SLANTED GLOBE VALVE PN16

ISO 9001:2008

Size :	DN 1/2" to 2"
Ends :	Female - Female BSP
Min Temperature :	- 10°C
Max Temperature :	+ 110°C
Max Pressure :	16 Bars
Specifications :	Micrometrical rating Flap perforated for lead sealing on the body Brass drain
Materials :	Brass body CW617N

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SPECIFICATIONS :

- Respect the flow direction (indicated by an arrow on the body)
- Micrometrical rating
- Flap perforated for lead sealing on the body
- Brass body and drain
- Female threaded BSP cylindrical ends

USE :

- For heating
- Min and max Temperature Ts : - 10°C to + 110°C
- Max Pressure Ps : 16 bars

RANGE :

- Brass body threaded female cylindric BSP from DN 1/2“ to DN 2“ **Ref. 465**

SETTING :

Please choose the right position thanks to diagram in the following pages :

- Close the valve
- Remove the handwheel nut
- Screw up to the closed position the setting nut
- Unscrew the setting screw as choosen on diagram
- Put the handwheel
- Open completely the valve
- Put the handwheel nut

After the setting the head lose of the valve is those choosen.
The valve can be closed,and opened,but not after the fixed value.

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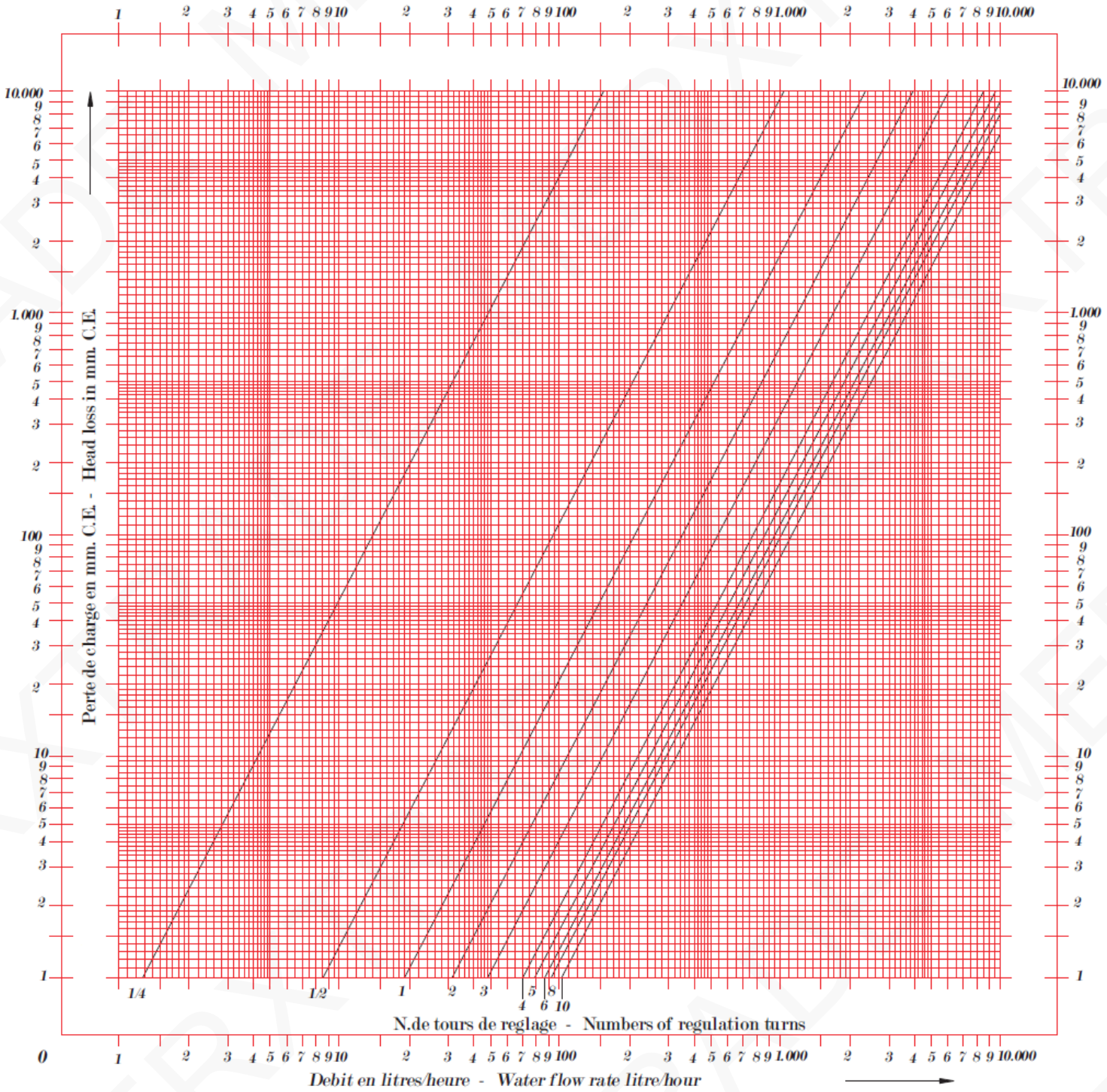
HEAD LOSS FOR DN 1/2" :



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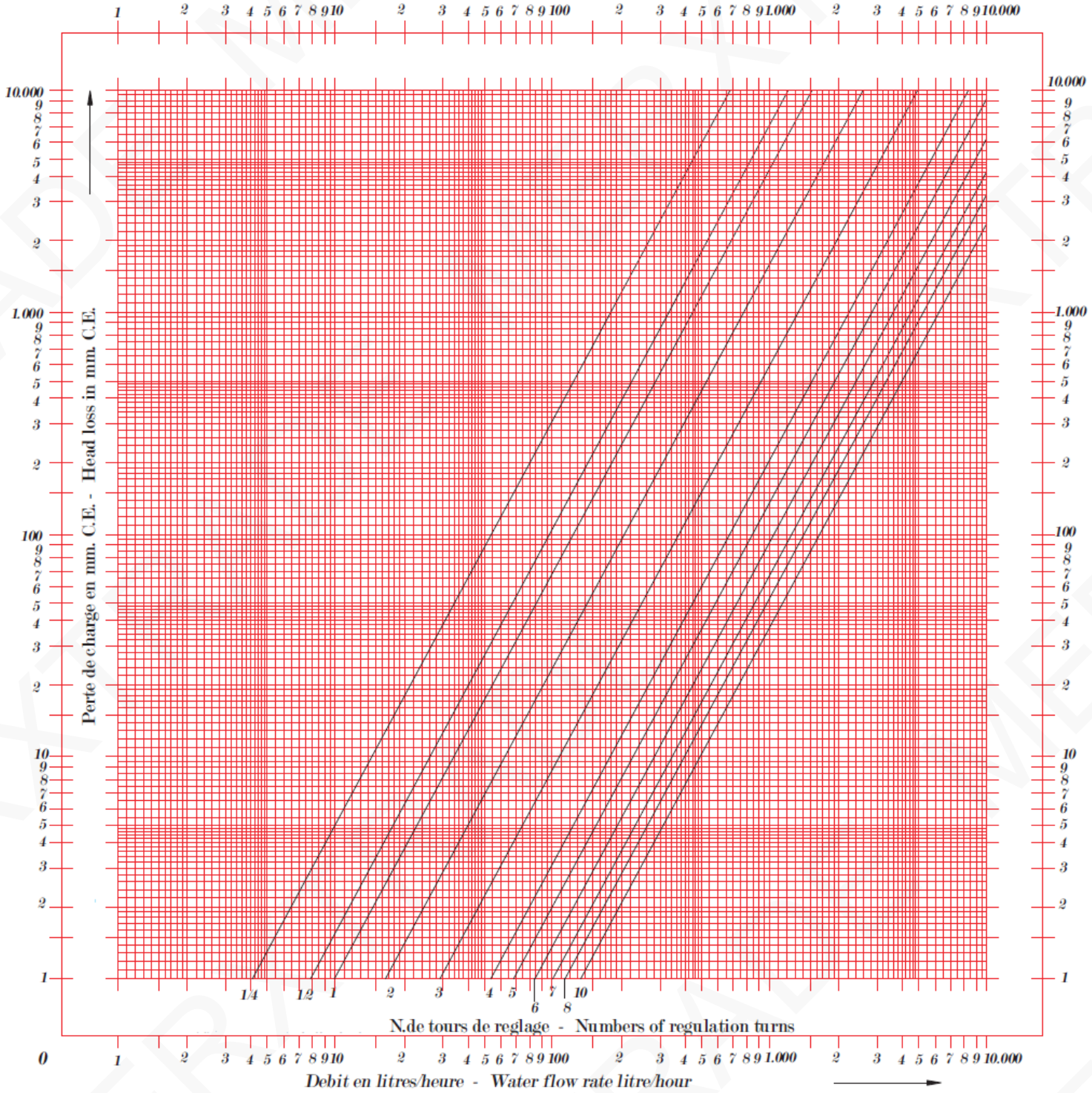
HEAD LOSS FOR DN 3/4" :



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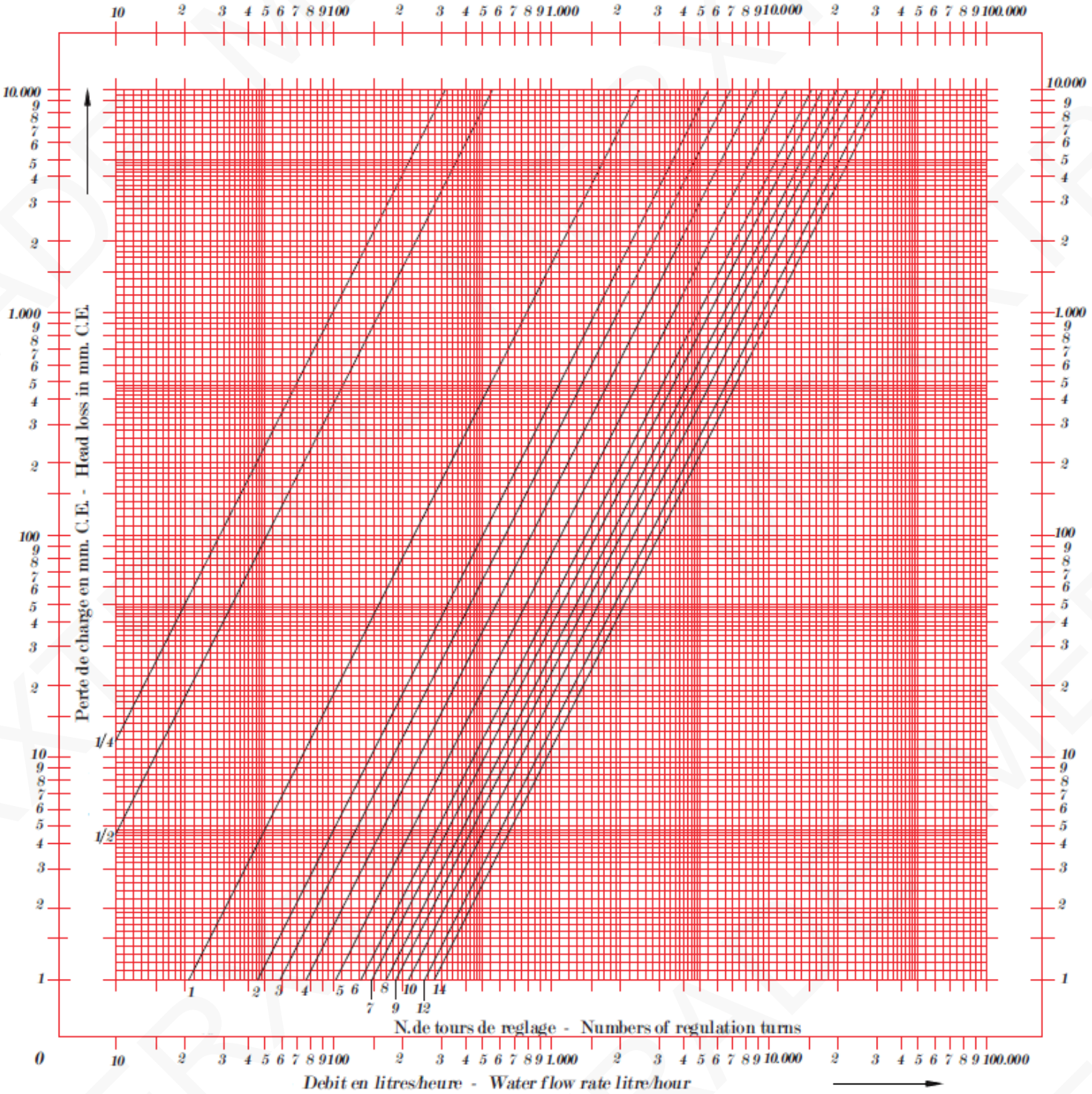
HEAD LOSS FOR DN 1" :



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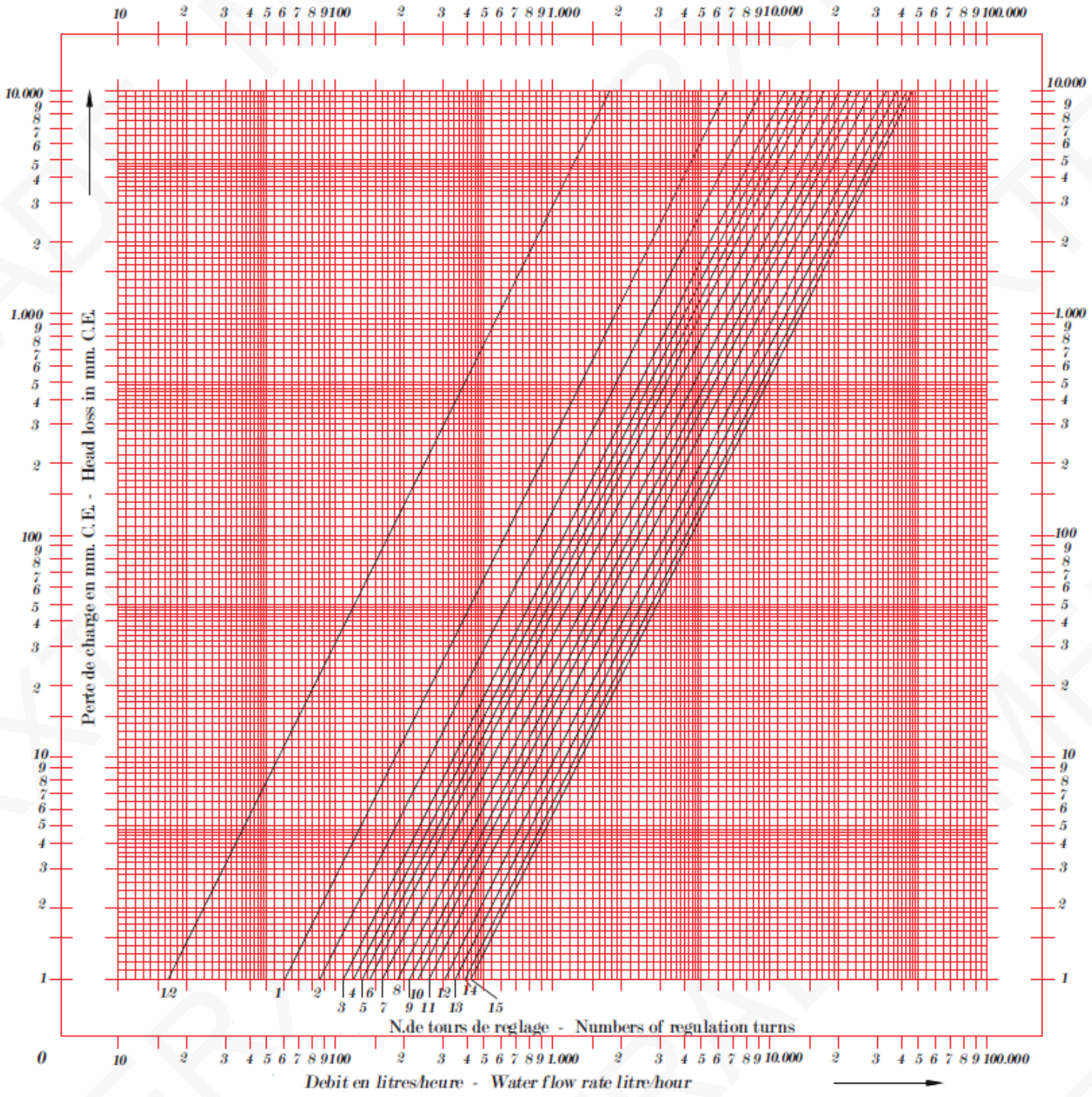
HEAD LOSS FOR DN 1"1/4 :



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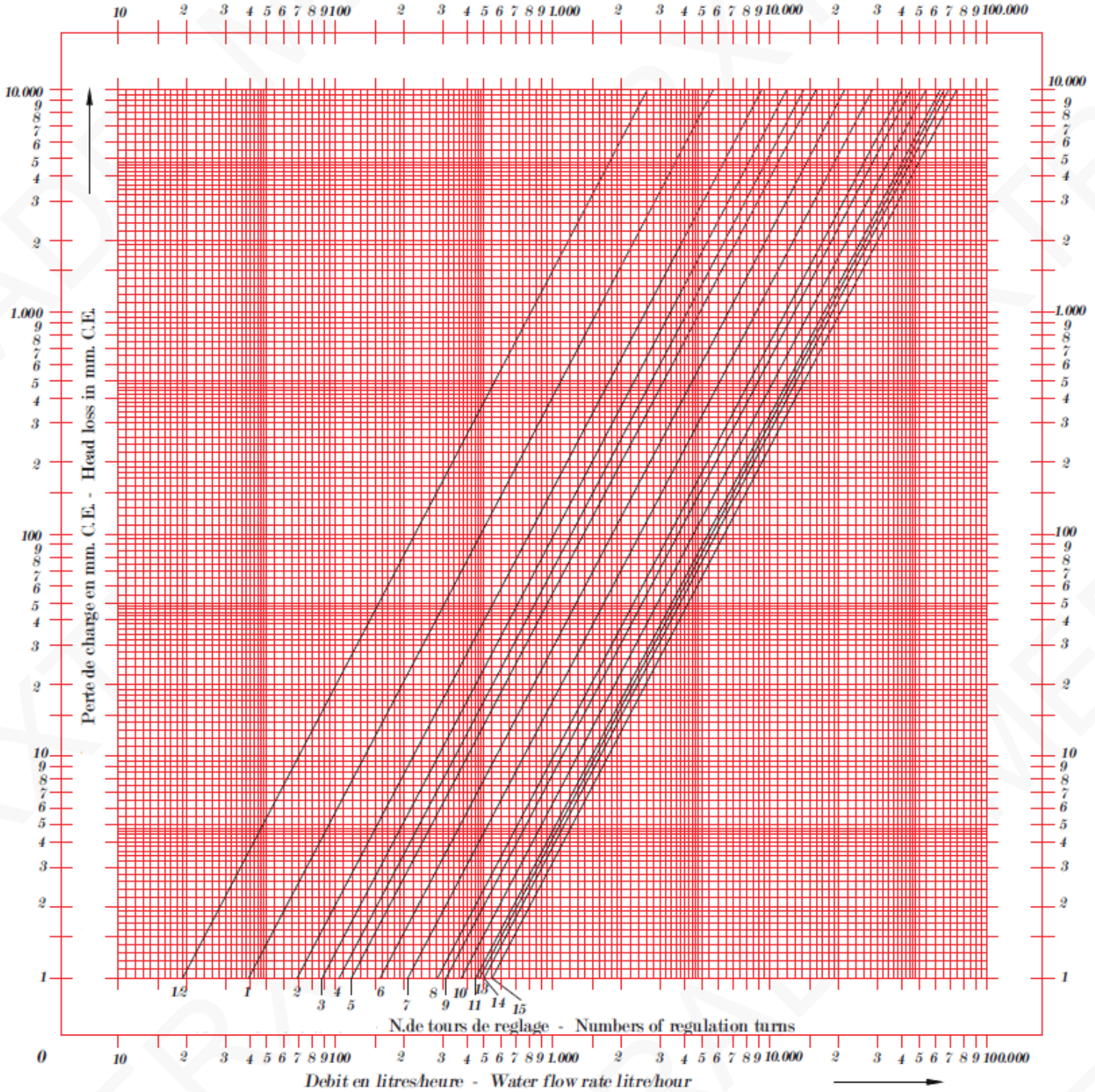
HEAD LOSS FOR DN 1"1/2 :



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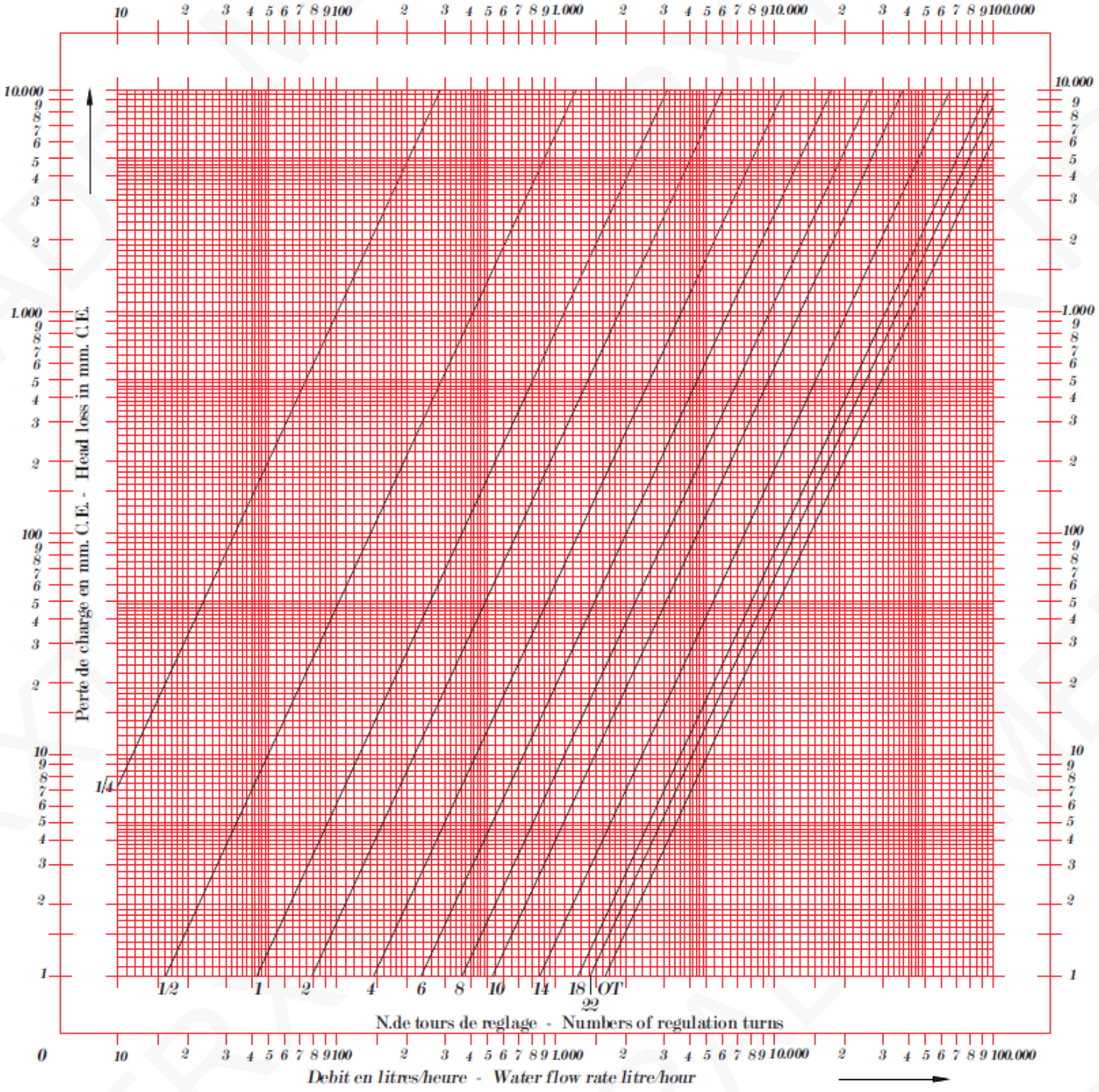
HEAD LOSS FOR DN 2" :



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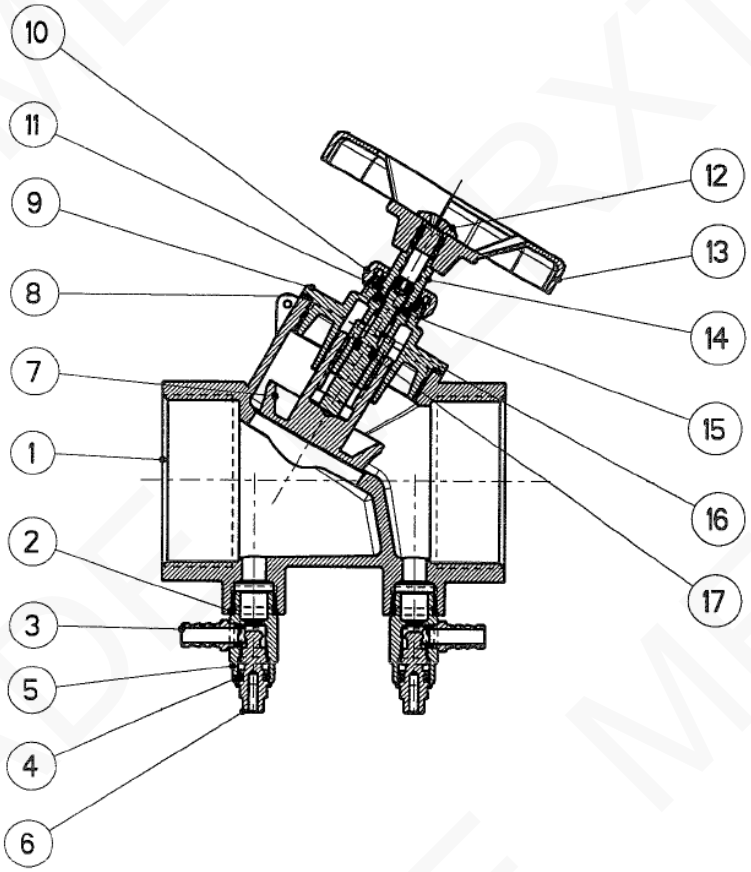
MATERIALS :



Item	Designation	Materials
1	Body	Brass CW 617N according to EN 12165
2	O ring	NBR
3	Hose	Brass CW 614N according to EN 12164
4	O ring	NBR
5	Drain	Brass CW 614N according to EN 12164
6	Plug	Brass CW 614N according to EN 12164
7	Obturating	Brass CW 614N according to EN 12164
8	Gasket	PTFE
9	Bonnet	Brass CW 617N according to EN 12165
10	Nut setting	Brass CW 614N according to EN 12164
11	Packing	PTFE
12	Screw	Steel
13	Handwheel	Aluminium
14	Stem	Brass CW 614N according to EN 12164
15	O ring	NBR
16	Internal stem	Brass CW 614N according to EN 12164
17	O ring	NBR

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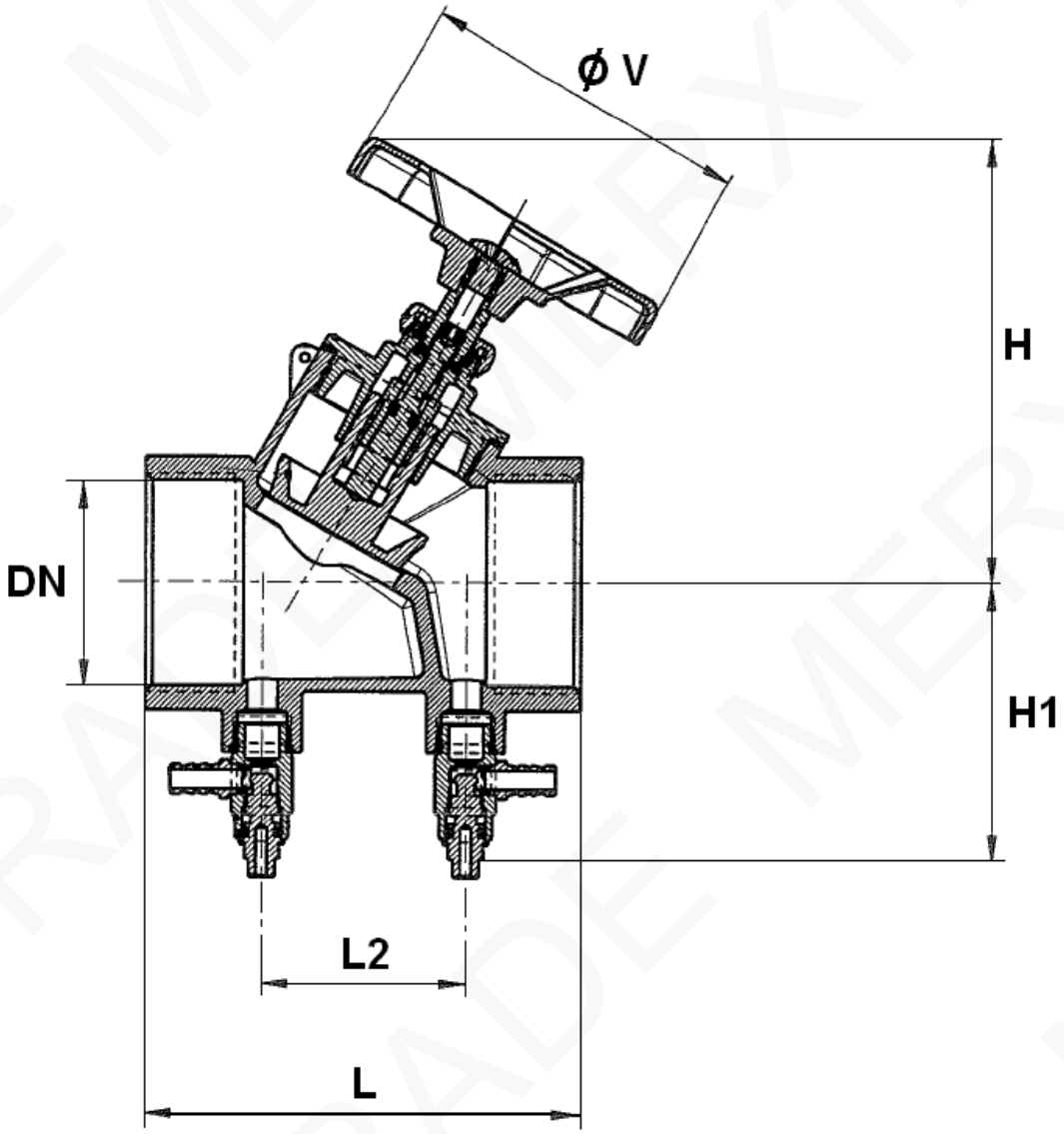
SIZE (in mm) :



Ref.	DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"
465	L	62	66	80	91	97	125
	L2	28	28	33	42	45	57
	H	65.5	66.8	82.4	93.8	98.8	112.5
	H1	46.4	48.4	52.4	56.9	61.9	65.5
	Ø V	60	60	60	75	75	75
	Weight (Kg)	0.21	0.27	0.43	0.76	0.89	1.48

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STANDARDS :

- Fabrication according to ISO 9001 : 2008
- DIRECTIVE 2014/68/EU : Products excluded from directive (article 1, § 2b)
- French water agreement **A.C.S. N° 18 ACC LY 423**
- Threaded female BSP cylindric according to ISO 228/1

ADVICE : Our opinion and our advice are not guaranteed and MXT shall not be liable for the consequences of damages. The customer must check the right choice of the products with the real service conditions.

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INSTALLATION INSTRUCTIONS

GENERAL GUIDELINES :

- Ensure that the valves to be used are appropriate for the conditions of the installation (type of fluid,pressure and temperature).
- Be sure to have enough valves to be able to isolate the sections of piping as well as the appropriate equipment for maintenance and repair.
- Ensure that the valves to be installed are of correct strenght to be able to support the capacity of their usage.
- **Installation of all circuits should ensure that their function can be automatically tested on a regular basis (at least two times a year).**

INSTALLATION INSTRUCTIONS :

- **Before installing the valves,clean and remove any objects from the pipes** (in particular bits of sealing and metal) which could obstruct and block the valves.
- **Ensure that both connecting pipes either side of the valve (upstream and downstream) are aligned (if they're not,the valves may not work correctly).**
- **Make sure that the two sections of the pipe (upstream and downstream) match,the valve unit will not absorb any gaps.Any distortions in the pipes may affect the thightness of the connection,the working of the valve and can even cause a rupture.**To be sure,place the kit in position to ensure the assembling will work.
- Before starting the fitting,ensure that the threads and tapping are clean.
- **If sections of piping do not have their final support in place,they should be temporarily fixed.This is to avoid unnecessary strain on the valve.**
- The theoretical lenghts given by ISO/R7 for the tapping are typically longer than required,the lenght of the thread should be limited, and **check that the end of the tube does not press right up to the head of the thread.**
- For the sealing assembly valve piping, it is essential to use products that are compatible with the requirements of the French water agreement ACS : **plumbers hemp proscribed**.
- Position the pipe clips on both sides of the valve.
- If mounting on an air conditioning with PER tubing and hoses,it is necessary to support the tubes and hoses with the fixing to avoid strain on the valve.
- When screwing the valve,ensure that you only rotate on screwed side by the 6 ended side.Use an open ended spanner or an adjustable spanner and not a monkey wrench.
- **Never use a vice to tighten the fixings of the valve.**
- Do not over tighten the valve.Do not block with any extensions as it may cause a rupture or weakening of the casing**.**
- **In general,for all valves used in buildings and heating,do not tighten above a torque of 30 Nm.**

The advice and assembly instructions above do not conform to any guarantee.
The information is given in general.It states what must not and must be done.
It is provided to ensure the safety of the personnel and the reliability of the valves.
The instructions in bold must be followed.