

Purchase requirements for Double flange butterfly valve 20", #150, RF valves

EAPC is interested in purchasing 5 units of 20" Butterfly valves destined to service in an offshore pipeline, under sea level at 40 meters depth.

The valves have to be of the butterfly lugged type, with an inch thread, and their internal trim should be resistant to crude oil and distillates.  
Building standard API 6D, the valve dimension should abide by the requirements of API 6D

Seals of Fluoro-elastomer (VITON) are preferred.

The valves should be equipped with a manual worm gear, the connection between the valve and the gear should allow rotating the gear with increments of 90 degrees around the valve axle, and at least two of the working position of the gear-valve assembly should position the gear axle perpendicular to the pipe axle.

The worm gear should be suitable for use underwater, (40 m depth), either completely sealed to seawater, or allowing seawater ingress, but with material that does not corrode significantly in seawater medium.

The operation wheel should allow easy operation of the gear, even for an underwater diver.

The valve should be suitable for assembly between two 20", #150, RF flanges  
Distance between flanges need to be about 18".

Eur1 Certificate will be required.