

Cameron's Rapid Response Centre in Europe

Proud supplier of valves, actuators, and gearboxes from industry-renowned brands:
DOUGLAS CHERO | DEMCO | WKM | NUTRON | GROVE | NEWCO | OIC |
LEDEEN | MAXTORQUE | DYNATORQUE

GLOBAL CAPABILITIES



Company Profile



Since its formation in 1990, Cameron's Rapid Response Centre in Europe has evolved into one of the leading suppliers and stockists of gate, globe, check, butterfly, and ball valves, along with actuators and gearboxes, to the worlds hydrocarbon and high-pressure processing industries.

Operating from a modern 25,000-sq-ft (2323-sq-m) purpose-built unit gives both Cameron and the client the technical and commercial benefits that are derived from having all aspects of the quick-turn valve business under the same roof.

With fully trained staff in all departments, we deliver the highest levels of service, support, and quality that our industry demands as standard.

Cameron's Rapid Response Centre in Europe has a major advantage over many of its competitors as we operate within a quality-controlled environment accredited to ISO 9001 and PED EC 97/23, Car III Module H, while covering all of the conventional requirements of a distribution business. This also provides quality assurance for our design and production facilities.

As a global company covering all aspects of the energy industry, Cameron's Rapid Response Centre in Europe is able to utilize the support services and experience of cross-divisional expertise when new applications and challenges arise.

Our principle objective is to provide clients with the highest quality products available, commercial and technical support, and reliable service our customers can depend upon – when and where it's needed.



Modification and Testing Facility

Profile

Our high-specification facility enables us to supply valves on short lead times. We have the flexibility required to accommodate requirements that may arise from plant shutdowns, refurbishments, or any other type of fast-track requirements where rapid delivery is crucial to the client. All machining and testing is carried out in-house.

Modification Range

- Actuation and controls
- Cryogenic valves
- Low-emission and live-loaded packing
- Stem extensions
- Locking device and position indicators
- Needle or parabolic discs
- Dead man's handle

In-House Capabilities

- Fully enclosed test bunker
- High-pressure gas testing
- Helium leak detection with mass spectrometer
- Cryogenic testing
- DPE/MPI/RT/UT/PMI



Gate, Globe, and Check Valves



DOUGLAS CHERO Forged Steel Gate, Globe, and Check Valves

Sizes: 1/4" to 2" (6 mm to 50 mm)

Ratings: 150 to 4500 lb

Bonnet: Bolted and welded

Bore: Full and reduced

End Connections: Flanged RF/RTJ, screwed, socket weld, butt weld, and hub

Standards: BSEN 15761, API 602, and ASME B16.34



NEWCO Cast Steel Gate, Globe, and Check Valves

Sizes: 2" to 54" (50 mm to 1350 mm)

Ratings: 150 to 1500 lb

End Connections: Flanged RF/RTJ and butt weld

Standards: ASME B16.34 and API 600/BS1873/BS1868



OIC Cast Stainless Steel Gate, Globe, and Check Valves

Sizes: 2" to 18" (50 mm to 450 mm)

Ratings: 150 to 1500 lb

End Connections: Flanged RF/RTJ and butt weld

Standards: API 600 and ASME B16.34

Available Materials and Options

Designs: Pressure seal, bellows sealed, bolted, and welded

Ball Valves

Floating Ball Valves

Sizes: 1/2" to 10" (15 mm to 250 mm)

Ratings: 150 to 1500 lb

Bore: Full and reduced

End Connections: Flanged RF/RTJ

Seats: Soft and metal

Standards: BSEN 17292 and API 608



Trunnion Mounted Ball Valves

Sizes: 2" to 36" (50 mm to 900 mm)

Ratings: 150 to 2500 lb

Bore: Full and reduced

End Connections: Flanged RF/RTJ, weld, and hub

Seats: Soft and metal

Standards: API 6D double block-and-bleed design



Forged Floating Ball Valves

Sizes: 1/2" to 2" (15 mm to 50 mm)

Ratings: 150 to 2500 lb

Bore: Full and reduced

End Connections: Threaded, weld, flanged ends, and pipe pup

Seats: Soft and metal

Standards: BSEN ISO 17292 and API 608

Available Materials and Options

Materials: Carbon steel, low-temperature carbon steel, stainless steel, duplex, super duplex, and alloys



Mud Gate Valves

DEMCO Series DM Gate Valves

Sizes: 2" to 6" x 5" (50 mm to 1500 mm x 125 mm)

Ratings: 2000, 3000, 5000, and 7500 psi

Bore: Full and reduced

End Connections: Threaded, butt weld, and flanged

Seats: Buna-N, HNBR, and FKM

Standards: Drilling equipment systems certification in accordance with DNV and ABS guidelines and NACE MR-01-75



Butterfly Valves

DEMCO Butterfly Valves

Sizes: 2" to 36" (50 mm to 900 mm)

Ratings: 50, 150, 200, and 285 psi

End Connections: Wafer and lug

Seats: Buna-N, EPDM, black and white Neoprene, Hypalon®, FKM, natural rubber, fluorosteam, ETM 30230, and Teflon®

Standards: API-609, ASME B16.5, MSS-SP-67, MSS-SP-91, ABS, USCG, and NACE MR-01-75



WKM High-Performance Butterfly Valves

Sizes: 2-1/2" to 36" (65 mm to 900 mm)

Ratings: ASME Class 150, 300, and 600

End Connections: Wafer and lug

Seats: TFE, TFM®, 316 SS/TFM, Ni-Cr alloy/TFM, 316 SS, and Ni-Cr alloy

Standards: API-609, API-607, ASME B16.5, ASME B16.34, MSS-SP-6, MSS-SP-25, MSS-SP-55, MSS-SP-68, USCG, CE PED, and NACE MR-01-75



Valve Automation Solutions

Cameron's valve automation portfolio includes power actuation and manual gear technologies that complement the operational excellence of our manufactured valve brands, as well as third-party valve products. Engineered to deliver solutions across the entire industry, Cameron's valve automation team offers a single, comprehensive 6D valve automation portfolio for any valve in any application.

Actuators and Control Systems

Cameron's LEDEEN brand represents 60 years of industry-leading technology in the design and manufacture of fluid-powered actuators for quarter-turn and linear valves. Consistent and disciplined engineering design, supported by efficient modular assembly practices, allows for increased operational flexibility and responsive delivery schedules.



High-Performance Worm Gear Operators

The patented design of Cameron's MAXTORQUE gears delivers high torque capabilities (2000 to more than 1,000,000 ft-lb) and can reduce the workload by up to 75%. A proprietary, self-locking device works to simplify the open/close process and helps ensure operator safety.



Manual Gear Operators and Valve Accessories

Cameron's DYNATORQUE brand provides a single-source solution for gears and automated valve accessories, such as manual overrides, lockouts, and partial-stroke test devices. An innovative engineering team and a state-of-the-art manufacturing facility allow the flexibility required to meet our customers' specific needs.



Equivalent Material Grades

Description	UNS Grade	Forging	Casting	Barstock
Carbon steel	K30504	A105	A216 WCB	A105
Low-temp. carbon	K03011	A350 LF2	A352 LCB	A350 LF2
High-yield steel	K03014	A694 F60	-	A694 F60
3-1/2 nickel steel	K32025	A350 LF3	A352 LC3	A350 LF3
5 chrome, 1/2 moly	K41545	A182 F5	A217 C5	A182 F5
11/4 chrome, 1/2 moly	K11597	A182 F11	A217 WC6	A739 B11
2-1/4 chrome moly, 1 moly	K21590	A182 F22	A217 WC9	A739 B22
9 chrome, 1 moly	K90941	A182 F9	A217 WC6	A182 F9
13 chrome	S41000	A182 F6A	A351 CA15	A276 or A479 410
304	S30400	A182 F304	A351 CF8	A276 or A479 304
304L	S30403	A182 F304L	A351 CF3	A276 or A479 304L
316	S31600	A182 F316	A351 CF8M	A276 or A479 316
316L	S31603	A182 F316L	A351 CF3M	A276 or A479 316L
317L	S31703	A182 F317L	A351 CG8M	A276 or A479 317L
321	S32100	A182 F321	-	A276 or A479 321
347	S34700	A182 F347	A351 CF8C	A276 or A479 347
17-4pH	S17400	A564 630	A564 630	-
Alloy 400	N04400	B564 N04400	A494 M35-1	B164 N04400
Alloy K500	N05500	-	-	B865 N05500
Alloy 800	N0880	B564 N08810	-	B408 N08800
Alloy 825	N08825	-	-	B425 N08825
Alloy 600	N06600	B564 N06600	A494 CY40	B166 N06600
Alloy 625	N06625	B564 N06625	A494 CW 6MC	B446 N06625
Alloy B2	N10665	B564 N10665	A494 N 12MV	B335 N10665
Alloy C	N10002	-	A494 CW6M	-
Alloy C22	N06022	B574 N06022	A494 CX2MW	B574 N06022
Alloy C276	N10276	B564 N10276	A494 CW12 MW	B574 N10276
22% duplex	S13803	A182 F51	A890 Gr. 4A	4276 or A479 S31803
25% duplex	S32750 or 32760	A182 F53	A890 Gr. 6A	A276/479 S32750 or 60
254SMO	S31254	A182 F44	A351 CK3MCuN	A182 F44
904L	N08904	B625 N08904	-	B649 N08904
Titanium	R50400	B381 F2	B367 C2	B348 Gr. 2

API and British Standard Trim Designations

API Trim No.	Seat Face	Wedge Face	Stem	BS Designation
1	13 chrome	13 chrome	13 chrome	Cr13
2	304	304	A276 304	18-8 Ti
3	310	310	A276 310	25-20
5	Stellite® 6 facing	Stellite facing	A276 410 or 420	HF
6	13 chrome against 30% min. nickel facing		A276 410 or 420	Cr and Cu-Ni
8	13 chrome against stellite 6 facing		A276 410 or 420	CR + HF
9	Monel	Monel	Monel	Ni-Cu
10	316	316	A276 316	18/10/2002
11	Monel against stellite 6 facing		Monel	HF-NI
12	316 against stellite 6 facing		A276 316	-
13	Alloy 20	Alloy 20	B473	-
14	Alloy 20 against stellite 6 facing		B473	-
15	Stellite 6 facing	Stellite 6 facing	A276 304	-
16	Stellite 6 facing	Stellite 6 facing	A276 316	-
-	347	347	A276 347	18-8 Nb

The information in this publication should not be relied upon as a substitute for detailed advice or as a basis for making a decision. While every care has been taken in the compilation of this table, no guarantee is given nor liability accepted for its accuracy.





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HSE Policy Statement

At Cameron, we are committed ethically, financially and personally to a working environment where no one gets hurt and nothing gets harmed.