

Fill Cluster

Type 07012 - Fill cluster with check function



Cryogenic-Fill cluster, PN40

Stainless steel body and bronze topwork
with check function and drain valve
"live loaded" gland packing
"cleaned and degreased for oxygen service"

Part No. 07012.X.5000

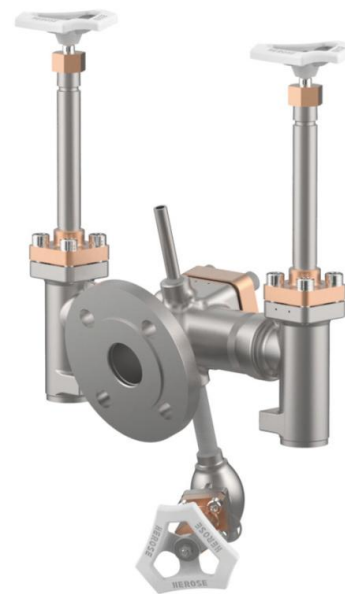
Fill connection: Flange DN40 acc. to DIN EN 1092-1 PN40
Socket weld connection for stainless steel pipes
acc. to ISO 1127 or ASTM A312
Non-return unit metal to metal seated, leakage rate D acc. to EN12266-1

Available options - on request only:

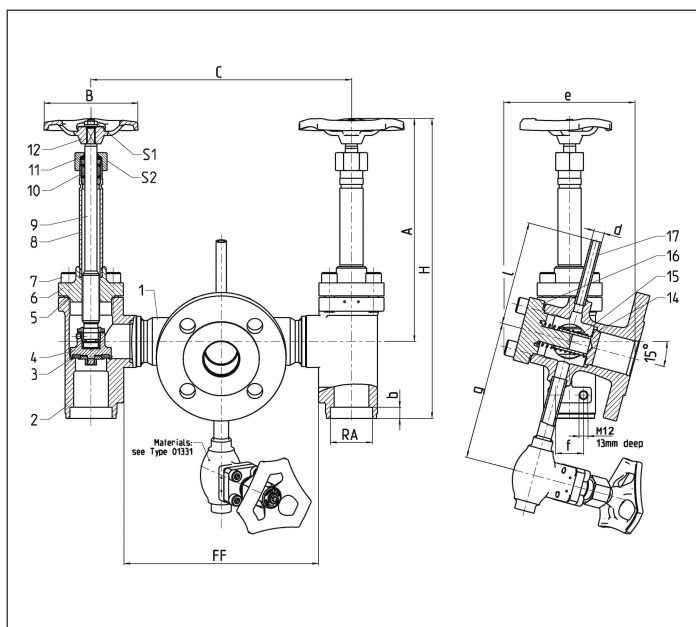
- other fill connections
- integrable strainer

Applications:

Approved for air gases, vapours and cryogenic liquefied gases incl. LNG.
Working temperature: -196°C / -321°F (77K) up to +120°C / +248°F (393K)



Materials	DIN EN	ASTM
1 Fill body	1.4308	A 351 CF8
2 Body	1.4308	A 351 CF8
3 Valve seal	PTFE / Carbon filled (25%)	
4 Disc	CW614N	B 283 UNS C38500
5 Bonnet gasket	PTFE	
6 Headpiece	CC493K	B 505 UNS C93200
7 Bolts	1.4301/A2	A 194 B8
8 Elongation tube	1.4541	A 213 TP 321
9 Stem	1.4301	A 276 Grade 304
10 Gland packing	Graphite / PTFE	
11 Gland nut	CW614N	B 283 UNS C38500
12 Handwheel	Aluminium alloy	
14 Check disc	CW452K	B 159 UNS C51900
15 Spring	1.4571	A 313 Grade 316Ti
16 Cap	CC493K	B 505 UNS C93200
17 Tube	1.4541	A 213 TP 321



Type 07012 - Standard design	Technical data		
Nominal size	DN	25	40
Dimension code	.X.	2533	4048
Face-to-face dimension	FF	225	225
Outside pipe-Ø ISO 1127	RA	33.7	48.3
Outside pipe-Ø ASTM A312	RA	33.40	48.26
Socket depth	b	13	13
Height	A	270	270
Height	H	350	350
Length	c	295	301
Length	e	76	76
Length	f	32	32
Length	g	160	160
Length	l	120	120
Diameter	d	12x2	12x2
Handwheel-Ø	B	100	125
Wrench size across flats	S ₁	7	10
Wrench size across flats	S ₂	30	36
Weight	ca. kg	12.6	15.4

Dimensions in mm.