



## Hydraulic control system 6901406

### Item 14 – Flow Divider





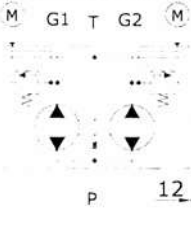
**BOLOGNA ITALY**

**DIVISORI DI FLUSSO Serie Giallo**  
**FLOW DIVIDERS Yellow series**

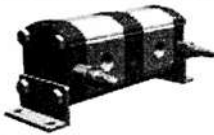
Web address: [www.vivoil.com](http://www.vivoil.com)

**Gruppo - Group 2**

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**KV-2DFV**



| TIPO/Type | A   | G (OUT)   |
|-----------|-----|-----------|
| KV-2DF/4  | 47  | 1/2" BSPP |
| KV-2DF/6  | 50  | 1/2" BSPP |
| KV-2DF/9  | 54  | 1/2" BSPP |
| KV-2DF/11 | 58  | 1/2" BSPP |
| KV-2DF/14 | 64  | 1/2" BSPP |
| KV-2DF/17 | 68  | 1/2" BSPP |
| KV-2DF/19 | 72  | 1/2" BSPP |
| KV-2DF/22 | 78  | 1/2" BSPP |
| KV-2DF/26 | 82  | 3/4" BSPP |
| KV-2DF/30 | 90  | 3/4" BSPP |
| KV-2DF/34 | 97  | 3/4" BSPP |
| KV-2DF/40 | 106 | 3/4" BSPP |

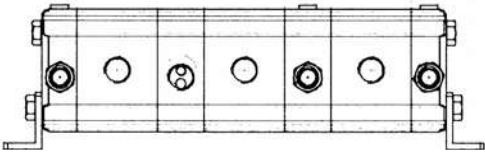
| TIPO DI VALVOLA<br>VALVE TYPE | CAMPO DI TARATURA/SETTING RANGE |              |               |
|-------------------------------|---------------------------------|--------------|---------------|
|                               | CODE 01                         | CODE 02      | CODE 03       |
| VM 50 DIF                     | 10 + 105 bar                    | 70 + 210 bar | 140 + 350 bar |

**P (N x IN) BSPP**

| TIPO<br>Type | NUMERO DI ELEMENTI CHE COMpongONO IL DIVISORE<br>QUANTITY OF ELEMENTS COMPOSING THE DIVIDER |          |          |          |          |          |          |          |          |          |          |          |          |          |          |  |
|--------------|---------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
|              | 2                                                                                           | 3        | 4        | 5        | 6        | 7        | 8        | 9        | 10       | 11       | 12       | 13       | 14       | 15       | 16       |  |
| 2DF / 4      | 1 x 1/2"                                                                                    | 1 x 1/2" | 1 x 3/4" | 1 x 3/4" | 1 x 3/4" | 2 x 1/2" | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 3 x 3/4" | 3 x 3/4" | 3 x 3/4" | 3 x 3/4" |  |
| 2DF / 6      | 1 x 1/2"                                                                                    | 1 x 3/4" | 1 x 3/4" | 1 x 3/4" | 1 x 3/4" | 2 x 1/2" | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 3 x 3/4" | 3 x 3/4" | 3 x 3/4" | 3 x 3/4" |  |
| 2DF / 9      | 1 x 3/4"                                                                                    | 1 x 3/4" | 1 x 3/4" | 1 x 3/4" | 1 x 3/4" | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 3 x 3/4" | 3 x 3/4" | 3 x 3/4" | 3 x 3/4" |  |
| 2DF / 11     | 1 x 3/4"                                                                                    | 1 x 3/4" | 1 x 3/4" | 1 x 1"   | 1 x 1"   | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 3 x 3/4" | 3 x 3/4" | 3 x 3/4" | 3 x 3/4" |  |
| 2DF / 14     | 1 x 3/4"                                                                                    | 1 x 3/4" | 1 x 3/4" | 1 x 1"   | 1 x 1"   | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 3 x 3/4" | 3 x 3/4" | 3 x 3/4" | 3 x 3/4" |  |
| 2DF / 17     | 1 x 3/4"                                                                                    | 1 x 3/4" | 1 x 3/4" | 1 x 1"   | 1 x 1"   | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 2 x 3/4" | 3 x 3/4" | 3 x 3/4" | 3 x 3/4" | 3 x 3/4" |  |
| 2DF / 19     | 1 x 3/4"                                                                                    | 1 x 1"   | 1 x 1"   | 1 x 1"   | 1 x 1"   | 2 x 3/4" | 2 x 3/4" | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 3 x 1"   | 3 x 1"   | 3 x 1"   | 3 x 1"   |  |
| 2DF / 22     | 1 x 3/4"                                                                                    | 1 x 1"   | 1 x 1"   | 1 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 3 x 1"   | 3 x 1"   | 3 x 1"   | 3 x 1"   |  |
| 2DF / 26     | 1 x 1"                                                                                      | 1 x 1"   | 1 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 3 x 1"   | 3 x 1"   | 3 x 1"   | 3 x 1"   |  |
| 2DF / 30     | 1 x 1"                                                                                      | 1 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 3 x 1"   | 3 x 1"   | 3 x 1"   | 3 x 1"   |  |
| 2DF / 34     | 1 x 1"                                                                                      | 1 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 3 x 1"   | 3 x 1"   | 3 x 1"   | 3 x 1"   |  |
| 2DF / 40     | 1 x 1"                                                                                      | 1 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 2 x 1"   | 3 x 1"   | 3 x 1"   | 3 x 1"   | 3 x 1"   |  |

$L = (n-1) \times 37 + 92 + A1 + A2 + A3 + \dots + An$

n = Numero di elementi del Divisore  
n = Number of elements making up Divider



**ESEMPIO:**  
Per ottenere la lunghezza totale (L) di un divisore a tre elementi (n=3), di TIPO KV-2DFV/9 x 3  
 $L = (n-1) \times 37 + 97 + A1 + A2 + A3 = (3-1) \times 37 + 97 + 54 + 54 + 54 = 333 \text{ mm}$

**EXAMPLE:**  
To obtain the total length (L) of a three-element divider (n=3), the element being TYPE KV-2DFV/9 x 3  
 $L = (n-1) \times 37 + 97 + A1 + A2 + A3 = (3-1) \times 37 + 97 + 54 + 54 + 54 = 333 \text{ mm}$

file: scheda-KV2DFV

Foglio: 1-1

Data: 13/06/2000

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