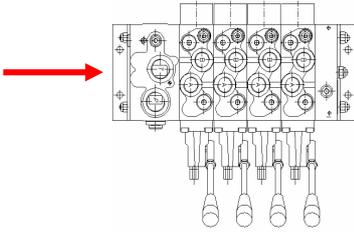


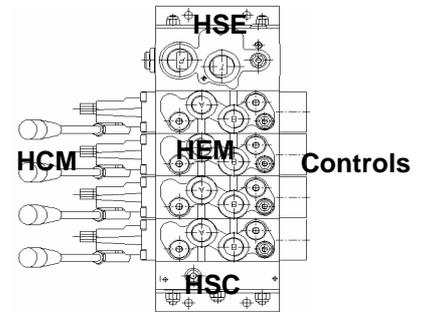


Unit n. 1 with configuration with left inlet has the following configuration:



If unit n.1 is selected in the drop down menu at the bottom of the form, it can have a configuration with left inlet, where the HSE inlet section is at the top of the unit, that is to say reversed compared to the HSC closure section.

Funzione comandata Controlled function	Unitizzo A Port	0	11 12 HSE	13	Unitizzo B Port	Funzione comandata Controlled function
	19	18	14	15	18	
	19	1	14	15	19	
	20	Lupa		17	20	
	21	LQb		17	21	
	19	2	16	18	19	
	19	Lupa		17	19	
	20	LQb		17	20	
	21	22		18	21	
	19	3	18	18	19	
	19	Lupa		17	19	
	20	LQb		17	20	
	21	22		18	21	
	19	4	18	18	19	
	19	Lupa		17	19	
	20	LQb		17	20	
	21	22		18	21	
	19	5	18	18	19	
	19	Lupa		17	19	
	20	LQb		17	20	
	21	22		18	21	
	19	6	18	18	19	
	19	Lupa		17	19	
	20	LQb		17	20	
	21	22		18	21	
	19	7	18	18	19	
	19	Lupa		17	19	
	20	LQb		17	20	
	21	22		18	21	
	19	8	18	18	19	
	19	Lupa		17	19	
	20	LQb		17	20	
	21	22		18	21	
	19	9	18	18	19	
	19	Lupa		17	19	
	20	LQb		17	20	
	21	22		18	21	
	19	10	18	18	19	
	19	Lupa		17	19	
	20	LQb		17	20	
	21	22		18	21	
	19	11	18	18	19	
	19	Lupa		17	19	
	20	LQb		17	20	
	21	22		18	21	
			11 12 HSC			



Field for notes

Field for Notes

INFORMAZIONI PRINCIPALI - MAIN INFORMATION

Tipo di pompa - Pump type:  Centrifugica  Pistone  IDraulica

Portata pompa - Pump flow: l/min: 000

Tipo di connessioni - Type of threads:  UNF  BSP

Tensione batteria - Battery voltage:  12V  24V  Non richiesta

Comandi elettrici - Electric/hydraulic control:  Standard  Aes  Non richiesto

Cliente - Customer:

Descrizione articolo - Item description: \_\_\_\_\_

Data di compilazione modulo - Compilation form date: \_\_\_\_\_

N. codice interno distributore - our valve internal code: \_\_\_\_\_

Numero di serie del distributore - Serial number: \_\_\_\_\_

Codice del cliente presso il cliente - customer reference code: \_\_\_\_\_

Indice di modifiche modulo - compilation form modification index: \_\_\_\_\_

N. Ordine - Order No.: \_\_\_\_\_ Quantità ordine - Order quantity: \_\_\_\_\_

Data dell'ordine - Order Date: \_\_\_\_\_ Prezzo netto EURO - Net price EUR: \_\_\_\_\_

Data consegna - Delivery date: \_\_\_\_\_

N. conferma - Order ack. N.º: \_\_\_\_\_ Quotazione n.º - Quotation number: \_\_\_\_\_

Questo modulo di composizione non è da considerarsi come una raccomandazione del Costruttore che declina ogni responsabilità al riguardo. This composition form shall not be deemed as a Manufacturer's recommendation. We decline any responsibility.

## 2) Form for directional valves with intermediate inlet section (HFLS) or two inlet sections and intermediate closure section (HPFS)

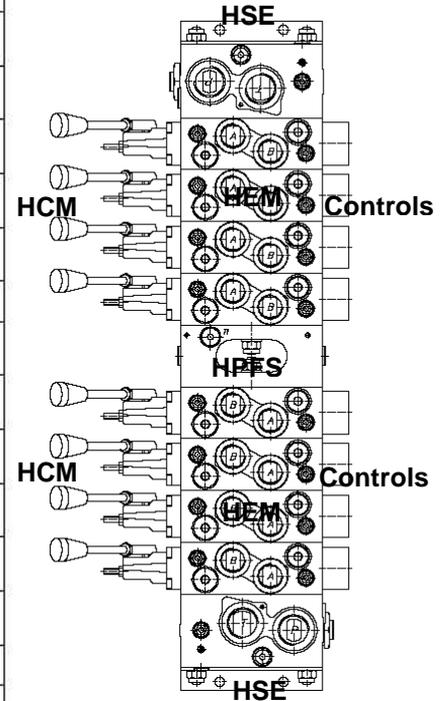
Funzione comandata Controlled function	Utilizzo B Port		11 12	HSE	23	Utilizzo A Port	Funzione comandata Controlled function
		6	1.6A 1.8h		18		
			22 bar		17		
		5	1.6A 1.8h		18		
			22 bar		17		
		4	1.6A 1.8h		18		
			22 bar		17		
	HCM -Controls	3	1.6A 1.8h	HEM	18		Controls
			22 bar		17		
		2	1.6A 1.8h		18		Modules
			22 bar		17		
		1	1.6A 1.8h		18		
			22 bar		17		
HFLS	Utilizzo A Port	0	P	HPFS	13	Utilizzo B Port	HFLS
			bar		14		
		7	1.6A 1.8h		18		
			22 bar		17		
		8	1.6A 1.8h		18		
			22 bar		17		
		9	1.6A 1.8h		18		Controls
			22 bar		17		
	HCM -Controls	10	1.6A 1.8h	HEM	18		
			22 bar		17		
		11	1.6A 1.8h		18		Modules
			22 bar		17		
		12	1.6A 1.8h		18		
			22 bar		17		
Filed for Notes			11 12	HSE	23	Filed for Notes	

Alimentaz. HPV con HFLS / HPV feed with HFLS module	
INFORMAZIONI PRINCIPALI - MAIN INFORMATION	
<input type="checkbox"/> Centro aperto <input type="checkbox"/> Centro chiuso <input type="checkbox"/> P. Centrale	UUU ltn / min.
Tipo di pompa - Pump type Portata pompa - Pump flow, l/t	<input type="checkbox"/> OUMP <input type="checkbox"/> BSPP
Tipo di connessioni - Type of threads Tensione batteria - Battery supply voltage	<input type="checkbox"/> 12 V <input type="checkbox"/> 24 V <input type="checkbox"/> Non richiesta
Comandi elettrici - Electrohydraulic control	<input type="checkbox"/> Standard <input type="checkbox"/> Atax <input type="checkbox"/> Non richiesta
Cliente - Customer:	
Descrizione articolo - Item description:	
Data di compilazione modulo - Completion form date:	
Nr. codice interno distribuitore - our valve internal code:	
Numero di serie del distribuitore - Serial number:	
Codice del distrib. presso il cliente - customer reference code:	
Indice di modifica modulo - completion form modification index:	
Nr. Ordine - Order No.	Quantità ordine - Order quantity:
Data dell'ordine - Order date:	Prezzo netto EURO - Net price EUR:
Data consegna - Delivery date:	Quotazione nr. - Quotation number:
Nr. conferma - Order ask. Nr.:	

Questo modulo di composizione non è da considerarsi come una raccomandazione del Costruttore che declina ogni responsabilità al riguardo.  
 This composition form shall not be deemed as a Manufacturer's recommendation. We decline any responsibilities.

<b>NOTA:</b> Per la numerazione delle sezioni di lavoro ved. anche pag. HPV41-11	<b>NOTE:</b> For numbering of the working sections, see also page HPV41-11
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To avoid mistakes when filling in the form, always refer to the relevant sections from 0 to 21 indicated in the unit selection tables at the end of the HPV41 and HPV77 catalogue.

You must indicate:

- a) the bar calibration for the main pressure relief valve (0 sector, HSE or HFLS inlet section, if any);

0	P	KIT0007703995	13	HSEA007701302
	270	HSE0007701204	14	
	bar		15	

- b) the HSE or HFLS inlet sections designed for the HSEV and/or HSER must always bear the code for the replacement cap, the relative valve or the discharge connection (section 13, see illustration above);
- c) directional valves with electro hydraulic controls must always be combined with inlet sections fitted with a pressure reducer (see catalogue);

- d) when required, enter the bar calibrations for the LS<sub>A/B</sub> pressure relief valves (sectors 1 to 10, HEM distribution elements) – these pressure levels are always lower than the calibration value for the main relief valve; if the housing is to be capped on elements designed for Ls valves, enter code HESC0004103007 (HPV41) or HESC0007703007 (HPV77) in the calibration field;

The following default ratings will be set on the testing bench unless the calibration value is indicated for the main pressure relief valve (and there are no Ls valves on the elements):

**HPV41 distr. Open centre: p = 200 bar**

**HPV41 distr. Closed centre: p = 250 bar**

**HPV77 distr. Open centre: p = 220 bar**

**HPV77 distr. Closed centre: p = 280 bar**

If Ls valves are fitted on the elements and the calibration settings are not stated, they will be set at **20 bar less** than the setting for the main relief valve.

If the calibration is not indicated for the main relief valve but the calibration settings are indicated for the Ls valves on the elements, it will always be set about **20 bar higher** than the relief value for the Ls valves.

LUFF CYL	18	HCM000770C000	3		bar	HEM0007702345	16	HEAS007704305	MHFP007707056	20
	19			LSa	80		17			19
				LSb	180					21

If Motion Control spools are fitted, it is essential to indicate the calibration of the LS valves on the elements; contact the customer if this is not indicated (the flow rate depends on the calibration);

- e) Check the code for the Caps or Antishock valves has been entered for relevant elements;
- f) Check that HSE, HEM, controls... have all GAS couplings or all SAE couplings;
- g) Check all the controls are either in cast iron or in aluminium;
- h) In the "\*" field in sections from 1 to 10 (distribution elements - HEM), enter the code for the EU diaphragms kit for elements fitted with the units for electric discharge of LS<sub>A/B</sub> MHFO, MHFR, MHFP, MHFK signals; elements designed for electrical discharge must always have EU diaphragms on spools and matching control block;



Correct use of the space for the space for Notes at the bottom: include additional details

**Field for Notes**

- o) Possible changes requested by the customer (code and quantity).
- p) Mounting customer feet: enter the Aron code and quantity;
- q) Indicate how to test MHFK in the Notes;
- r) When the range pump is not indicated, the proportional valve will be tested using an inlet flow equal to a flow value that is the highest between the spools, increased of 40 l/min, evaluating the maximum value acceptable for a proportional valve category.
- s) Indicate whether there are any Diagrams in the Management Documents.
- t) Indicate the pressure value to calibrate shock and suction valve regulation HEAD.
- u) Cup Nuts codes cannot be entered in field for Notes but next to Lsa – Lsb setting field (working section HEM); for modules, these codes must be entered in free field under each module.

When composition form is completed, you have

- to select in price list spreadsheet “Single Inlet” or “Double inlet” in the menu up to right;
- to indicate pump type used by customer (Open centre – Closed centre – Constant Pressure);
- to indicate pump flow rate;
- to indicate threads type (BSPP or UNF);
- to indicate Battery voltage (12V, 24V or not requested);
- to indicate if there are electro-hydraulic controls (standard, Atex or not requested).