

CHECK VALVES  
**SWING CHECK**  
 SUBSEA

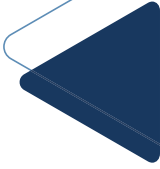
**PetrolValves has an extremely large record of previous qualifications successfully performed:**

- PR2 Design Validation Test according to API 6A /ISO 10423 Annex F
- Endurance Test According to API 17D
- Sand slurry test according to API 6A/ISO 10423 ANNEX I Class II
- Sand slurry test according to API 6AV1
- Hyperbaric Test according to API 17D Annex L or API 6DSS Annex
- A number of customized qualification Procedures

**API 6DSS Design Standard**

Bonnet Design	Bolted Bonnet	Pressure Seal
Seat type	Metal seated	
Material Selection	LTCS or Low Alloy Steel + CRA Cladding Duplex, Super Duplex, Ni Alloy Forged Stellite Hardfacing	LTCS or Low Alloy Steel + CRA Cladding Duplex, Super Duplex, Ni Alloy Forged Stellite Hardfacing
Seals / Gaskets	Elastomers Thermoplastics / Metallic Graphite	Elastomers Thermoplastics / Metallic Graphite
Design features	Full/Reduced Bore Fire safe design Anti blow out stem Fully maintainable on line	Full/Reduced Bore Fire safe design Anti blow out stem Fully maintainable on line
Special features	NACE Requirement Special bore Soft seated Pigging guide position indicator	NACE Requirement Special bore Soft seated Pigging guide position indicator
End connection	Flanged (RF / RTJ, compact, studed) Buttwelded ends Hub	Flanged (RF / RTJ, compact, studed) Buttwelded ends Hub
Operators	Lock open via ROV engagement	Lock open via ROV engagement
Product Range	#150 to #1500 - 2" to 48" #2500 - 2" to 30"	#150 to #1500 - 2" to 48" #2500 - 2" to 30"





**▶ API 17D / 6A Design Standard**

Bonnet Design	Bolted Bonnet	Pressure Seal
Seat type	Metal seated	
Material Selection	LTCS or Low Alloy Steel + CRA Cladding Duplex, Super Duplex, Ni Alloy Forged Stellite Hardfacing	LTCS or Low Alloy Steel + CRA Cladding Duplex, Super Duplex, Ni Alloy Forged Stellite Hardfacing
Seals / Gaskets	Elastomers Thermoplastics / Metallic	Elastomers Thermoplastics / Metallic
Design features	Full/Reduced Bore Fire safe design Anti blow out stem Fully maintainable on line	Full/Reduced Bore Fire safe design Anti blow out stem Fully maintainable on line
Special features	NACE Requirement Special bore Soft seated Pigging guide position indicator	NACE Requirement Special bore Soft seated Pigging guide position indicator
End connection	Flanged (RF / RTJ, compact, studded) Buttwelded ends Hub	Flanged (RF / RTJ, compact, studded) Buttwelded ends Hub
Operators	Lock open via ROV engagement	Lock open via ROV engagement
Product Range	3k to 5k - up to 30" 10k - up to 20" 15k - up to 8"	3k to 5k - up to 30" 10k - up to 20" 15k - up to 8"

