

Multiple Flow Distributor



VD

ANSI class 300 — ND 15 mm
1/2"

VD 85M

Application

The multiple flow distributor ("Manifold"), VD 85M model from ASCA, was developed to act in the compressed air distribution. It can also be used in dynamic-oil systems in general.

Specifications

- Connection -ND 1" welded, on the inlet of the multiple flow distributor.
- Connection -ND 1/2" threaded, on each one of the outlets.

Body Material

Basic line in stainless steel ASTM A312 TP 316. It can also be supplied in other materials under consultation.

Blocking valves

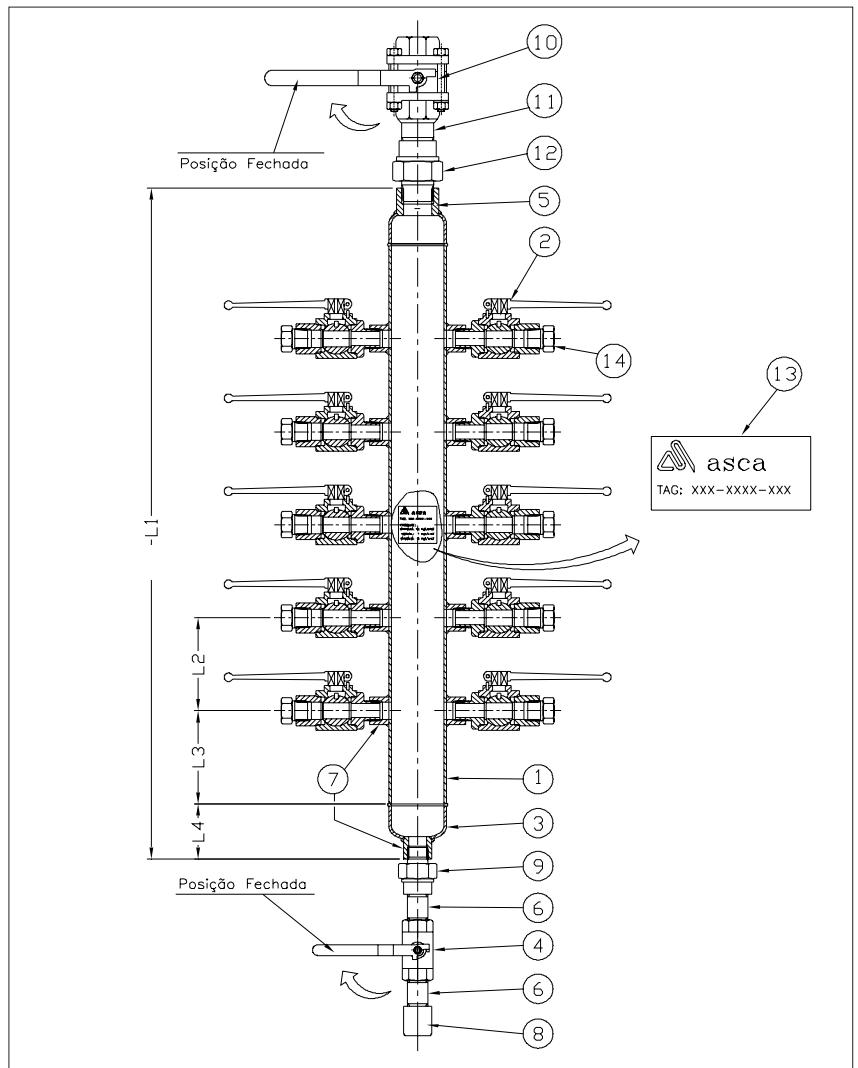
Basic line in stainless steel AISI 316 using sphere type valves.

Work Pressure

Basic line class 300# (500 psi to 390 °F).

Work Temperature

Until 200 °C (390 °F) adjusting to the sealing in teflon of the sphere type valves.



Blocking

Technical Competence, materials and connections

Model			VD 85M				
Nominal Diameter	mm (pol.)		15 (1/2")				
Maximum service pressure	bar		34				
Correspondent max. temp	°C		200				
Item	Description	Quant.	Material	Item	Description	Quant.	Material
1	Main pipe	0,6 (m)	AISI 316	8	Head	01	AISI 316
2	Sphere valve	10	AISI 316	9	Union M/F	01	AISI 316
3	Head	02	AISI 316	10*	Sphere valve	01	AISI 316
4	Sphere valve	01	AISI 316	11	Nipple	01	AISI 316
5	Sleeve	01	AISI 316	12	Union M/F	01	AISI 316
6	Nipple	02	AISI 316	13	Plate	01	AISI 316
7	Sleeve	11	AISI 316	14	Plug	10	AISI 316

*Recommended spare parts

Main characteristics

The multiple flow distributor ("Manifold") is basically composed of a main pipe (1) with welded sleeves (7) where the sphere type valves are threaded.

There are in the inlet a main blocking valve (10) and in the other side a blocking valve (4) with drainage function.

There are two rows of sphere type valves (2) that are the several outlets, handy operated (On the basic project, 5 of each side, they can be supplied in other quantities). Simplified maintenance by the access facility and removal of the sphere valves.

Installation

The multiple flow distributor ("Manifold") can be installed in any position, since its sphere valves don't have preferential position to act.

Operation

The operation of the distributor is very simple and is resumed to the hand opening or closing of each sphere valve, according to the need. The valves are opened or closed by means of the displacement of the handle in 90° (fast closing valves).

Maintenance

The maintenance of the multiple distributor is resumed to the maintenance of the sphere type valve. By its simplicity and low cost, is recommended the replacement of all valve always that is verified a damage in the shutter/seat system, or break of the manipule.

Measures

Nominal diamter	1/2"
Measures	(mm)
L1	721
L2	100
L3	100
L4	59

