



Vacuum breaker air valve Mod. LYNX 2F

The double function automatic air valve Mod. LYNX 2F will allow the discharge and entrance of large volumes of air during pipe filling and draining and bursts. This version is usually recommended in changes in slope ascending, long ascending segments, dry fire systems, and wherever the air release won't be required.



Technical features and benefits

- Single chamber body in ductile cast iron, PN 40 bar rated, provided with internal ribs for accurate guiding of the float.
- Aerodynamic deflector in stainless steel to avoid premature closures of the mobile block.
- Drainage valve, produced, for chamber control and pressure relief during maintenance.
- Solid cylindrical float, obtained by CNC machining, that avoids deformations and ensures a great sliding precision inside the body processed ribs and a perfectly vertical thrust.
- Maintenance can be easily performed from the top, without removing the air valve from the pipe.
- Cover in ductile and screen in stainless steel as a standard execution to prevent the entrance of insects, with three more optional outlets (for submerged applications, air inlet only, air outlet only).

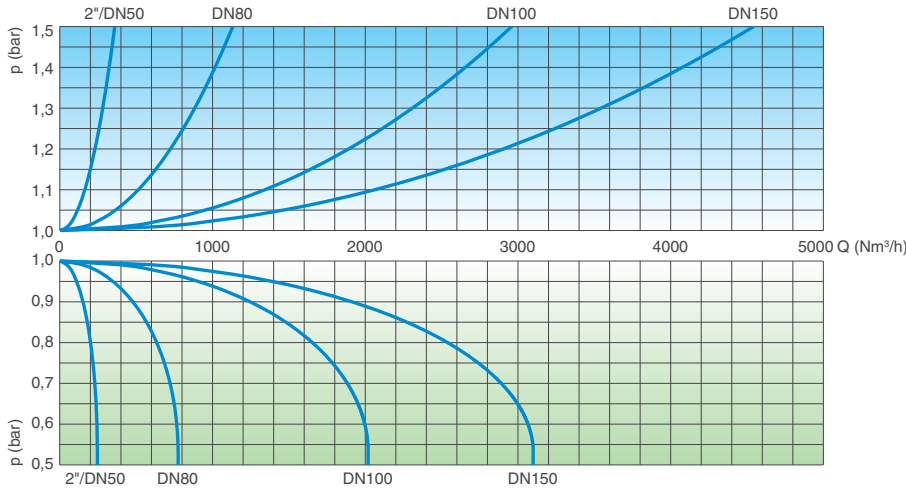
Applications

- Main transmission lines.
- Water distribution networks.
- Irrigation systems.
- In general this model is used on changes in slope and at the high points of the pipeline.

Technical data

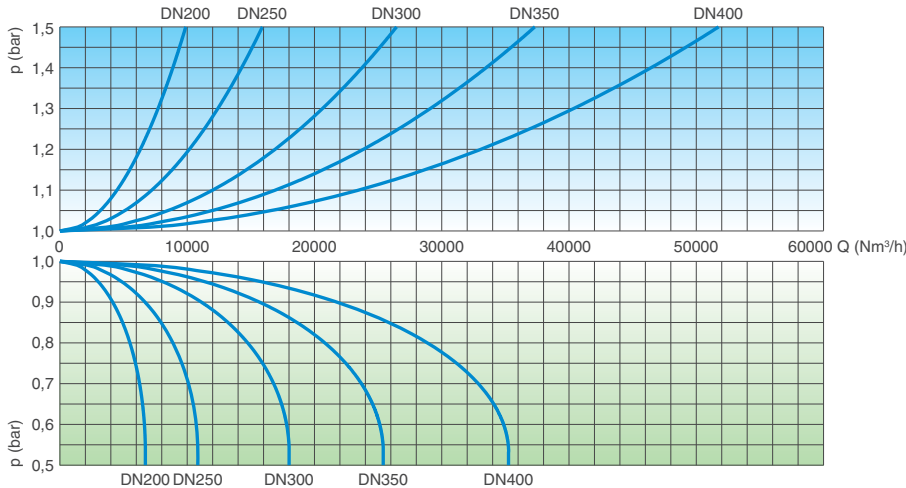
Air flow performance charts

AIR DISCHARGE DURING PIPE FILLING



AIR ENTRANCE DURING PIPE DRAINING

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Working conditions

Treated water max. 60°C.

Max. pressure 40 bar.

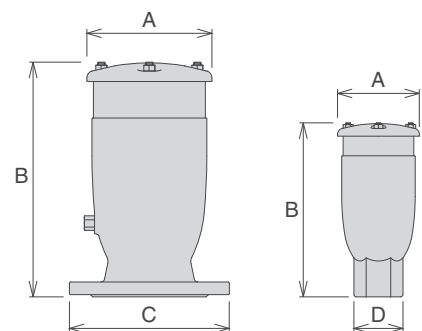
Min. pressure 0,2 bar. Lower on request.

Standard

Designed in compliance with EN-1074/4 and AWWA C-512. Flanges according to EN 1092/2 or ANSI. Epoxy painting applied through fluidized bed technology blue RAL 5005. Changes on the flanges and painting on request.

Weights and dimensions

CONNECTION inch/mm	A mm	B mm	C mm		D mm	Weight Kg
Threaded 2"	117	231	-	-	CH 70	4,8
Flanged 50	117	236	165	-	-	6,8
Flanged 80	141	305	210	205	-	10,8
Flanged 100	172	303	235	220	-	13,8
Flanged 150	206	337	305	285	-	23,0
Flanged 200	285	515	375	340	-	55,0
Flanged 250	380	625	450	-	-	101,0
Flanged 300	414	735	485	-	-	127,0
Flanged 350	492	850	580	-	-	250,5
Flanged 400	578	995	660	-	-	304,0



Values are approximate, consult us service for more details.