

Dias

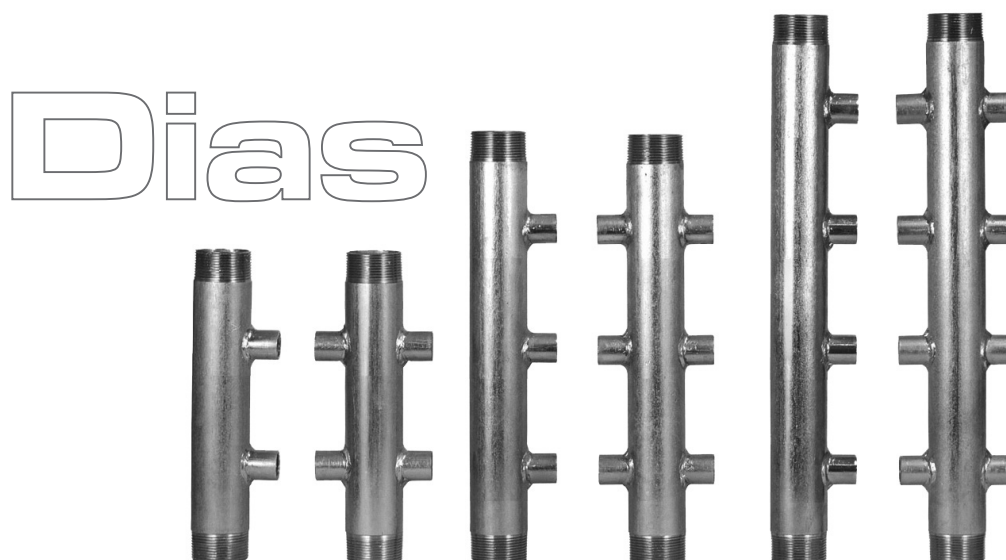
STAINLESS STEEL MANIFOLDS

USE

Dias manifolds are specifically used in **hot and cold fluid distribution plants**.

KEY FEATURES

- threaded male R 1"1/2 on the main connection
- thread-protection caps
- simple or dual opposed version



TECHNICAL FEATURES	Dias
Maximum fluid temperature	90°C
Minimum fluid temperature	5°C
Maximum fluid pressure	5 bar
Material	INOX AISI 316 *

* if you want to use other types of stainless steel, please contact our Technical Department.

VERSIONS AND CODES

Models	N. of outlets	Code
OUTLETS Rp 1/2"F CONNECTIONS R 1"1/2M	2	CX1121220
	2+2	CX1121222
	3	CX1121230
	3+3	CX1121233
	4	CX1121240
	4+4	CX1121244

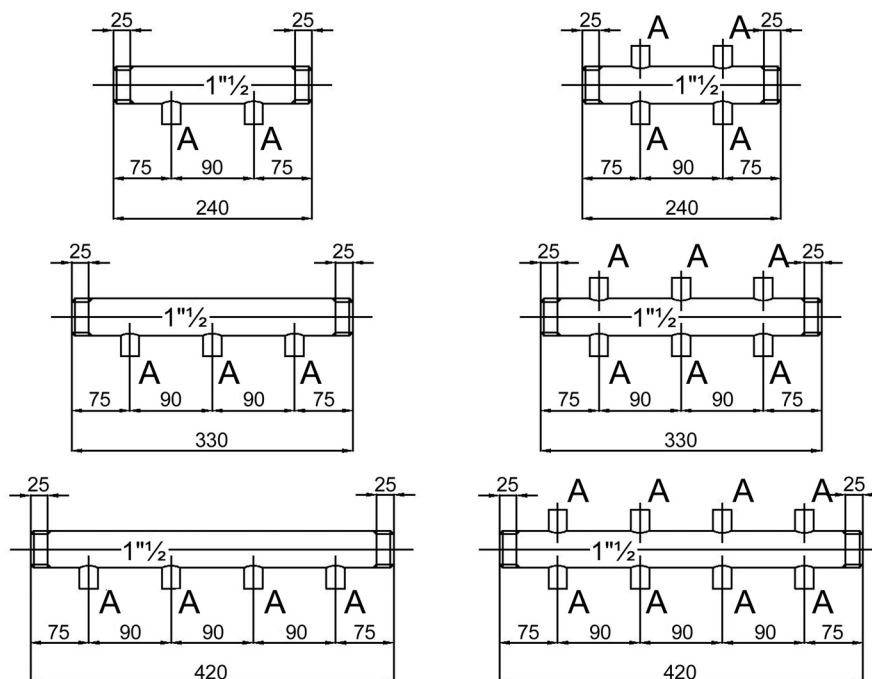


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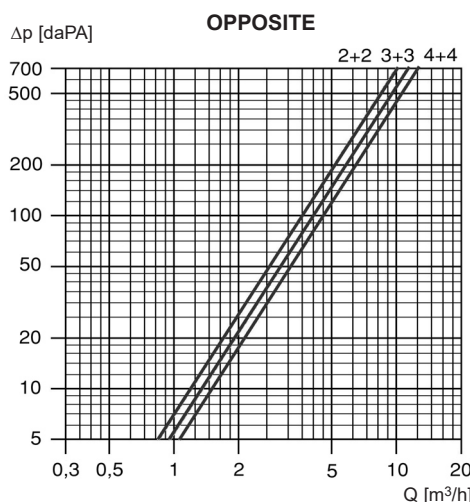
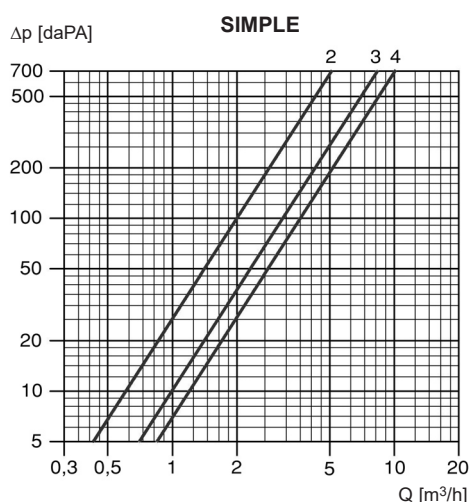
STAINLESS STEEL MANIFOLDS

OVERALL SIZE

A = THREADED FEMALE OUTLET Ø1/2"



FLUID-DYNAMIC FEATURES



OUTLETS	k1	k2
2	$2,5 \times 10^{-5}$	200
3	$1,2 \times 10^{-5}$	290
4	$8,2 \times 10^{-6}$	350
2+2	$8,2 \times 10^{-6}$	350
3+3	$6,2 \times 10^{-6}$	400
4+4	$4,9 \times 10^{-6}$	450

$$\Delta p = k_1 \times Q^2$$

$$Q = k_2 \times \sqrt{\Delta p}$$

where:

Δp [daPA] = pressure drop

Q [kg/h] = flow rate

EXAMPLE OF SPECIFICATIONS

DIAS • Stainless steel manifold for distribution plants with hot and cold fluids, 3 outlets: female 1/2", R 1 1/2 connections, maximum temperature 90°C, minimum temperature 5°C, maximum pressure 5 bar, AISI 316 stainless steel.

Brand: **COMPARATO**

Code: **CX1121230**

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