IRRIGATION HYDRANT TYPE A2-A4
(LONG BODY)

EVDOS SA produces irrigation hydrants with and without antifrost protection type A2 and A4, which are in compliance with the international specifications.
The irrigation hydrants have the ability to operate in pressure 25 bar and to canalize water with solid particles of sizes up to 3 mm.
Optional can be equipped with an automatic air valve.

The hydrant type A2 consists of the following parts:

a .Flanged sleeve
b. Antifrost extension
c. Head A2
d. Valve
e. Handweel

The hydrant type A4 consists of the following parts:

a .Flanged sleeve
b. Antifrost extension
c. Head A4
d. Valve
e. Handweel

Valve is NP type and opens opposite from flow rate . Valve's opening and close doesn't happen in time less than 6 secretary.
The valve's moving part secures a progressively raise and reducing the flow ,so as to avoid the water hammer .

TYPES		
TYPES	DN inlet	DN outlet
A2	80-100-125-150	2 * DN 65
A4	80-100-125-150	4 * DN 65

DESCRIPTION	NORMS
Flanges	EN 1563 / EN 1092-2
Pressure max.	PN 10-16-25
Flow per outlet	12 l/s
Coating	Powder epoxy 150 microns DIN 30677
Testing	EN 1074-1-6

IRRIGATION HYDRANT TYPE A2-A4
(SHORT BODY)

EVDOS SA produces irrigation hydrants with and without antifrost protection type A2 and A4, which are in compliance with the international specifications.
The irrigation hydrants have the ability to operate in pressure 25 bar and to canalize water with solid particles of sizes up to 3 mm.
Optional can be equipped with an automatic air valve.

The hydrant type A2 consists of the following parts:

a.Flanged sleeve
b.Head A2
c.Valve
d.Handweel

The hydrant type A4 consists of the following parts:

a.Flanged sleeve
b.Head A4
c.Valve
d.Handweel

Valve is NP type and opens opposite from flow rate . Valve's opening and close doesn't happen in time less than 6 secretary.
The valve's moving part secures a progressively raise and reducing the flow ,so as to avoid the water hammer .

TYPES		
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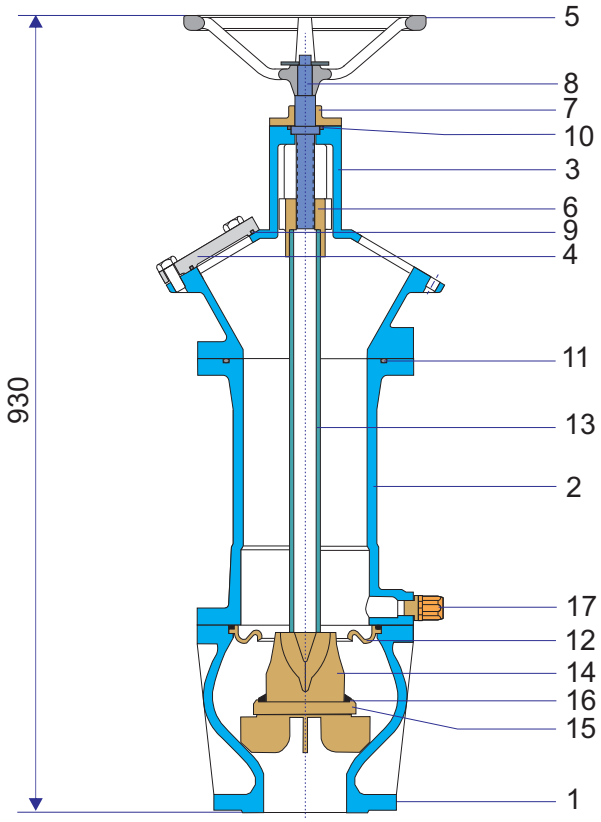
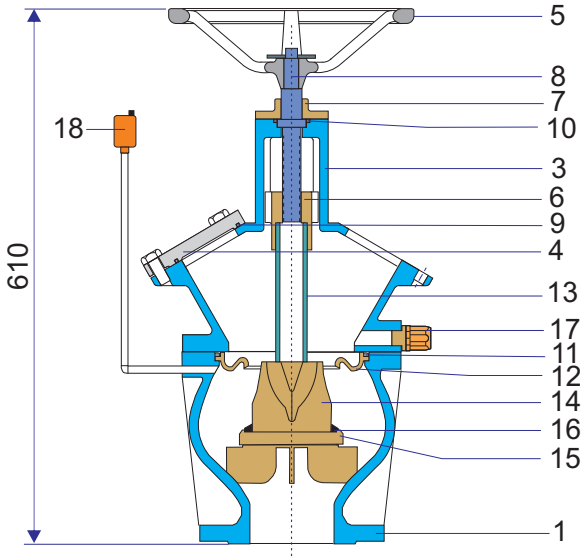
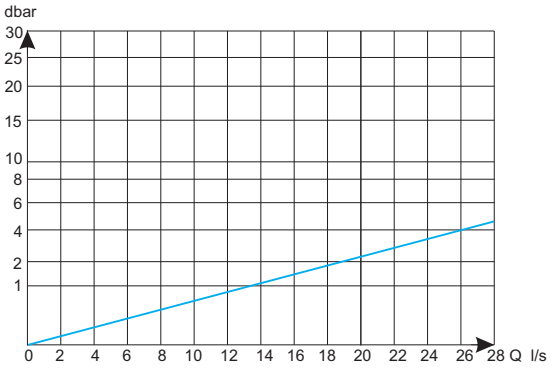


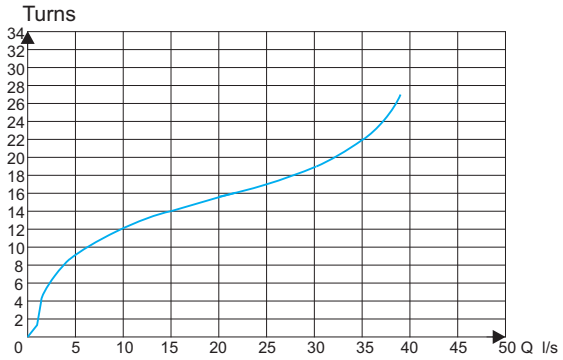


No	DESCRIPTION	MATERIAL
1	Flanged sleeve	Ductile iron GGG 40 EN 1563
2	Antifrost extension	Ductile iron GGG 40 EN 1563
3	Head	Ductile iron GGG 40 EN 1563
4	Cover	Ductile iron GGG 40 EN 1563
5	Handweel	Cast iron GG 25 EN 1561
6	Nut	Brass
7	Control rod stop	Ductile iron GGG 40 EN 1563
8	Stem	Stainless Steel AISI 304
9	O-Ring	N.B.R
10	O-Ring	N.B.R
11	O-Ring	N.B.R
12	Valve seat	Brass
13	Extension of spindle	Steel
14	Valve	Ductile iron GGG 40 EN 1563
15	Nut for valve	Brass
16	Rubber	N.B.R
17	Antifrost valve	Brass
18	Small air valve	Brass

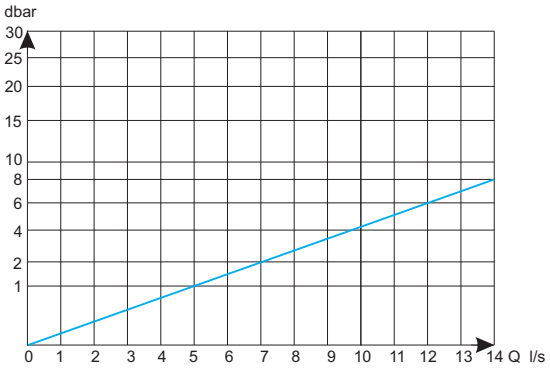
BODY OF HYDRANT



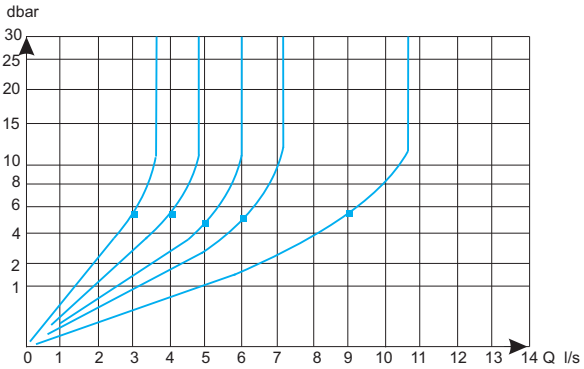
FLOW ACCORDING TO THE OPENING OF THE VALVE



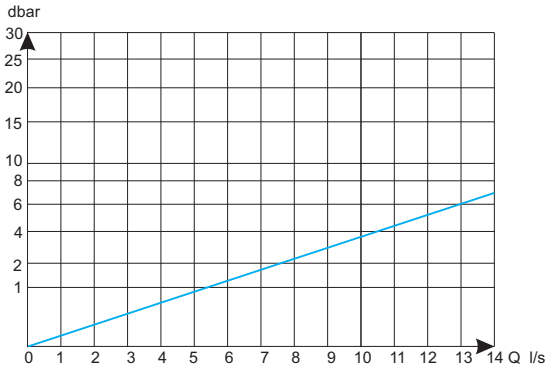
OUTLET WITH WATER METER



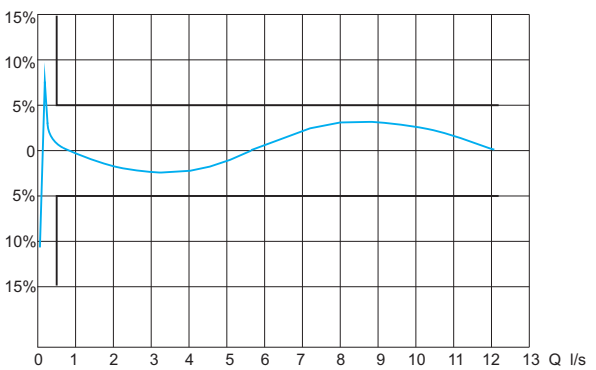
FLOW LIMITER



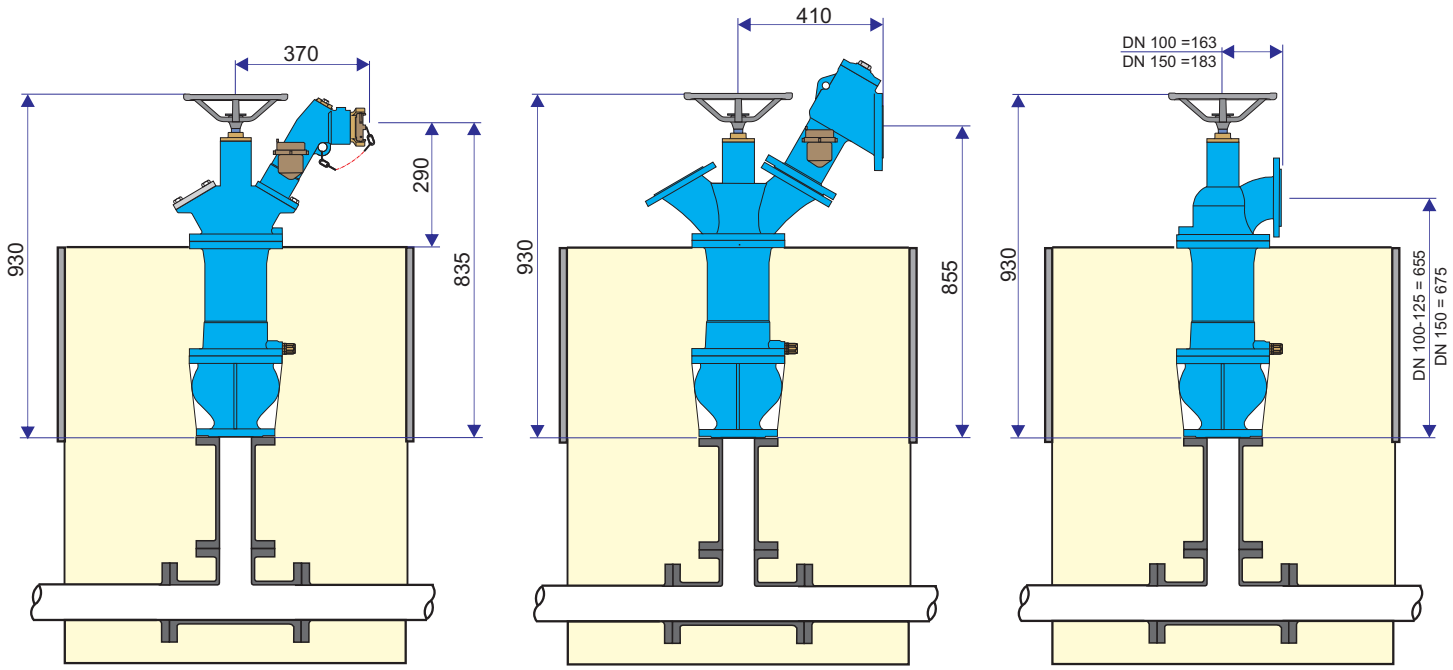
PRESSURE REGULATOR (OPEN POSITION)



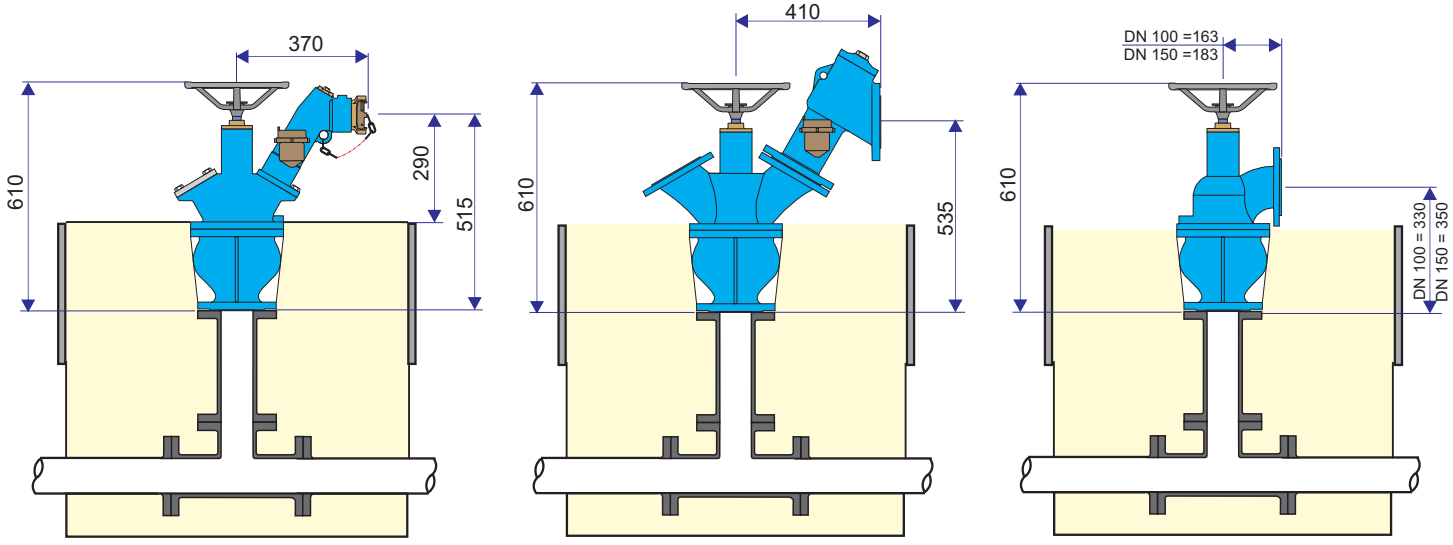
PRECISION COUNTING



HYDRANTS WITH ANTIFROST PROTECTION (LONG BODY)



HYDRANTS WITHOUT ANTIFROST PROTECTION (SHORT BODY)



WITH ANTIFROST		WITHOUT ANTIFROST		OUTLETS	
TYPE	Kg	TYPE	Kg	TYPE	Kg
A2	56	A2	40	A DN 65 complete	11,5
A4	58	A4	42	A DN 65 without water meter	10,5
B2	67	B2	51	B DN 100 complete	36
C 100	59	C 100	43		
C 150	68	C 150	52		