

# Data sheet – marine loading arms

**Please fax or mail to EMCO WHEATON  
or your EMCO WHEATON Agent.**

Company	Contact
Address	Tel.-No.
	Fax-No.
	E-mail
Berth Location	Date

**Arm data**

arm number/ tag No.		1	2	3	4
inlet connection	size [inch]				
	rating [lbs]				
ship's end connection	size [inch]				
	rating [lbs]				
drain connection size	shore end [inch]				
	ship's end [inch]				
operation	manual/hydraulic				
arms connected simultaneously					

**Accessories required (cross boxes for „yes“)**

bolted flange				
manual coupler				
hydraulic coupler				
vacuum breaker				
insulation joint				
nitrogen purge to apex				
platforms & ladders				
emergency release system				
other requirements				

**Product data**

product name				
operating pressure [bar g]				
design pressure [bar g]				
operating temperature [°C]				
design temperature [°C]				
flow rate (max.) [m³/h]				
specific gravity [kg/dm³]				
viscosity at ..... °C [cSt]				

**Site data**

ambient temperature [°C]				
sign wind speed (max.) [m/s]				
seismic factor (if any)				

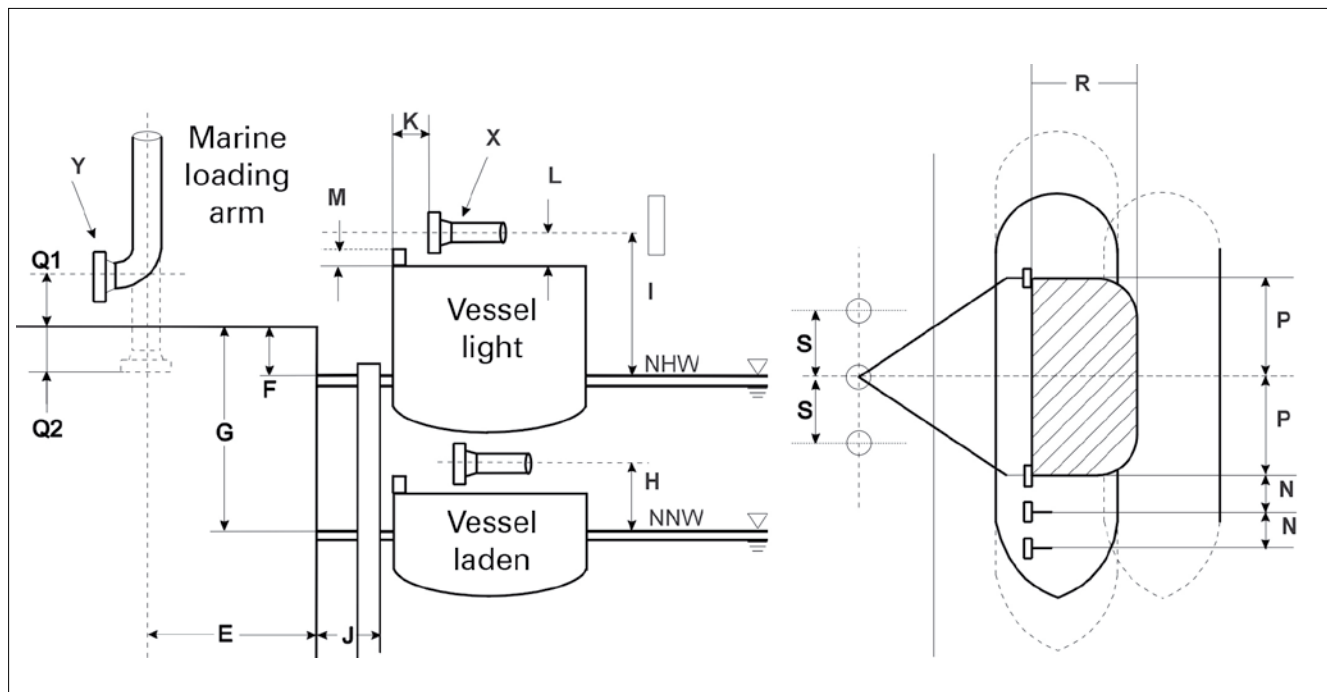
**Berth data**

		minimum	maximum
E	distance jetty face to center line of riser		
J	distance jetty face to berthing line		
F	distance top of jetty to highest high water level (HHWL)		
G	distance top of jetty to lowest low water level (LLWL)		
S	distance between center lines of risers		
Q1	height of flange above jetty		
Q2	depth of flange below jetty		
Y	inlet flange size and rating		

If there are any berth features which effect the function or installation of the arms please supply drawing.

**Vessel data**

		minimum	maximum
	tanker size - Dead Weight Tonnage (DWT)		
H	height of flange to water line laden		
I	height of flange to water line light		
K	distance of flange to ship's side		
L	height of flange above ship's deck		
M	height of ship's rail		
P	surge fore and aft		
R	sway		
N	distance between flanges		
X	vessel flange size and rating		



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**Fluid Transfer Division**

**EMCO WHEATON**

*A Gardner Denver Product*

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