

7. Sub-sea Ball Valves

7.1 Brief Description

Main design characteristics and attributes of Perar sub-sea ball valves are generally the same for topside valves, with additional features to withstand the external pressure.

Perar recommend fully welded body construction to prevent potential leakage from the body closure seals reducing the total seal area (and circumference), compared to the other designs.

Double piston sealing system, special heavy coating, sub-sea gearbox or c/w ROV adapter receptacle connections, complete this special execution if required.

However sub-sea ball valves can be supplied in accordance with any other project designs or requirements.

7.2 Technical Details



Sizes:

From 1/2" up to 60"

Classes:

ANSI 150-300-600-900-1500-2500

API 2000-3000-5000-10000-15000

Materials:

Low Temperature Carbon Steel, Stainless Steel, Special Alloys.

42" / 300# Fully Welded execution