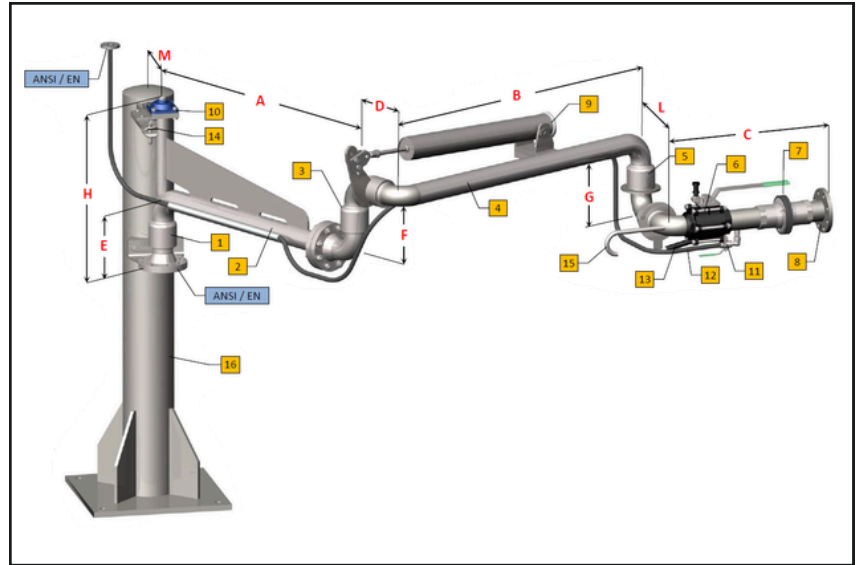


# Model 2503-BC

## Triple Range Bottom Loading Station

Part List		
Pos.	Description	Model
1	Style 30 Base Swivel Joint	2174
2	Boom Assembly	
3	Style 70 Double Swivel Joint	2174
4	Primary Arm	
5	Style 70 Double Swivel Joint	2174
6	Manual Ball Valve with Locking Device	
7	Safety Breakaway Coupling	
8	Final Loose Flange	
9	Spring Balancing Cylinder	05182
10	Pillow Block	4354
11	Drain Valve	
12	Flanged Drain Flexible Hose	(*)
13	Gas Spring Balancer	
14	Locking Device in Parking Position	
15	Handle	
16	Standpost	4928



### Operating Conditions

<b>Design Pressure</b>	40.0 Bar G (up to the ball valve)
<b>Test Pressure</b>	60.0 Bar G (up to the ball valve)
<b>Design Temperature</b>	-40°C/+65°C
<b>Seal Material</b>	Swivel Joints – Buna N Ball Valve – PTFE
<b>Fluid Velocity</b>	4.5 m/s

### Standard Dimensions

Dia	2" x 1.5"	2" x 2"	3" x 2"	3" x 3"
A	1500	1500	1500	1500
B	1800	1800	1800	1800
C	600	650	650	750
D	221	221	221	296
E	218	218	278	278
F	221	221	221	296
G	233	221	221	296
H	600	600	650	650
L	233	221	221	296
M	300	300	300	300
<b>Weight</b>	100	110	120	150

### Options:

- Hammer union or dry gas coupling (pos. 8)
- Drain valve (pos. 11) with "dead man" function
- Non-destructive tests (RT-PT-MT) available on request

### Notes:

- Earthing continuity along the arm, according to the ATEX directive.
- (\*) equipped with protective tube along the straight parts of the arm

### Demonstration of Operating Area

