

# EWFM

## Loading and Unloading Arms - Triple range LPG bottom loading station - Model 2503-BC

### Operating Conditions:

**Design Pressure:** 40.0 Bar G (till ball valve)

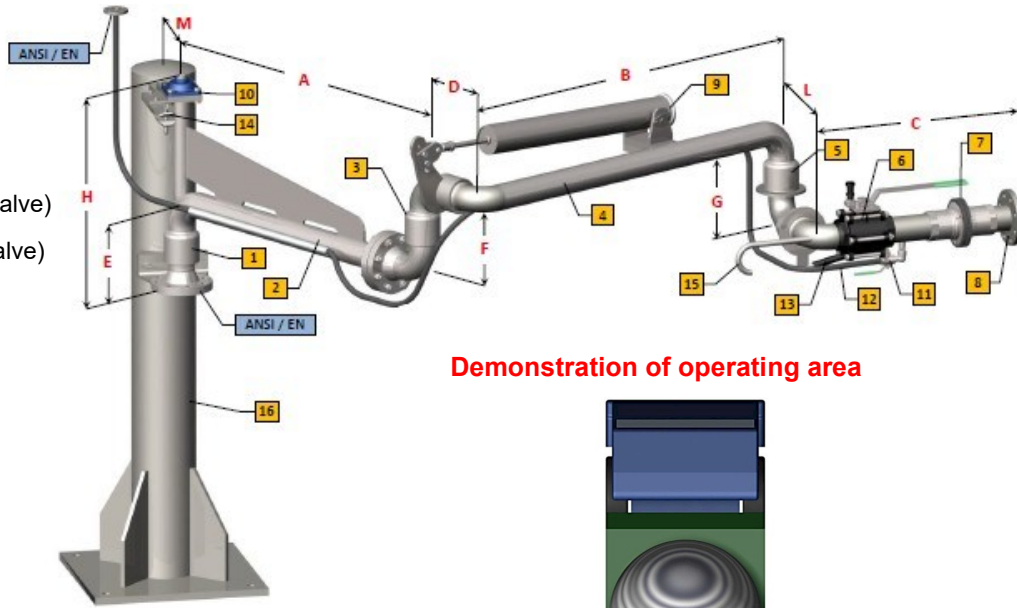
**Test Pressure:** 60.0 Bar G (till ball valve)

**Design Temperature:** -40° C / +65°C

**Seal Material:** Swivels: Buna N

Valve: PTFE

**Flow rate:** 4.5 m/s



### Demonstration of operating area



### Standard Dimensions

Dn.	2"x1.1/2"	2"x2"	3x2"	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>	223	221	221	296
<b>H</b>	600	600	650	650
<b>L</b>	300	300	300	300
<b>Weight</b>	100	110	120	150

Item	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-4345
11	1/2" drain valve	-
12	Drain hose + ANSI/EN connecting flange	(*)
13	Gas spring balancer	-
14	Locking device in parking position	-
15	Handle	-
16	Standpost	C-4928-B

### 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