

CARBON STEEL VALVES

EXCELLENCE IN OIL, AGRICULTURAL AND MANUFACTURING FLOW CONTROL



DYNAQUIP CARBON STEEL VALVES are designed for the flow control processes of hydraulic, petroleum, petrochemical, gas production, pipeline and crude oil applications. Industry leading companies in agriculture, manufacturing and oil rely on our rugged VME, VLE, and VAE series valves for superior performance. Choose valves made by DynaQuip, the proven manufacturer that has been setting the standard for decades.

Applications and Features of VME, VLE & VAE Series Valves

- For use as fuel line shutoffs for gasoline and diesel powered over the highway, off highway, and construction equipment vehicles
- Hydraulic and general industrial applications on capital equipment and plant design plumbing that require total shutoff capability
- Carbon steel ball valves (VME and VLE series) have a hex shaped body for easy installation
- Highly inert PTFE seats and seals combined with an external phosphate coating provide superior corrosion resistance
- Additional applications: Hydraulic Hook-Ups, Well Heads, Production Lines, Compressor Skids



Visit www.dynaquip.com for more information

VME3 Series:

Unibody Economy Ball Valves

For Hydraulic, Petroleum, and General Chemical Applications

REDUCED PORT
1/2"-2"

1500-2000 PSI CWP



Catalog Number	Seats	Porting	PSI CWP	Temp Range
VME3.A9 1/2	RTFE	REDUCED	2000	-20 to 425F
VME3.A9 3/4	RTFE	REDUCED	2000	-20 to 425F
VME3.A9 1	RTFE	REDUCED	2000	-20 to 425F
VME3.A9 1 1/4	RTFE	REDUCED	2000	-20 to 425F
VME3.A9 1 1/2	RTFE	REDUCED	1500	-20 to 425F
VME3.A9 2	RTFE	REDUCED	1500	-20 to 425F
VME3.A0 1 1/2	Delrin®	REDUCED	2000	-20 to 180F
VME3.A0 2	Delrin®	REDUCED	2000	-20 to 180F

VME3 Series unibody economy ball valves are a great choice for lower pressure general hydraulic and petroleum shut-off needs. Valves are unibody bar stock construction with phosphate-coated bodies and NPT threaded connections in a reduced port design. Built strong and designed to last longer than lightweight imports.

Key Benefits:

- Unibody Construction
- Blowout-Proof Stem Design
- RTFE Seats and Seals
- Built Tough in the USA

Options:

- Stainless Steel Ball and Stem (OA)
- Latching Lockout Handle Kit (OP)
- "Gull Wing" Tee Handle (OE)
- Oval Handle (OQ)

VME1 Series:

2-Piece Economy Ball Valves

For Hydraulic, Petroleum, and General Chemical Applications

FULL PORT
1/4"-1/2"

1500-2000 PSI CWP

STANDARD PORT
3/4"-2"



Catalog Number	Seats	Porting	PSI CWP	Temp Range
VME2.A9 1/4	RTFE	FULL	2000	-20 to 425F
VME2.A9 3/8	RTFE	FULL	2000	-20 to 425F
VME1.A9 1/2	RTFE	FULL	2000	-20 to 425F
VME1.A9 3/4	RTFE	STD	2000	-20 to 425F
VME1.A9 1	RTFE	STD	2000	-20 to 425F
VME1.A9 1 1/4	RTFE	STD	1500	-20 to 425F
VME1.A9 1 1/2	RTFE	STD	1500	-20 to 425F
VME1.A9 2	RTFE	STD	1500	-20 to 425F
VME1.A0 1 1/4	Delrin®	STD	2000	-20 to 180F
VME1.A0 1 1/2	Delrin®	STD	2000	-20 to 180F
VME1.A0 2	Delrin®	STD	2000	-20 to 180F

VME1 Series 2-piece ball valves are a great choice for lower to medium pressure general hydraulic and petroleum shut-off needs. Valves are two-piece bar stock construction with corrosion-resistant phosphate coated bodies and NPT threaded connections in full and standard port design. Built strong and designed to last longer than lightweight imports.

Key Benefits:

- Two-Piece Bar Stock Construction
- Blowout-Proof Stem Design
- RTFE Seats and Seals
- Built Tough in the USA

Options:

- Stainless Steel Ball and Stem (OA)
- Latching Lockout Handle Kit (OP)
- "Gull Wing" Tee Handle (OE)
- Oval Handle (OQ)

VLE2 Series:

2-Piece Medium Pressure Valves

For Hydraulic, Petroleum, and Chemical Applications

FULL PORT
1/4"-1"

3000 PSI CWP • 150 PSI WSP



Catalog Number	Threads	Seats	Porting	PSI CWP	Temp Range
VLE2.AK 1/4	NPT	RTFE	FULL	3000	-20 to 425F
VLE2.AK 3/8	NPT	RTFE	FULL	3000	-20 to 425F
VLE2.AK 1/2	NPT	RTFE	FULL	3000	-20 to 425F
VLE2.AK 3/4	NPT	RTFE	FULL	3000	-20 to 425F
VLE2.AK 1	NPT	RTFE	FULL	3000	-20 to 425F
VLE2.NK 1/4	SAE	RTFE	FULL	3000	-20 to 425F
VLE2.NK 3/8	SAE	RTFE	FULL	3000	-20 to 425F
VLE2.NK 1/2	SAE	RTFE	FULL	3000	-20 to 425F
VLE2.NK 3/4	SAE	RTFE	FULL	3000	-20 to 425F
VLE2.NK 1	SAE	RTFE	FULL	3000	-20 to 425F

VLE2 Series 2-piece medium ball valves are the perfect choice for intermediate pressure hydraulic and industrial applications. Valves are heavy-duty two-piece bar stock construction with phosphate coated bodies and NPT threaded or SAE O-Ring Boss connections in a full port design. Strong and durable.

Key Benefits:

- Two-Piece Bar Stock Construction
- Blowout-Proof Stem Design
- RTFE Seats and Seals
- Built Tough in the USA

Options:

- Latching Lockout Handle Kit (OP)

VAE2 Series:

High-Pressure Hydraulic Valves

Water/Glycol, Water/Oil Emulsion and Petroleum Fluids

FULL PORT
1/4"-2"

4600-7000 PSI CWP



Catalog Number	Threads	Type	PSI CWP
VAE2.A0 1/4	NPT	3-Piece	7000
VAE2.A0 3/8	NPT	3-Piece	7000
VAE2.A0 1/2	NPT	3-Piece	5800
VAE2.A0 3/4	NPT	3-Piece	4600
VAE2.A0 1	NPT	3-Piece	4600
VAE2.A0 1 1/4	NPT	2-Piece	4600
VAE2.A0 1 1/2	NPT	2-Piece	4600
VAE2.A0 2	NPT	2-Piece	4600
VAE2.NO 1/4	SAE	3-Piece	7000
VAE2.NO 3/8	SAE	3-Piece	7000
VAE2.NO 1/2	SAE	3-Piece	5800
VAE2.NO 3/4	SAE	3-Piece	4600
VAE2.NO 1	SAE	3-Piece	4600
VAE2.NO 1 1/4	SAE	2-Piece	4600
VAE2.NO 1 1/2	SAE	2-Piece	4600
VAE2.NO 2	SAE	2-Piece	4600

VAE2 Series ball valves are designed for high-pressure hydraulic applications. Bar stock design (1/4" - 1"), cast steel bodies (1 1/4" - 2"). This full port valve is available in NPT threaded or SAE O-Ring Boss end connections. Valves feature Delrin® seats, blowout-proof stems, and cast steel handles. Operating temperature range: -20° to 175°F.

Key Benefits:

- Heavy Duty Construction
- Blowout-Proof Stem Design
- Delrin® Seats for Smooth Operation
- 3:1 Pressure Safety Factor
- Not Recommended for Steam Service

Options:

- Lockout Kit Available
- Valve Can Be Automated - Call For Details

About DynaQuip

Now entering our sixth decade, DynaQuip Controls® continues its long-standing commitment to designing and manufacturing superior products and providing outstanding personal service. Electric actuators and valve automation designs lead our drive as we focus on the products of tomorrow. Today, our product lines and design expertise have grown to include electric actuators, electronic actuator controls, automated ball valves, automated butterfly valves, pneumatic actuators, manual ball valves and butterfly valves.

Our Vision

To satisfy the individual needs and demands of our industrial, commercial and residential customers by providing innovative and solutions oriented valve and fluid control products.



Visit www.dynaquip.com for more information

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