



# s.136 NPT stainless steel

full port  
6"- 8" flanged ball valve



## Quality

- Anti-static device
- Locking device
- Long cycle life
- Test standard: API 598
- API 607 4th edition fire safe approval
- Vacuum service to 29" Hg

## Body

- ISO 5211 actuator mounting pad
- Body: ASTM A351 Gr. CF8M

## Stem

- Blow-out proof stem design
- Adjustable stem packing

## Connections

- ANSI B16.5, B16.10 and B16.34 full compliance

## Handle

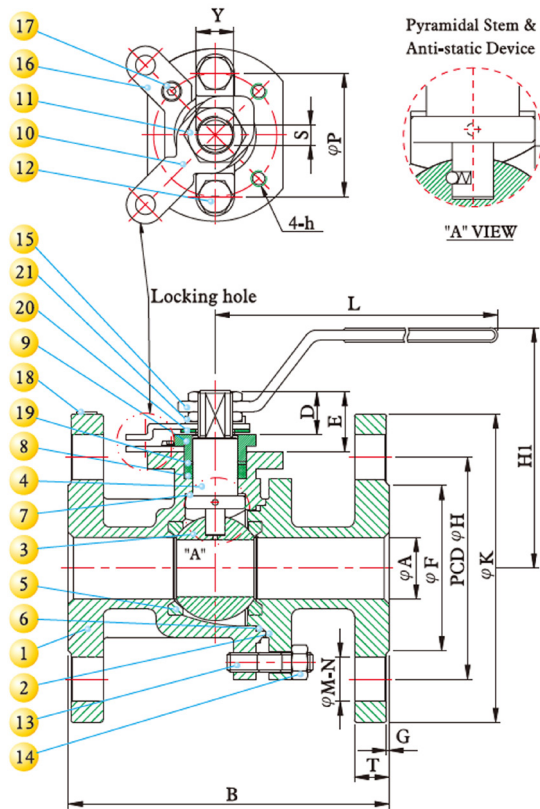
- Handle in ASTM A536 Gr. 65-45-12 / SS304
- **WARNING:** do not exceed reasonable temperature and/or electrical load

## Working pressure & temperature

- General use: 50 bar / 750 PSI (see chart on reverse)
- 19 bar / 275 PSI for ASME 150 CF8M (see chart on reverse)
- Steam rating: 10 bar / 150 PSI WSP
- -45,5°C to +246°C (-50°F to +475°F)
- **WARNING:** freezing of the fluid in the installation may severely damage the valve

## Sealing

- ME-PTFE seal kits:
  - replaces PTFE, RPTFE and FPA
  - low deformation under load
  - low permeation



Part description	Qty	Material	
1	Body	1	ASTM A351-CF8M
2	Cap	1	ASTM A351-CF8M
3	Ball	1	ASTM A351-CF8M
4	Stem	1	ASTM A276 Gr. 316
5	Seat	2	ME-PTFE*
6	Gasket	1	GRAFOIL
7	Thrust washer	1	ME-PTFE*
8	Packing	1	GRAFOIL
9	Gland	1	ASTM A351-Gr.CF8
10	Stopper	1	SS304
11	Handle nut	1	SS304
12	Gland bolt	1	ASTM A193 Gr. B8
13	Stud bolt - Qty 4-10		ASTM A193 Gr. B8
14	Set nut - Qty 4-10		ASTM A194 Gr. 8
15	Handle	1	SS304
16	Locking plate	1	SS304
17	Set bolt	2	SS304
18	Name plate	1	SS304
19	Ring	1	SS304
20	Bearing	1	NYLON
21	Lock washer	1	SS304

**Torque for actuator sizing in-lb**

Delta P -->	Valve torque	
	to open	to close
Valve size		
6"	2531.4	2531.4
8"	5753	5753

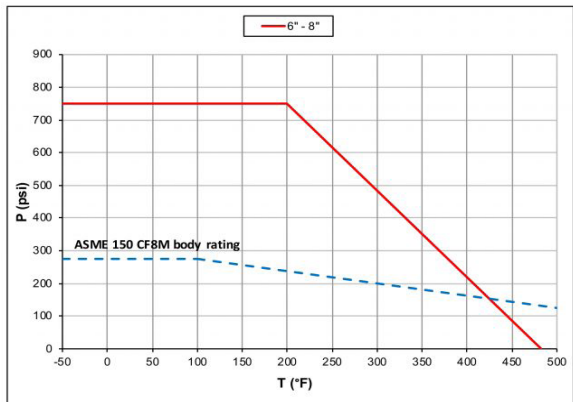
**Torque correction factors**

Valve torque can vary according to operating frequency, temperature and friction characteristics of the media.

If media has more or less friction than water, multiply torque by the following factors.

- Lubricating oils or liquids 0.8
- Dry gases, natural gas 1.5
- Slurries or liquids bearing abrasive particles 1.5-2.5

**Pressure-temperature chart**



\*ME-PTFE is Molecular Enhanced PTFE

Code	136PF0	136QF0	Code	136PF0	136QF0
Size (inch)	6"	8"	Size (inch)	6"	8"
A (mm)	150	200	A (inch)	5.91	7.87
B (mm)	393.7	457.2	B (inch)	15.50	18.00
E (mm)	67.3	72.7	E (inch)	2.65	2.86
F (mm)	215.9	269.7	F (inch)	8.50	10.62
D (mm)	37.7	47.8	D (inch)	1.48	1.88
G (mm)	1.6	1.6	G (inch)	0.06	0.06
H (mm)	241.3	298.4	H (inch)	9.50	11.75
K (mm)	279.4	342.9	K (inch)	11.00	13.50
T (mm)	25.4	27	T (inch)	1.00	1.06
M (mm)	22.3	22.3	M (inch)	0.88	0.88
N	8	8	N	8	8
P (mm)	125	140	P (inch)	4.92	5.51
S (mm)	20	33	S (inch)	0.79	1.30
L (mm)	1032	1080	L (inch)	40.63	45.52
H1 (mm)	263.5	305	H1 (inch)	10.37	12.00
h	M12x1.75	M16x2.0	h	M12x1.75	M16x2.0
Kv (m³/h)	1158	2134	CV (GPM)	5100	9400

**WARNING:** This product can expose you to chemicals including lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)