

GATE VALVE FORGED STEEL

Ref. 112/113/114/152/153

Ref. : FT 112

Rev. : 4

Date : 11/08

Page 1/2



Valves and fittings

90 rue du ruisseau 38297 ST QUENTIN FALLAVIER

Tel : (33)04.74.94.15.90 Fax : (33) 04.74.95.62.08

E.mail : sferaco@sferaco.fr

SPECIFICATIONS :

- . Reduce bore
- . Forged steel or stainless steel
- . Bolted gland pack and hat
- . Rising stem
- . 1/2 stellite (trim 8) for carbon steel valves
- . Trim 10 standard stainless steel 316 for stainless steel valves

USE :

- . For common fluids
- . Max temperature Ts : 440°C
- . Max pressure Ps : 138 bars

RANGE :

- . Steel socket weld ends SW Ref. 112 ND10 to DN50
- . Steel thread NPT Ref. 113 3/8" to 2"
- . Steel thread BSP Ref. 114 3/8" to 2"
- . Stainless steel socket weld ends SW Ref. 152 DN10 to DN50
- . Stainless steel thread NPT Ref. 153 3/8" to 2"

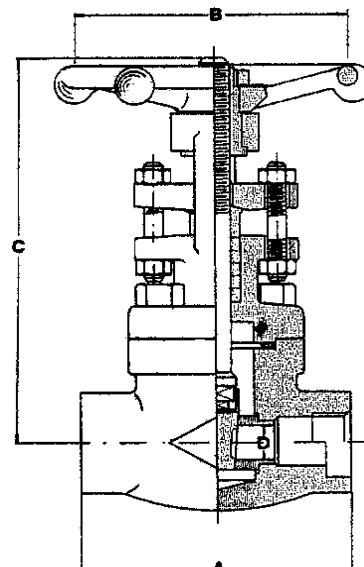
MATERIALS :

DESIGNATION	STEEL VERSION	STAINLESS STEEL VERSION
Body	Steel A105	316 SS
Bonnet	Steel A105	316 SS
Wedge	F6	316 SS
Seat	410 stellit	316 SS
Stem	410	316 SS
Packing gland	Graphite	Graphite
Packing	Graphite	Graphite
Packing nut	316 SS	316 SS
Hand wheel	Carbon steel	Carbon steel



SIZE :

Ref.	Ø	3/8"	1/2"	3/4"	1"	1" 1/4"	1" 1/2"	2"
112/113	A	80	80	90	110	127	127	127
114/152	B	80	80	80	110	130	130	180
153	C	148	148	163	178	210	243	262
	D	9,6	9,6	14	18	24	30	37
	Weight	1,6	1,6	2,2	3,5	5	6,5	9



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Page 2/2



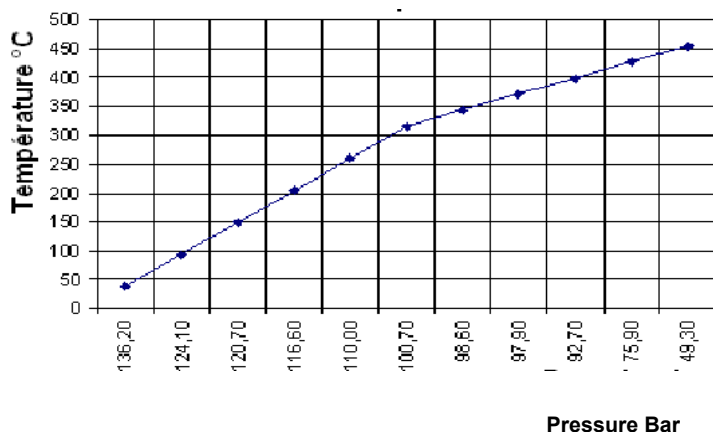
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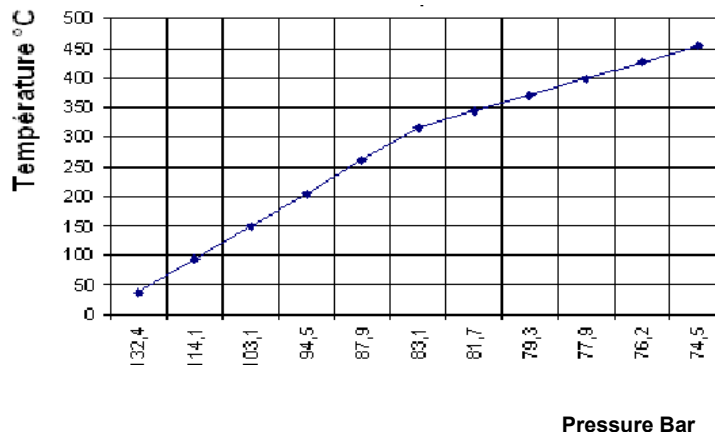
FLOW COEFFICIENT Kv (M3 / h) :

DN	3/8"	1/2"	3/4"	1"	1" 1/4	1" 1/2	2"
Kv	3,7	4,8	10,4	23,4	47,6	69,2	90,8

GRAPH P/T Carbon Steel



GRAPH P/T Stainless Steel



STANDARDS :

- . 97/23/CE directive : CE 0036
- . Risk category III module H
- . ATEX 94/9/EC Group II Category 2 GD

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