

Design and construction specification for Bottom loading arms

Engineering data	
Name	
Flow (m ³ /h)	
Density (kg/m ³)	
Viscosity (Cp)	
Temperature (°C) - Design - Operation (min/max)	
Ambient temperature (°C) - Min - Max	
Pressure (kg/cm ²) - Design - Operating	
Atex zonation plan	
PED category if different from the legislation	
Vapour pressure of product at max. design temperature	

Loading arm data		
Loading type:	<input type="checkbox"/> Bottom loading TM	<input type="checkbox"/> Bottom loading TM2
Size:		
Quantity:		
Lay out:	<input type="checkbox"/> Left hand	<input type="checkbox"/> Right hand
Balance:	<input type="checkbox"/> Spring cylinder	<input type="checkbox"/> Counterweight
Vapour return:	<input type="checkbox"/> Yes : _____(Size)	<input type="checkbox"/> No
Remarks:	_____	

Connections	
Connection height (min/max)	
Place of connection - Side - Back side	
Weigh bridge	
Valve FB/RB	
Connections: - Empty running? - Installation side: flange DIN/ASA pressure class - Truck side: <ul style="list-style-type: none"> • Flange connection: DIN/ASA pressure class • Special coupling 	

Dimensions	
D-length (inner arm)	
E-length (outer arm)	
G-length (connecting pipe)	

Material		
Carbon steel: quality: _____	Low carbon steel: quality: _____	
Stainless Steel 304L	Stainless Steel 316L	
Coating off al steel parts:	1 Layer	3 Layer

Product seals		
<input type="checkbox"/> PTFE	<input type="checkbox"/> VITON	<input type="checkbox"/> Other: _____

Accessories		
Emergency release coupling	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Stored position detection	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Ball valve	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Tracing and insulation	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Thermic insulation	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Vapour return	<input type="checkbox"/> Hose	<input type="checkbox"/> Second arm

TM

