

CHECK VALVES

PISTON & BALL

PROGRAM

Sizes inch (DN)	1/2" (15) - 14" (350)
ANSI Class (LBS)	150 - 4500
DIN Rating (PN)	10 - 400
API rating (PSI)	3000 - 15000

STANDARDS

API 6A - ISO 10423	Russian GOST
API 6D - ISO 14313	P.E.D.
ASME B16.34	DIN
EN 13709	NORSOK
ISO 15761 (BS1868/BS5352)	

RANGE

Pressure	Vacuum to 765 Bar(g)
Temperature	-196°C to 850°C

CONSTRUCTION

Piston type	
Bolted cover	
Pressure seal cover	
Welded cover	
Loose plug type disc, spring or pressure loaded	
Loose ball type disc, spring or pressure loaded	

SEAT CONSTRUCTION

Integral	
Renewable, Metal to metal	
Soft	

DISC

Ball type	
Plug type	
Flat type	
Solid type	

OPTIONS METAL SEAT OR DISC

Stellited	
Kolsterised®	

TIGHTNESS PERFORMANCE

API 598	
API 6A - ISO 10423	
API 6D - ISO 14313	
ISO 5208	
EN12266 part 1/2	

END CONNECTIONS

Flanged RF or RTJ or FF	
Butt weld	
Socket weld	
Threaded NPT, BSP, API, Male or Female	
Hubbed ends	
SAE Flanges	
Compact Flanges	
Client Specification	

A straight forward design for various applications, bubble-tight if required, following all international standards. Available in all exotic material grades.



Check valve 1" - 150 lbs



Check valve 6" - 2500 lbs

CHECK VALVES

SWING

PROGRAM

Sizes inch (DN)	1/2" (15) - 56" (1400)
ANSI Class (LBS)	150 - 4500
DIN rating (PN)	10 - 400
API rating (PSI)	3000 - 15000*

STANDARDS

API 6A - ISO 10423	ISO 15761 (BS1868/BS5352)
API 6D - ISO 14313	Russian GOST
API 594	NORSOK
ASME B16.34	Manufacturers standard
DIN	P.E.D.
EN 13709	

RANGE

Pressure	Vacuum to 1379 Bar(g)
Temperature	-196°C to 850°C

CONSTRUCTION

Single type, spring or pressure loaded
Dual type, retainerless, spring loaded
External lever
Tilting, retainerless

DISC

Plates, flat type

SEAT CONSTRUCTION

Integral
Renewable
Soft
Metal to metal

OPTIONS METAL SEAT OR DISC

Tungsten carbide coated
Kolsterised®
Stellited disc and/or seats

TIGHTNESS PERFORMANCE

API 598
API 6A - ISO 10423
API 6D - ISO 14313
ISO 5208
EN12266 part 1/2

END CONNECTIONS

Flanged RF or RTJ or FF
Butt weld
Threaded NPT, BSP, API, Male or Female
Hubbed or mechanical ends
SAE Flanges
Compact Flanges
Client Specification
Double Flanged

OPTIONS SOFT SEAT OF DISC

Pom-c	PTFE Virgin or Reinforced
Peek	PCTFE
Devlon	NBR
Nylon	

*Pressure classes up to 20k PSI on request.

Our check valves are produced on dedicated machines to meet the leakrate requirements of international standards. To optimize the lifetime of the valves, we supply hard faced seats and/or disc plates.



Check valve (DP) 6" - 2500 lbs



Check valve (PSB) 10" - 900 lbs

CHECK VALVES

NON SLAM AXIAL

PROGRAM

Sizes inch (DN)	1/2" (15) - 30" (750)
ANSI Class (LBS)	150 - 4500
DIN rating (PN)	10 - 400
API rating (PSI)	3000 - 15000*

STANDARDS

API 6A - ISO 10423	NORSOK
API 6D - ISO 14313	Russian GOST
ASME B16.34	Manufacturers standard
DIN	P.E.D.
ISO 15761 (BS1868/BS5352)	

RANGE

Pressure	Vacuum to 1034 Bar(g)
Temperature	-196°C to 850°C

CONSTRUCTION

One piece body
Two Piece body
Renewable diffuser
Piston disc & spring loaded
Ball disc & spring loaded
Flat disc & spring loaded

SEAT CONSTRUCTION

Integral
Renewable

DISC

Ball type
Plug type
Flat face

OPTIONS METAL SEAT OR DISC

Stellited
Kolsterised®
Tungsten carbide coated

TIGHTNESS PERFORMANCE

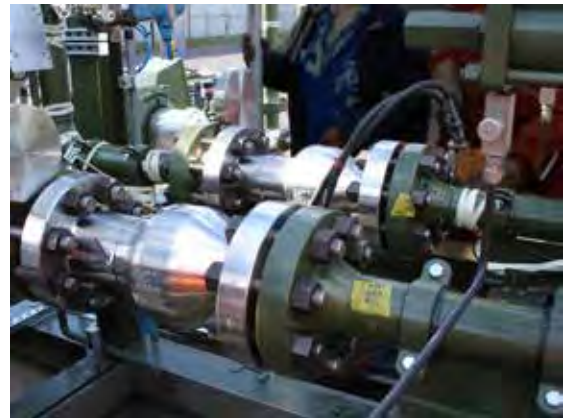
API 598
API 6A - ISO 10423
API 6D - ISO 10323
ISO 5208
EN12266 part 1/2
Client specification

END CONNECTIONS

Flanged RF or RTJ or FF
Butt weld
Socket weld
Threaded NPT, BSP, API, Male or Female
Hubbed or mechanical ends
SAE Flanges
Compact Flanges
Client Specification

These types of check valves are specifically designed for fast-reversing systems where backflow is a constant concern. We have a simple, in line design, which responds quickly to changes in velocity.

Key elements are; non-slam closure, metal seating, fast closing, a spring loaded disc for mounting in any orientation, low delta P and available in very short face to face dimension.



Axial check valve 3" - 1500 lbs