



Szalai és Társa Kft.  
1992

# VDM3-40-BSP-316



## BALLVALVE



\*the image is for illustration purposes only,  
exact appearance based on the current version on request

### APPLICATION :

Chemical industries, petrochemical industries, hydraulic installation, heating, water distribution, compressed air.

### GENERAL CHARACTERISTICS :

Full bore  
Anti blow-out stem  
PTFE packing  
Double antistatic device (between stem-body and stem-ball)  
Locking device

### STANDARDS :

Manufacture according to ISO 9001 : 2015  
Construction according to EN 12516-2  
DIRECTIVE 2014/68/EU : For liquids and gas of Group 1  
DN1"1/4"-1" : Article 4, §3 (SEP), no CE marking  
DN1"1/4"-2" : Risk Category II, CE0038 or CE0343 marking  
Female cylindrical BSP threaded ends according to ISO228-1  
ISO 5211 direct mounting pad  
ATEX Group II Category 2G IIA TX (optional marking) according to Directive 2014/34/UE

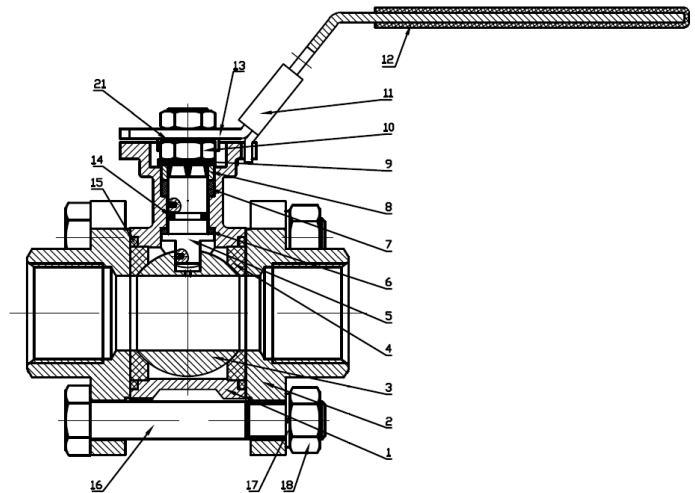
### WORKING CONDITIONS (EPDM):

Maximum Working Pressure : 63 bar up to 3/4", 40 bar from DN1" to 2"  
Maximum Working Temperature : -20 °C / +180 °C.

### MATERIALS:

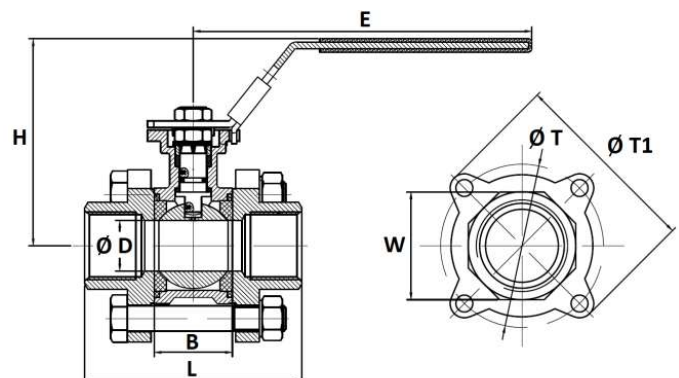
Item	Designation	Materials
1	Body	ASTM A351 CF8M
2	End cap	ASTM A351 CF8M
3	Ball	AISI 316
4*	Seat	PTFE + 15% glass
5	Stem	AISI 316
6*	Stem seal	PTFE
7*	Packing	PTFE
8	Thrust washer	AISI 304
9	Elastic ring	AISI 304
10	Packing nut	AISI 304
11	Locking device	AISI 304
12	Handle cover	Plastic
13	Handle	AISI 304
14	O Ring	FKM
15*	Body gasket	PTFE
16	Stud	AISI 304
17	Washer	AISI 304
18	Nut	AISI 304
21	Washer	AISI 304

\* included gasket kit



### DIMENSIONS :

DN	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
Ø D	11.5	12.5	15	20	25	32	38	50
L	64	64	66	70.6	82	97	109	124.6
B	26	26	26	28.6	34	44	51	62.8
E	141	141	141	141	162	162	188	188
H	75	75	75	81	93	98	109	124
Ø T	47.5	47.5	47.5	51.5	58	70	81.5	101
T1	62	62	62	66	74.5	86.5	100.5	121.5
W	18	21	26	32	39	48	55	67
Weight (in Kg)	0.54	0.54	0.62	0.73	1.09	1.49	2.41	3.7



fax: (1) 260 2607  
tel: (1) 433 3914

warehouse: 2360 Gyál, Bánki Donát utca 28.  
office: 1108 Budapest, Venyige utca 3.

e-mail: [szalaikft@szalaikft.hu](mailto:szalaikft@szalaikft.hu)  
web: [www.szalaikft.hu](http://www.szalaikft.hu)