

CHECK VALVES
SWING CHECK
 TOPSIDE

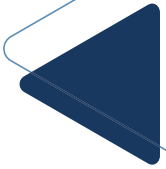
PetrolValves has been manufacturing swing check valves since the late 1960s being as early participant in the biggest oil&gas projects. Swing Check Valves comply with main international standards and codes:

- ANSI
- ASME
- ISO
- PED
- API
- BS
- NACE

▶ API 6D Design Standard

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 clapper locking device, counterweight position indicator	NACE Requirement Special bore Soft seated Pigging guide clapper locking device, counterweight position indicator
End connection	Flanged (RF / RTJ, compact, studded) Buttwelded ends Hub	Flanged (RF / RTJ, compact, studded) Buttwelded ends Hub
Product Range	#150 to #600 - 2" to 48" #900 - 2" to 44" #1500 - 2" to 30" #2500 - 2" to 16"	#150 to #600 - 2" to 48" #900 - 2" to 44" #1500 - 2" to 30" #2500 - 2" to 16"





▶ API 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 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 clapper locking device, counterweight position indicator	NACE Requirement Special bore Soft seated Pigging guide clapper locking device, counterweight position indicator
End connection	Flanged (RF / RTJ, compact, studded) Buttwelded ends Hub	Flanged (RF / RTJ, compact, studded) Buttwelded ends Hub
Product Range	3k - up to 44" 5k - up to 30" 10k - up to 16" 15k - up to 10"	3k - up to 44" 5k - up to 30" 10k - up to 16" 15k - up to 10"

