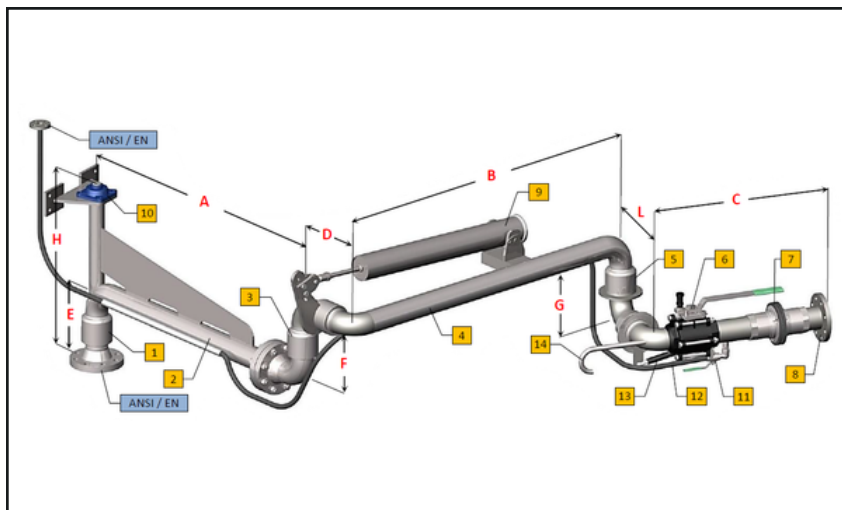


Model 2503-BC

Triple Range Bottom Loading Arm

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	Handle	



Operating Conditions

Design Pressure	40.0 Bar G (up to the ball valve)
Test Pressure	60.0 Bar G (up to the ball valve)
Design Temperature	-40°C/+65°C
Seal Material	Swivel Joints – Buna N Ball Valve – PTFE
Fluid Velocity	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
Weight	100	110	120	150

Options:

- Base flange support bracket
- Locking device for the arm in parking position
- Proximity switch to signal the arm in parking position
- 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

