

INSTRUCTIONS 1011-E00 e

Section

1011

Effective Replaces October 2004 347 May 2003

Translation of the original instructions

Selective valve

INSTALLATION

OPERATION

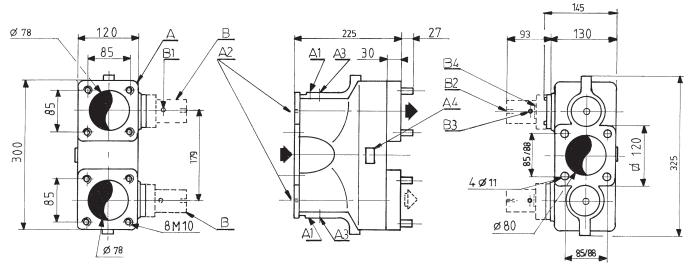
MAINTENANCE



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OVERALL DIMENSIONS (mm)



Note: Take care to orient the reduced-passage valve/valves so that their feed orifice B1 is turned towards the outlet side of the product of the selective valve.

А	Selective valve	
A1	Air inlet	G1/4
A2	Puppet valve (connected to a pipe guided down)	G1/8
A3	Gutter	
A4	Plate	

Weight: 9 Kg

В	Preset valve option	
B1	Air inlet	G1/8
B2	Puppet valve (connected to a pipe guided down)	M5
В3	Gutter (connected to a pipe guided down)	M5
B4	Plate	

DESCRIPTION

The 2-way pneumatic control valve has 1 inlet and 2 outlets or 2 inlets and 1 outlet.

In the absence of air, it is closed by a spring.

One or two valves with reduced passage (represented by the dotted line) can be flange-mounted to enable a preset meter to be used.

The closing of the selective valve and the opening of the corresponding reduced-passage valve make it possible to reduce the flow rate when the measured volume is getting close to the programmed volume and thus terminate the process smoothly.

Each way is equiped with a gutter allowing to see leakage problem.

TECHNICAL CHARACTERISTICS

Maximum operating hydraulic pressure 10 bar

Minimum control pneumatic pressure5 bar

INSTALLATION

The selective valve is flange-connected to pumps CC8-40 - CC8-50 and CC8-65.

Connect each venting orifice of the pneumatic controls A2 & B2 and the gutter B3 to a puppet valve.

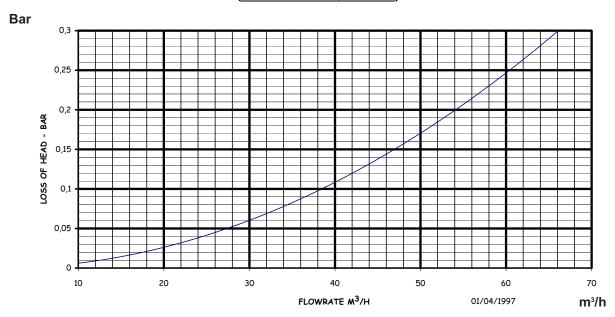
Take care to orient the reduced-passage valve/valves so that their feed orifice **B1** is turned towards the outlet side of the product of the selective valve.

The control air must be filtered and lubricated (use of a lubricating filter in the compressed air network).

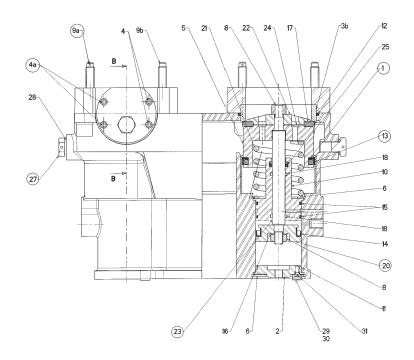
HEAD LOSS - FOD

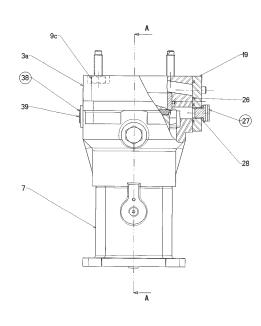
HEAD LOSS FOD SELECTIVE VALVE (in the 2 directions of circulation)

Y= 7E-05x2-9E-05xR2=0,9998



DISMANTLING - REASSEMBLY





TOOLS REQUIRED

- Hexagon spanners 4
- Screwdriver
- Circlip pliers Ø 60
- Box spanner 16
- Flat spanner 16
- 4 Ø M10 nuts
- 1 Press or 2 plastic rods lenght 1,20 m
- 2 Ø M10 nuts
- 2 broad washers

DISMANTLING

Remove the seals 19 or the preset valve.

Remove the lead seal 30, the screw 31 and the lead-sealing cup 29.

Remove the circlips 6 and take out the plug 2.

Hold the nut 8 and unscrew the other.

Fit 2 interlocking nuts on 2 diametrically opposite pins **9** and remove them.

Fit the same device to the other 2 pins, but do not remove them (THIS REQUIREMENT MUST BE COMPLIED WITH OTHERWISE THERE IS A RISK THAT VALVE 5 WILL STICK OUT).

Position the valve without a press, hold the flap in place and remove the 2 remaining pins and free the flap which should come out only under the action of the spring.

In the absence of a press, position the 2 threaded rods + washers + nuts ((see § TOOLS REQUIRED) in the 2 free inside threads.

Remove the 2 remaining pins **9** and release the flange **3** by progressively unscrewing the 2 threaded rod nuts.

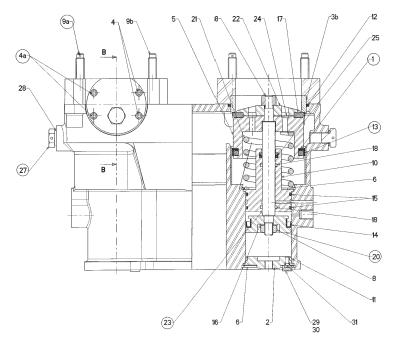
REASSEMBLY

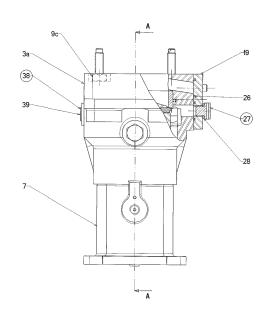
Proceed in the reverse sequence, taking care to lightly lubricate the bore of the pneumatic piston.

MAINTENANCE

No special periodic maintenance required.

SPARE PARTS





* Sets of parts or parts available to order.

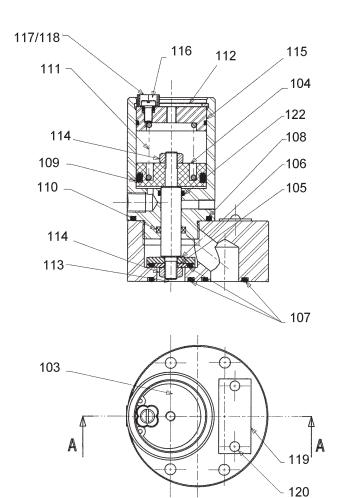
REP.	Qty	DESIGNATION
1	2	Scraper ring
2	2	Plug
3	2	Flange
4	4	Blank washer screw
4a	4	Blank washer embedded screw
5	2	Flap
6	4	Snap ring
7	1	Valve body
8	4	Nut
9a	8	Embedded stud
9b	6	Stud
9c	8	Nut
10	2	Guide
11	2	Plug seal
12	2	Flange seal
13	2	Flap seal
14	2	Piston seal
15	4	Guide seal
16	2	Rod tail seal

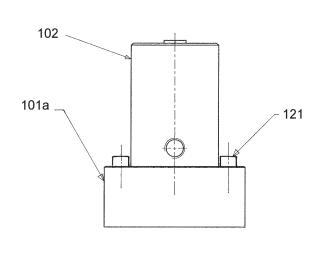
REP.	Qty	DESIGNATION
17	2	Flap head seal
18	4	Rod seal
19	2	Blank washer
20	2	Piston
21	2	Spring
22	2	Flap head
23	2	Rod
24	2	Grid
25	2	Rod scraper seal
26	4	Blank washer seal
27	4	Plug
28	4	Plug seal
29	2	Embedded cup
30	2	Lead
38	1	Plate
39	2	Rivet
*36	1	SET OF GUIDE SEALS (15+8+25)
*37	1	SET OF PISTON SEALS (11+14+16)

When ordering spare parts, please indicate:

- TYPE and SERIAL NUMBER of valve (stamped on valve plate)
 The REFERENCE and DESIGNATION of parts required (* : Assemblies and parts available for supply).
- INSTRUCTIONS 1011-E00

REDUCED-PASSAGE (preset valve)





* Sets of parts or parts available to order.

REP.	Qty	DESIGNATION
101a	1	Seat
102	1	Body
103	1	Plug
104	1	Piston
105	1	Flap washer
106	1	Flap
107	3	Seal
108	1	Body seal
109	1	Piston seal
110	1	Rod seal
111	1	Spring

REP.	Qty	DESIGNATION
112	1	Circlips
113	1	Rod
114	2	Nut
115	1	Plug seal
116	1	Lead-sealing screw
117	1	Cup
118	1	Lead seal
119	1	Plate
120	2	Rivet
121	4	Screw
122	1	Seal
*125	1	SET OF SEALS (107+108+109+110+115+122)

When ordering spare parts, please indicate:

- TYPE and SERIAL NUMBER of pump (stamped on pump plate)
- The REFERENCE and DESIGNATION of parts required (* : Assemblies and parts available for supply).
- INSTRUCTIONS 1011-E00