

Valve Selection Guide

Isolation Ball Valves, ASME B16.34



IRSVP

Drain and vent for power applications

- ASME 150 – 4500 Limited Class
- 3/4 to 2-1/2 inch (15 to 65 DN)
- Uni-directional sealing
- Forged uni-body design
- Mechanical precision stop
- Diffusion seat available



C-Series

Customizable isolation valves for specific applications

- ASME 150 – 4500 Class
- 1/2 to 42 inch (15 to 1050 DN)
- Bi-directional sealing
- Cast or forged body; 2 or 3-piece



RSVP-UK

For small, critical power applications

- ASME 150 – 1500 Limited Class
- 1/2 to 3/4 inch (15 to 20 DN)
- Uni-directional sealing
- Compact



T-Series

Trunnion reduces operating torque

- ASME 150 – 2500 Class
- 3 to 60 inch (80 to 1500 DN)
- Bi-directional sealing
- Metal- or soft-seated
- Cast or forged body; 2 or 3-piece
- API 6D or ASME B16.34



ISOLATOR 2.0

Low pressure applications

- ASME 150 – 600 Class
- 1 to 4 inch (25 to 100 DN)
- Bi-directional, metal-seated sealing
- 2-piece forged body



G-Series

General service drain and vent

- ASME 150 – 600 Class
- 1 to 3 inch (25 to 75 dn)
- Uni-directional; metal/graphite laminated seats
- 3-piece forged body



SC-3 Piece

Flexibility of in-line repair

- ASME 1500 – 4500 Class
- 2 to 24 inch (50 to 600 DN)
- Uni-directional sealing
- In-line repairable
- 3-piece forged body



PORV

Power operated relief valve

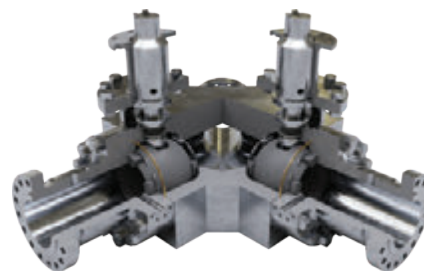
- ASME 1500 / 2500 / 4500 Class
- 2-1/2 to 4 inch (65 to 100 DN)
- ASME mark with "V" designator available

MAX-Series

Customized Solutions

For unique operational requirements, MOGAS offers **MAX-Series** valves that involve strong collaboration between your engineering, operations and maintenance staff, along with MOGAS personnel. Site visits, technical discussions and/or specific testing are often required. These customized valves are special, one-of-a-kind solutions to satisfy your specific valve challenges.

To learn more, contact a MOGAS representative today.



The MOGAS y-pattern valve provides the optimal solution for combining process functions, reducing required space, and diverting or isolating flow within a single valve body. Metal-to-metal sealing gives dependable, repeatable isolation in high temperature, high pressure and solids laden process streams.

Valve Selection Guide

Quarter-Turn Isolation Ball Valves

Below are our most commonly requested valves.

Model	Bore (in)	End Size (in)	Class	Sealing Direction	Body Type	Body Material	Trim Material	End Connection ²			
								SW	BW	RFF	CL
IRSVP-UC IRSVP-UF IRSVP-UL	0.63 1.00 1.30	3/4 – 2-1/2	ASME 150 – 1500 Limited Class	Uni-Directional	Forged Uni-Body	F22 A105 F91	410SS Inconel 718	●	●		
IRSVP-UM	1.50	2, 2-1/2	ASME 150 – 1500 Limited Class	Uni-Directional	Forged Uni-Body	F22 A105 F91	410SS Inconel 718	●	●		
IRSVP-UC IRSVP-UF IRSVP-UL	0.63 1.00 1.30	3/4 – 2-1/2	ASME 2500 – 3100 Limited Class	Uni-Directional	Forged Uni-Body	F22 A105 F91	Inconel 718	●	●		
IRSVP-UC IRSVP-UF	0.63 1.00	3/4 – 2-1/2	ASME 4500 Limited Class	Uni-Directional	Forged Uni-Body	F22 F91	Inconel 718	●	●		
RSVP-UK	0.38	1/2 – 3/4	ASME 150 – 1500 Limited Class	Uni-Directional	Uni-Body with Mounting Bracket	F22 A105 F91	410SS Inconel 718	●	●		
SC-3 Piece		2 – 6	ASME 1500 – 4500	Uni-Directional	3-Piece Forged (inline repairable)	F22 A105 F91	410SS	●	●		
PORV	1.30 1.60 1.81 2.00 2.125	Varies	ASME 1500 / 2500 / 4500	Uni-Directional	2-Piece Forged	F22 F91	Inconel 718		●	●	●
ISOLATOR 2.0		1 – 4	ASME 150 – 600 Class	Bi-Directional	2-Piece Forged	F316 A105	410SS 316SS			●	
G-Series		1 – 3	ASME 600	Uni-Directional	3-Piece	A105 F316 F22	316SS / Graphite	●	●		
CA-1AS		1/2 – 36	ASME 150 – 4500	Uni-Directional or Bi-Directional ¹	2-Piece or 3-Piece	All	All	●	●	●	●
CA-2AS		1/2 – 36	ASME 150 – 4500	Uni-Directional or Bi-Directional ¹	2-Piece or 3-Piece	All	All	●	●	●	●
CA-H01		1/2 – 36	ASME 150 – 4500	Uni-Directional or Bi-Directional ¹	2-Piece or 3-Piece	All	410SS Inconel 718	●	●	●	●
CA-DRI		1/2 – 36	ASME 150 – 4500	Uni-Directional	2-Piece or 3-Piece	All	All	●	●	●	●
CA-DRIS		1/2 – 36	ASME 150 – 4500	Uni-Directional	2-Piece or 3-Piece	F347H F304H F316	321SS 316L Inconel 800H	●	●	●	●
CST		1/2 – 36	ASME 150 – 2500	Uni-Directional or Bi-Directional ¹	2-Piece or 3-Piece	A105	17-4PH		●	●	
PL-AU		1/2 – 36	ASME 150 – 600	Uni-Directional or Bi-Directional ¹	2-Piece or 3-Piece	F53 Ti Gr 12	F53 Ti Gr 12			●	
PL-Ni		1 – 36	ASME 150 – 600	Uni-Directional or Bi-Directional ¹	2-Piece or 3-Piece	F53 Ti Gr 12	F53 Ti Gr 12			●	
T-Series		3 – 60	ASME 150 – 2500	Bi-Directional	2-Piece or 3-Piece	All	All	●	●	●	●
MAX-Series			MOGAS valve designs can be engineered to unique operational requirements. MOGAS MAX-Series valves involve strong collaboration between your engineering, operations and maintenance staff, along with MOGAS personnel. Site visits, technical discussions and/or specific testing are often required. These customized valves are special, one-of-a-kind solutions to satisfy your specific valve challenges. To learn more, contact a MOGAS representative today.								

Note:

¹ Uni-directional sealing standard; Bi-directional sealing available.

² Custom end connections available on all models, upon request.

Actuation

All MOGAS ball valves are easily automated per customer actuator specifications.