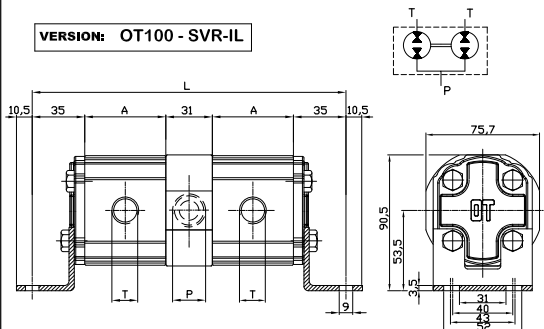


FLOW DIVIDERS - OT100 SERIES

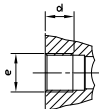
VERSION: OT100 - SVR-IL



Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	ΔP max between two outlets (bar)	Max speed (r.p.m)	Min speed (r.p.m)	Maximum flow for element (l/min.)	Minimum flow for element (l/min.)
OT 100 D16	1,55	220	280	200	3500	1250	5,40	1,86
OT 100 D20	1,75	220	280	200	3500	1200	6,13	2,10
OT 100 D25	2,50	220	280	200	3500	1220	8,75	3,05
OT 100 D32	3,10	220	280	200	3500	1200	10,80	3,72
OT 100 D40	3,80	220	280	200	3000	1100	11,40	4,18
OT 100 D49	4,75	210	250	200	3000	1050	14,25	5,00
OT 100 D58	5,55	210	250	200	3000	1000	16,65	5,55

Maximum flow for each inlet section: 35 [l/min]

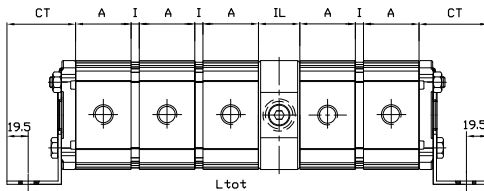
Type	Dimension A (mm)	T " output port		P " Input port	
		e	d	e	d
OT 100 D16	39,50	G3/8	14	G1/2	14
OT 100 D20	40,90	G3/8	14	G1/2	14
OT 100 D25	43,00	G3/8	14	G1/2	14
OT 100 D32	45,00	G3/8	14	G1/2	14
OT 100 D40	47,80	G3/8	14	G1/2	14
OT 100 D49	50,90	G3/8	14	G1/2	14
OT 100 D58	54,00	G3/8	14	G1/2	14



FLOW DIVIDERS - OT100 SERIES
VERSION: OT100 - SVR
COMPOSITION NOTES

On standard flow dividers the elements with highest displacement are assembled on the left side, looking the flow divider from output ports.

Standard composition for 5 elements



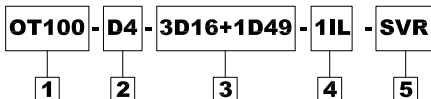
<i>CODE</i>	<i>DESCRIPTION</i>	<i>DIMENSION</i>
<i>A</i>	Element	see above table
<i>I</i>	Intermediate flange	5 [mm]
<i>IL</i>	Intermediate lateral Inlet section	31 [mm]
<i>CT</i>	End cover	45.5 [mm]

Flow divider total length calculation

$$L_{tot} = 2 \times 45.5 + (N - 1 - n_1) \times 5 + n_1 \times 31 + A_1 + A_2 + A_3 + \dots + A_n - 39$$

N = number of elements

n1 = number of intermediate lateral inlet sections

FLOW DIVIDERS - OT100 SERIES
VERSION: OT100 - SVR
EXAMPLE OF ORDERING CODE


1	<i>Series</i>	CODE
Group 1		OT100

4	<i>Intermediate lateral sections</i>	CODE
Number of Intermediate sections		0...n IL

2	<i>Total number of elements</i>	CODE
From 2 to 8 elements		D 2...8

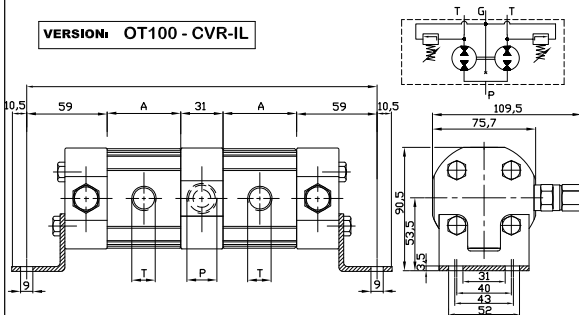
5	<i>Type of flow divider</i>	CODE
Flow divider without valves		SVR

3	<i>Number of elements with same displacement</i>	CODE
	From 2 to 8 elements 1,55 cc / rev	2...8 D16
	From 2 to 8 elements 1,75 cc / rev	2...8 D20
	From 2 to 8 elements 2,50 cc / rev	2...8 D25
	From 2 to 8 elements 3,10 cc / rev	2...8 D32
	From 2 to 8 elements 3,80 cc / rev	2...8 D40
	From 2 to 8 elements 4,75 cc / rev	2...8 D49
	From 2 to 8 elements 5,55 cc / rev	2...8 D58

The above table example of ordering code is for a 4 elements flow divider: three 1.55 cc / rev elements and one 4.75 cc / rev, with one intermediate lateral inlet section.

FLOW DIVIDERS - OT100 SERIES

VERSION: OT100 - CVR-IL

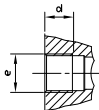


Type	Displacement (cc/rev)	Max working pressure P1 (bar)	Peak pressure P3 (bar)	ΔP max between two outlets (bar)	Max speed (r.p.m)	Min speed (r.p.m)	Maximum flow for element (l/min.)	Minimum flow for element (l/min.)
OT 100 D16	1,55	220	280	200	3500	1250	5,40	1,86
OT 100 D20	1,75	220	280	200	3500	1200	6,13	2,10
OT 100 D25	2,50	220	280	200	3500	1220	8,75	3,05
OT 100 D32	3,10	220	280	200	3500	1200	10,80	3,72
OT 100 D40	3,80	220	280	200	3000	1100	11,40	4,18
OT 100 D49	4,75	210	250	200	3000	1050	14,25	5,00
OT 100 D58	5,55	210	250	200	3000	1000	16,65	5,55

Maximum flow for each inlet section: 35 [l/min]

Type	Dimension A (mm)	" T " output port		" P " Input port	
		e	d	e	d
OT 100 D16	39,50	G3/8	14	G1/2	14
OT 100 D20	40,90	G3/8	14	G1/2	14
OT 100 D25	43,00	G3/8	14	G1/2	14
OT 100 D32	45,00	G3/8	14	G1/2	14
OT 100 D40	47,80	G3/8	14	G1/2	14
OT 100 D49	50,90	G3/8	14	G1/2	14
OT 100 D58	54,00	G3/8	14	G1/2	14

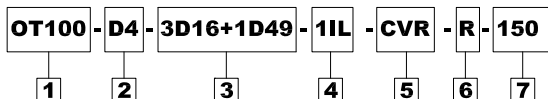
VALVE TYPE	Setting range		
	CODE G	CODE R	CODE B
	7-70 [bar]	35-175 [bar]	70-280 [bar]



FLOW DIVIDERS - OT100 SERIES

VERSION: OT100 - CVR-IL

EXAMPLE OF ORDERING CODE



1	<i>Series</i>	CODE
Group 1		OT100

4	<i>Intermediate lateral sections</i>	CODE
Number of Intermediate sections		0...n IL

2	<i>Total number of elements</i>	CODE
From 2 to 8 elements		D 2...8

5	<i>Type of flow divider</i>	CODE
Flow divider with valves		CVR

3	<i>Number of elements with same displacement</i>	CODE
From 2 to 8 elements 1.55 cc / rev		2...8 D16
From 2 to 8 elements 1.75 cc / rev		2...8 D20
From 2 to 8 elements 2.50 cc / rev		2...8 D25
From 2 to 8 elements 3.10 cc / rev		2...8 D32
From 2 to 8 elements 3.80 cc / rev		2...8 D40
From 2 to 8 elements 4.75 cc / rev		2...8 D49
From 2 to 8 elements 5.55 cc / rev		2...8 D58

6	<i>Valves setting range</i>	CODE
From 10 to 70 [bar]		G
From 35 to 175 [bar]		R
From 79 to 280 [bar]		B

7	<i>Setting valves</i>	CODE
No setting		00
Setting value		10 ..280

The above table example of ordering code is for a 4 elements flow divider: three 1.55 cc / rev elements and one 4.75 cc / rev, with one Intermediate Lateral Inlet section and valves setted at 150.