



LOADING / OFFLOADING VALVES VALVES

THE
STANDARD IN
**NON-
STANDARD
VALVES**



GENERAL INFORMATION

Loading and offloading valves are critical components in fluid handling systems, used extensively in industries such as oil and gas, chemical processing, and transportation. These valves facilitate the controlled movement of liquids and gases during the loading (filling) and offloading (emptying) processes, ensuring safe, efficient, and leak-free operations.

For examples, in LNG/LPG transport with tight FE regulations in place and also on/off loading of crude oil at the middle of the ocean, requires skills and 'no room for failure'.

SUITABLE APPLICATIONS

- Oil and Gas industry
- LNG transport
- LPG transport
- Chemical Processing
- Chemical processing
- Transport industry
- Marine industry

UNIQUE FEATURES

- High flow capacity
- Emergency shut off
- Quick response

TECHNICAL SPECIFICATIONS

PROGRAM

Size inch (DN)	½"(15) – 20"(500)
ANSI class (lbs)	150 - 300
DIN rating (PN)	6 - 40

STANDARDS

ASME B16.34
ISO 14313 (API 6D)
DIN
PED
Manufacturers standard

RANGE

Pressure	Vacuum to 50 bar(g)
Pressure	Vacuum to 725 psi
Temperature	-40 °C to +101 °C
Temperature	-40 °F to +213° F

CONSTRUCTION

One piece body
Two piece body
Renewable diffuser
Piston type disc, Spring loaded
Ball type disc, Spring loaded or manual operated
Flat type disc, Spring loaded

SEAT CONSTRUCTION

Renewable
Integral

OPTIONS FOR SOFT SEAT OR DISC

POM-C
PEEK
PTFE Virgin or Reinforced
NBR

OPTIONS METAL SEAT OR DISC

Stellite

TIGHTNESS PERFORMANCE

API 598 Table 6
EN 12266 Part 1/2
Client specification

END CONNECTIONS

Flanged (FF, RF, or RTJ)
Butt weld
Threaded (Male/Female)
Clients' specification



Combi Ball Valve DN50 - PN25



LPG loading facility



The standard in **NON-STANDARD VALVES**

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