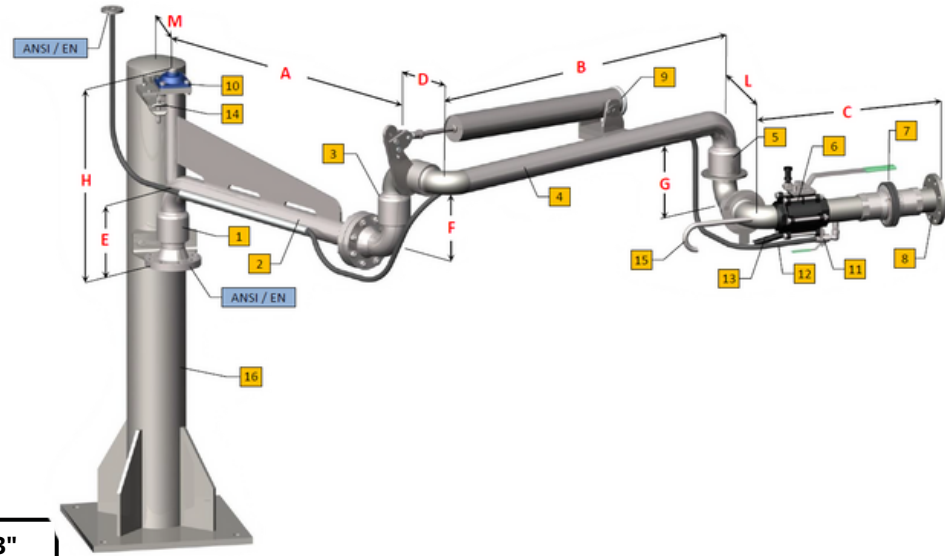


# Triple Range LPG Bottom Loading Arm - Model 2503-BC with Loading Station

## Operating Conditions

Design Pressure	40.0 Bar G (Till Ball Valve)
Test Pressure	60.0 Bar G (Till Ball Valve)
Design Temperature	-40°C / +65°C
Seal Material	Swivels: BUNA N Valve: PTFE
Flow Rate	4.5 m/s



## Standard Dimensions

Dn.	2"x1.5"	2" x 2"	3" x 2"	3"x3"
<b>A</b>	1500	1500	1500	1500
<b>B</b>	1800	1800	1800	1800
<b>C</b>	600	650	650	750
<b>D</b>	221	221	221	296
<b>E</b>	218	218	278	278
<b>F</b>	221	221	221	296
<b>G</b>	233	221	221	296
<b>H</b>	600	600	650	650
<b>L</b>	233	221	221	296
<b>M</b>	300	300	300	300
<b>Weight</b>	100	110	120	150

N.	Description	Dwg/Mod
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	ANSI/EN Loose Flange	-
9	Spring Balancing Cylinder	05182
10	Pillow Block	C-4354
11	1.5" Drain Valve	-
12	Drain Hose + ANSI/EN Connecting Flange	(*)
13	Gas Spring Balancer	-
14	Locking Device Arm in Parking Position	-
15	Handle	-
16	Stand Post	C-4928-B

## Demonstration of operating area



## Notes:

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

## Options:

- WECO or CUNA connector (pos.8)
- Dry-disconnect coupling (pos.8)
- Drain valve (pos.11) with "dead-man" function
- NDT test (RT-PT-MT) available on request