

Smart Solutions. Powerful Products.



## Quadrant® Condensed Catalog

# Quadrant® Unibody & Two-Piece Ball Valves



10-CC & 10-CS



12-CS & 12-SS



20-NP



20-BP & 20-BS

Description	Unibody Ball Valve Specifications		Two-Piece Ball Valve Specifications	
Series	10-CC & 10-CS	12-CS & 12-SS	20-NP	20-BP & 20-BS
Features	Unibody Construction Barstock Ball Valve, NACE Compliant, Competitive Price	Investment Cast, Unibody Ball Valve, NACE Compliant, API 607 Fire Safe, Standard LL Handles	Forged Brass Two-Piece Ball Valve NPT or Solder End	Bronze Two-Piece Ball Valve 600 WOG to 4" Size Full Port to 1" Standard SS Handle on 316SS Trim Valves
Sizes	1/4" to 2"	1/4" to 2"	1/4" to 4"	1/4" to 4"
Port	Double Reduced Port	Double Reduced Port	Single Reduced Port	Full Port to 1", Single Reduced Port Above 1"
Operating Limits	2000 WOG 150 WSP	2000 WOG 150 WSP	400 WOG 125 WSP	600 WOG 150 WSP
Body Materials	1017 Carbon Steel	ASTM A216 WCB or ASTM A351 GR CF8M	Forged Brass	Cast Bronze B584 C84400
Trim Materials	Plated CS or 316SS	316SS Standard	Plated Brass	Plated Brass 316SS
Seat Materials	TFM (R-TFE)	TFM (R-TFE)	PTFE	R-PTFE
Ends	Female NPT	Female NPT	Female NPT or Solder	Female NPT or Solder
Options	Latch-Lock Lever, SS Latch-Lock Lever, See Page 11	SS Latch-Lock Lever, SS Locking Oval, SS Tee Handle, See Page 11	CS Tee Handle, See Page 11	SS Latch-Lock Lever, Extended Handle, Balancing Stop, SS Locking Oval, See Page 11
Order Series #	Series 10-CC & 10-CS	Series 12-CS & 12-SS	Series 20-NP	Series 20-BP & 20-BS
<b>Pressure Temperature Ratings (psig) (Standard Seats)</b>				
100°F	2000	2000	400	600
200°F	1500	1500	280	450
300°F	975	1050	175	300
350°F	650	725	110	200
400°F	300	600	0	130
450°F	50	300		50
500°F	0	50		0

# Quadrant® Two-Piece Ball Valves



22-BP & 22-BS



20-CC & 20-CS



23-CS



QE, QA, QH, QC, QB, QX

Description	Two-Piece Ball Valve Specifications			
Series	22-BP & 22-BS	20-CC & 20-CS	23-CS	QE, QA, QH, QC, QB, QX
Features	Bronze Two-Piece Ball Valve, 600 WOG to 4" Size, Full Port to 1", Standard SS Handle on 316SS Trim Valves, ISO Mounting Pad	Two-Piece Construction Barstock Ball Valve, NACE Compliant, Tamper Proof Locking Handles Available	Two-Piece Barstock High Pressure Ball Valve, Standard 316SS Trim, NACE Compliant	Ball Valve Specifically Designed for Oilfield, NACE Compliant, Locking Handles, ISO Mounting Pad, Direct-Mount, Std. 316SS Trim & Viton®
Sizes	1/4" to 4"	1/4" to 4"	1/4" to 1"	1" to 4"
Port	Full Port to 1", Single Reduced Port Above 1"	Single Reduced Port	Single Reduced Port	Full & Reduced Port 1" to 4" Sizes
Operating Limits	600 WOG 250 WSP	2000 WOG 150 WSP	3000 WOG 150 WSP	Up to 5000 WOG
Body Materials	Cast Bronze B584 C84400	1017 Carbon Steel	1017 Carbon Steel	ASTM A395 Ductile Iron A216 GR WCB CS or CF8M SS
Trim Materials	Plated CS or 316SS	Plated CS or 316SS	316SS Standard	316SS Standard
Seat Materials	TFM (R-TFE)	TFM (R-TFE)	TFM (R-TFE) or PEEK™	TFM (R-TFE) or PEEK™
Ends	Female NPT	Female NPT	Female NPT	Female NPT
Options	SS Latch-Lock Lever, SS Locking Oval, SS Tee Handle, SS Locking Bracket, ISO Extended Handle Assembly, See Page 11	Latch-Lock Lever, SS Latch-Lock Lever, See Page 11	PEEK™ Seats, Latch-Lock Lever, SS Latch-Lock Lever, See Page 11	PEEK™ Seats, Square Drive Handle, See Page 11
Order Series #	Series 22-BP & 22-BS	Series 20-CC & 20-CS	Series 23-CS	Series QA Threaded Oilfield Valves
Pressure Temperature Ratings (psig) (Standard Seats)				
100°F	600	2000	3000	1500
200°F	480	1500	1500	1500
300°F	390	975	975	1000
350°F	330	650	650	650
400°F	260	300	300	300
450°F	50	50	50	50
500°F	0	0	0	0

# Quadrant® Seal-Welded Ball Valves



S1-SS



S2-SS



SX-SS



S5-SS

Description	Seal-Welded Ball Valve Specifications			
	S1-SS	S2-SS	SX-SS	S5-SS
Series	S1-SS	S2-SS	SX-SS	S5-SS
Features	Seal-Welded CF8M Ball Valve, Full Port, Std. SS Latch-Lock Handle, NACE Compliant, Mounting Pad	Seal-Welded CF8M Ball Valve, 2000 WOG, Std. SS Latch-Lock Handle, NACE Compliant, Mounting Pad	Seal-Welded CF8M Ball Valve, Full Port, Std. SS Latch-Lock Handle, 2000 WOG to 2", NACE, ISO Mounting Pad	Seal-Welded CF8M Ball Valve, 5000 WOG, Std. SS Latch-Lock Handle, NACE, ISO Mounting Pad, API 607 4 <sup>th</sup> Edition Fire Safe
Sizes	1/4" to 3"	1/4" to 2"	1/4" to 4"	1/4" to 2"
Port	Full Port	Single Reduced Port	Full Port	Full & Reduced Port
Operating Limits	1000 WOG 150 WSP	2000 WOG 150 WSP	2000 WOG to 2", 200 WSP	5000 WOG
Body Materials	ASTM A351 GR CF8M	ASTM A351 GR CF8M	ASTM A351 GR CF8M	ASTM A351 GR CF8M
Trim Materials	316SS	316SS	316SS	316SS or 17-4PH
Seat Materials	TFM (R-TFE)	TFM (R-TFE)	TFM (R-TFE)	ACETAL or PEEK™
Ends	Female NPT	Female NPT or M x F NPT	Female NPT	Female NPT
Options	SS Locking Oval, SS Tee Handle, Spring Return Handle, Pneumatic or Electric Actuation, See Page 11	SS Locking Oval, SS Tee Handle, Spring Return Handle, Pneumatic or Electric Actuation, See Page 11	SS Locking Oval, SS Tee Handle, Pneumatic or Electric Actuation, See Page 11	SS Locking Oval, SS Tee Handle, Pneumatic or Electric Actuation, See Page 11
Order Series #	Series S1-SS	Series S2-SS	Series SX-SS	Series S5-SS
<b>Pressure Temperature Ratings (psig) (Standard Seats)</b>				
100°F	1000	2000	2000*	5000
200°F	1000	1500	1500*	1800 @ 185°F
300°F	640	1000	1000*	0
350°F	400	650	650*	
400°F	200	300	300*	
450°F	50	50	50*	
500°F	0	0	0*	

\*To 2" Size. Consult factory for additional information.

# Quadrant® ASME B16.34/API 608 Compliant Seal-Welded Ball Valves



SB-CS & SB-SS



S3-CS & S3-SS



S6-CS & S6-SS



S10-SS

Description	Seal-Welded Ball Valve Specifications			
Series	SB-CS & SB-SS	S3-CS & S3-SS	S6-CS & S6-SS	S10-SS
Features	Seal-Welded CF8M Ball Valve, ASME Class 900, Std. SS Latch-Lock Handle, NACE, ISO Mounting Pad, API 607 4 <sup>th</sup> Edition Fire Safe	Seal-Welded CF8M Ball Valve, ASME Class 1500, Std. SS Latch-Lock Handle, NACE, ISO Mounting Pad, API 607 4 <sup>th</sup> Edition Fire Safe	Seal-Welded CF8M Ball Valve, ASME Class 2500, Std. SS Latch-Lock Handle, NACE, ISO Mounting Pad, API 607 4 <sup>th</sup> Edition Fire Safe	Seal-Welded CF8M Ball Valve, ASME Class 4500, Std. SS Latch-Lock Handle, NACE, ISO Mounting Pad, API 607 4 <sup>th</sup> Edition Fire Safe
Sizes	1/4" to 2"	1/4" to 2"	1/4" to 2"	1/4" to 1/2"
Port	Single Reduced Port	Full & Reduced Port	Full & Reduced Port	Reduced Port
Operating Limits	WCB: 2220 WOG CF8M: 2160 WOG 250 WSP	WCB: 3705 WOG CF8M: 3600 WOG	WCB: 6170 WOG CF8M: 6000 WOG 250 WSP	WCB: 10,800 WOG
Body Materials	ASTM A351 GR CF8M or A216 GR WCB	ASTM A351 GR CF8M or A216 GR WCB	ASTM A351 GR CF8M or A216 GR WCB	ASTM A351 GR CF8M
Trim Materials	316SS	316SS or 17-4PH	316SS or 17-4PH	316SS or 17-4PH
Seat Materials	TFM (R-TFE), PEEK™, & UHMW Optional	ACETAL or PEEK™	PEEK™	PEEK™
Ends	Female NPT	Female NPT or SW	Female NPT Male NPT or SW	Female NPT, SW or Thread/Coned Tube
Options	SS Locking Oval, SS Tee Handle, Spring Return Handle, ISO Extended Handle, Pneumatic or Electric Actuation, See Page 11	SS Locking Oval, Pneumatic or Electric Actuation, PEEK™ Seats, Socket Weld Ends, See Page 11	M x F NPT, Socket Weld Ends, Pneumatic or Electric Actuation, See Page 11	Pneumatic or Electric Actuation, See Page 11
Order Series #	Series SB-CS & SB-SS	Series S3-CS & S3-SS	Series S6-CS & S6-SS	Series S10-SS
<b>Pressure Temperature Ratings (psig) (Standard Seats)</b>				
100°F	2160	3600	6000	10,800
200°F	1650	1800 @ 185°F	5250	6000
300°F	1200	0	4000	4000
350°F	850		3500	3500
400°F	620		3000	3000
450°F	325		1500	1500
500°F	50		200	200

# Quadrant® Maintenance-Design Ball Valves



M1-NP & M1-NS



M2-CS & M2-SS



M2-NN & M2-QQ



UU-CS & UU-SS

Description	Maintenance-Design Ball Valve Specifications			
Series	M1-NP & M1-NS	M2-CS & M2-SS	M2-NN & M2-QQ	UU-CS & UU-SS
Features	600 WOG Brass Three-Piece Ball Valve, Full Port, Extended Solder Ends Available, Actuator Mounting Pad	ASME B16.34/API 608 Class 800 Three-Piece Ball Valve, CF8M or WCB, 316SS Trim, ISO Mounting Pad, NACE, API 607 4th Edition Fire Safe	Three-Piece Tube Ended CF8M Ball Valve, ASME Class 800 Compliant or 3000 WOG Rated, ISO Mounting, NACE & API 607 Compliant	Double Union-End Full Port Ball Valve, 3000 WOG, Actuator Mounting Pad, NACE Compliant, Stainless Steel Handle
Sizes	1/4" to 2"	1/4" to 2 1/2"	1/4" to 1"	1/4" to 2"
Port	Full Port	Full & Reduced Port	Reduced Port	Full Port
Operating Limits	600 WOG 150 WSP	WCB: 1920 WOG CF8M: 1920 WOG 250 WSP	M2: 1920 WOG M3: 3000 WOG 250 WSP	3000 WOG 150 WSP
Body Materials	Forged Brass	ASTM A351 GR CF8M or A216 GR WCB	ASTM A351 GR CF8M	ASTM A351 GR CF8M or A216 GR WCB
Trim Materials	Plated Brass or 316SS	316SS	316SS	316SS
Seat Materials	TFM (R-TFE) UHMW Optional	TFM (R-TFE), PEEK™ & UHMW Optional	TFM (R-TFE), PEEK™ & UHMW Optional	TFM (R-TFE), PEEK™
Ends	Female NPT, Solder or Extended Solder	Female NPT, SW, Extended SW or Extended BW	Tube Ends	Female NPT or Socket Weld
Options	UHMW Seats/Seals, SS Lever, Locking Device, Pneumatic or Electric Actuation, See Page 11	UHMW Seats/Seals, PEEK™ Seats, SS Locking Oval, Live Load Packing, Pneumatic or Electric Actuation, See Page 11	UHMW Seats/Seals, PEEK™ Seats, SS Locking Oval, Live Load Packing, Pneumatic or Electric Actuation, See Page 11	PEEK™ Seats, SS Locking Lever, Pneumatic or Electric Actuation, See Page 11
Order Series #	Series M1-NP & M1-NS	Series M2-CS & M2-SS	Series M2-SS & M3-SS	Series UU-CS & UU-SS
<b>Pressure Temperature Ratings (psig) (Standard Seats)</b>				
100°F	600	1920	1920	3000
200°F	450	1600	1600	2250
300°F	300	1050	1050	1500
350°F	200	800	800	800
400°F	130	500	500	400
450°F	50	300	300	50
500°F	0	50	50	0

# Quadrant® Multi-Port Ball Valves



TW-BP



TB-SS



3W-SS & 4W-SS



G3-SS



22-ST & SB-ST

Description		Multi-Port Ball Valve Specifications			
Series	TW-BP	TB-SS	3W-SS & 4W-SS	G3-SS	22-ST & SB-ST
Features	Three-Way Bronze Ball Valve, FP to 1 1/2", "L" Port, Standard SS Handle, ISO Mounting Pad, High Cv Factors	Seal-Welded CF8M Three-Way Ball Valve, ASME/API Class 900, "L" Port, Standard SS Latch-Lock Handle, NACE, ISO Mounting Pad	Three-Way & Four-Way Safe 4-Seated Ball Valve, Live-Load Stem Packing, ISO Direct-Mount Pad, "L", "T" & Double "L" Porting Available	Seal-Welded CF8M Gauge Valve, ASME Class 1500, Standard SS Latch-Lock Handle, NACE, ISO Mounting Pad, API 607 4th Edition Fire Safe	Bronze or CF8M Body, Safety-Exhaust, Valves Bleed Downstream Pressure when Handle is Moved to Closed Position
Sizes	1/4" to 2"	1/4" to 2"	1/4" to 2"	1/2" to 2"	1/4" to 2"
Port	Full & Reduced "L" Port	Reduced "L" Port	Full & Reduced "L", "T" or "Double L" Port	Full & Reduced Port	Full & Reduced Port
Operating Limits	600 WOG 125 WSP	WCB: 2220 WOG CF8M: 2160 WOG 250 WSP	1000 WOG 150 WSP	WCB: 3705 WOG CF8M: 3600 WOG 250 WSP	200 PSIG
Body Materials	Cast Bronze B584 C84400	ASTM A351 GR CF8M or A216 GR WCB	ASTM A351 GR CF8M	ASTM A351 GR CF8M or A216 GR WCB	Cast Bronze or ASTM A351 GR CF8M
Trim Materials	Plated Brass or 316SS	316SS	316SS	316SS or 17-4PH	Plated Brass or 316SS
Seat Materials	PTFE	TFM (R-TFE), PEEK™, & UHMW Optional	TFM (R-TFE)	PEEK™	TFM (R-TFE)
Ends	Female NPT	Female NPT	Female NPT	M x F NPT	Female NPT
Options	SS Tee Handle, Return Handle, Pneumatic or Electric Actuation See Page 11	SS Locking Oval, SS Tee Handle, Spring Return Handle, ISO Extended Handle, Pneumatic or Electric Actuation See Page 11	Cast CF8M Handle, Pneumatic or Electric Actuation See Page 11	SS Oval, Pneumatic or Electric Actuation See Page 11	SS Locking Oval, SS Tee Handle, Spring Return Handle, ISO Extended Handle, Pneumatic or Electric Actuation See Page 11
Order Series #	Series TW-BP	Series TB-SS	Series 3W-SS & 4W-SS	Series G3-SS	Series 22-BP-ST & SB-SS-ST
<b>Pressure Temperature Ratings (psig) (Standard Seats)</b>					
100°F	600	2160	1000	3600	200
200°F	400	1650	1000	3095	200
300°F	200	1200	600	2795	200
350°F	150	850	400	1900	150
400°F	50	620	200	1500	100
450°F	0	325	50	500	50
500°F		50	0	200	0

# Quadrant® ASME B16.34/API 608 Compliant Flanged End Ball Valves



F1-CS



F1-SS



F2-CS



F2-SS

Description	Unibody Flanged End Ball Valve Specifications		Two-Piece Flanged End Ball Valve Specifications		
Series	F1-CS & F1-SS		F2-CS & F2-SS		
Features	Unibody Construction ASME/API Compliant Flanged End Ball Valves in Class 150 and 300. 1 1/2" - 6" Sizes feature patented "Submerged" Live-Load Stem Packing for Direct-Mount of any ISO 5211 Actuator or Gear Operator. All Sizes have an ISO 5211 Mounting Pad. Standard 316SS Trim, Stainless Locking Handles, Grounded Ball & Stem and TFM Seats.		Two-Piece Full Port ASME/API Compliant Flanged End Ball Valves in Class 150, 300 and 600. All Sizes feature Patented "Submerged" Live-Load Stem Packing System for Direct-Mount of any ISO 5211 Actuator or Gear Operator. Standard 316SS Trim, Locking Handles, Grounded Ball & Stem and TFM Seats.		
Sizes	1/2" to 6"		1" to 10"		
Port	Single Reduced Port		Full Port		
Pressure Limits	ASME Class 150 & 300		ASME Class 150, 300 & 600		
Body Materials	ASTM A351 GR CF8M or A216 GR WCB		ASTM A351 GR CF8M or A216 GR WCB		
Trim Materials	Standard 316SS, Optional: Hastelloy®, Alloy-20, Monel®		Standard 316SS, Optional: Hastelloy®, Alloy-20, Monel®		
Seat Materials	Standard TFM (R-TFE), Optional: UHMW and High Temp. TFM		Standard TFM (R-TFE), Optional: UHMW and High Temp. TFM		
Ends	Raised Face Flanged		Raised Face Flanged & Ring-Type Joint (Class 600)		
Options	SS Locking Oval, SS Tee Handle, ISO Extended Handle, Pneumatic or Electric Actuation, Gear Operators, See Page 11		ISO Extended Handle, Pneumatic or Electric Actuation, Gear Operators, See Page 11		
Order Series #	Series F1-CS & F1-SS		Series F2-CS & F2-SS		
Pressure Temperature Ratings (psig) (Standard Seats)					
	Class 150	Class 300	Class 150	Class 300	Class 600
100°F	275	720	275	720	1440
200°F	240	620	240	620	1240
300°F	215	560	215	560	1120
350°F	205	535	205	535	1080
400°F	195	425	195	425	425
450°F	180	300	180	300	300
500°F	75	75	75	75	75



# Quadrant® Butterfly Valves



BFV-T



BFV-D



BFV-C



BFV-A

Description	Butterfly Valve Specifications			
Series	BFV-T	BFV-D	BFV-C	BFV-A
Features	Threaded-End Nickel Plated Cast Iron Body, BFV features 416SS Shaft, Aluminum-Bronze Disc, 304SS Fasteners & Detented Handle.	Ductile Iron Body, "Long-Neck" Lug & Wafer Style BFV. Patented Topworks allows Direct-Mount of ISO 5211 Operators. Lug Style is Rated for Full Pressure Dead End Service with No Downstream Flange.	Ductile Iron Body, "Short-Neck" Lug & Wafer Style BFV. Patented Topworks allows Direct-Mount of ISO 5211 Operators. Lug Style is Rated for Full Pressure Dead End Service with No Downstream Flange. Internal Disc Drive System	USCG Category "A" Certified BFV, Listed by ABS. Ductile Iron Lug & Wafer Styles, Same Direct-Mount System as BFV-C. Bi-Directional Dead End Service with No Downstream Flange. Two-Piece Shaft with Internal Drive System provides High Flow/Low Pressure Drop.
Sizes	2", 3" and 4"	2" to 48"	2" to 12"	2" to 12"
Disc Drive	Bolted to Shaft	Pinned to Shaft	Internal Keyed Drive	Internal Keyed Drive
Operating Limits	200 PSIG, 120°F	200 PSIG, up to 375°F	200 PSIG, up to 375°F	200 PSIG, up to 375°F
Body Materials	Cast Iron ENP Plated	ASTM A536 Ductile Iron	ASTM A536 Ductile Iron	ASTM A395 Ductile Iron Optional: CF8M SS
Trim Materials	Shaft: 416SS Disc: Aluminum-Bronze Internal Fasteners: 304SS	Shaft: 416SS Standard Disc: ENP-DI, Aluminum-Bronze or CF8M	Shaft: 416SS Standard Disc: ENP-DI, Aluminum- Bronze, or CF8M Nylon Coated	Shaft: 416SS Standard Disc: ENP-DI, Aluminum-Bronze or CF8M
Seat Materials	Buna-N Standard Optional: Viton®	EPDM or Buna-N	Buna-N, EPDM or Viton®	Buna-N, EPDM or Viton® PTFE Lined
Ends	Female NPT	Lug or Wafer Style	Lug or Wafer Style	Lug or Wafer Style
Options	Viton® Seals, Pneumatic or Electric Actuation, See Page 11	Infinite Position Lever, 2 Position Lever, SS Topworks, Gear-Op, Pneumatic or Electric Actuation, See Page 11	Infinite Position Lever, 2 Position Lever, SS Topworks, Gear-Op, Pneumatic or Electric Actuation, See Page 11	All CF8M/316SS Construction, Infinite or 2 Position Lever, SS Topworks, Gear-Op, Pneumatic or Electric Actuation, See Page 11
Order Series #	Series BFV-T	Series BFV-D	Series BFV-C	Series BFV-A
<b>Pressure Temperature Ratings (psig)</b>				
Buna-N Seats	200 @ 120°F	200 @ 180°F*	200 @ 180°F	200 @ 180°F
EPDM Seats	N/A	200 @ 250°F*	200 @ 250°F	200 @ 250°F
Viton® Seats	200 @ 300°F	200 @ 375°F*	200 @ 375°F	200 @ 375°F

\*Up To 24" Size.

# Quadrant® Actuators and Gear Operators



Series GO



Series DG



Series C

Description	Actuator and Gear Operator Specifications		
Series	GO	DG	C
Features	High-Efficiency Cast Iron Worm Gear GOP, Multiple ISO 5211 Mounting Patterns, All Torque Ratings Based on 80 Lb. Rimforce per MSS/API Standards, External Lube Fitting, External Failure when Over-Torqued	High-Efficiency Cast Iron Worm Gear GOP, Declutchable Over-Rides, Multiple ISO 5211 Mounting Patterns, All Torque Ratings Based on 80 Lb. Rimforce per MSS/API Standards, External Lube Fitting, External Failure when Over-Torqued. Lowest Profile Available	Double Rack & Pinion Pneumatic Actuators, Double-Acting and Spring-Return Models, Dual Position Limit Stops, Encapsulated Spring Assemblies, Dual ISO Patterns and Namur Solenoid/Topworks Mounting, CW & CCW Rotation available for SR Units, SS External Hardware, Epoxy Coated End Caps
Torque Output	2500 to 68,000 in.-Lbs.	3000 to 17,700 in.- Lbs.	125 to 11,000 in.- Lbs.
Output Shaft Style	Keyed Inserts	ISO Double Square and Keyed Inserts	Female ISO Double Square
Input Shaft Style	N/A	Male ISO Pattern Square Drive	5/8" Male Square
Handwheel Sizes	6" to 36"	12" to 18"	N/A
Body Materials	Cast Iron	Cast Iron	Hard Anodized Aluminum
Internal Materials	Ductile Iron and Plated Carbon Steel	Ductile Iron and Plated Carbon Steel	Aluminum and Plated Carbon Steel
Seal Materials	Buna-N	Buna-N	Standard: Buna-N Optional: Viton®
Options	Top Mounted Namur Limit Switch, Chain Wheel Operator, Locking Device, Blank Output Shaft Inserts, See Page 11	ISO Pattern Output, Shaft Inserts, Blank Inserts, See Page 11	Namur Mount Solenoid Valves, Top Mount Namur Limit Switch, Breather Block for SR Service, Reducing Double-Square Inserts, 304SS Brackets & Drivers, CCW SR Operation, See Page 11
Order Series #	Series GO	Series DG	Series C

# Quadrant® Options & Accessories

Description	Option/Accessory Specifications			
Ball Valve Option or Accessory	 Oval Handles	 Tee Handles	 Stainless Handles	 Stem Extensions
Available On:	20-BP/BS, 22, 12, S1, S2, SB, S3, S5, S6, M2, F1	20-NP, 22, 12, S1, S2, SB	All Except 20-NP, Large F1 and F2	20-BP/BS
Ball Valve Option or Accessory	 Balancing Handles	 Dead Man Handles	 Stem Extensions	 High Temp. Seats
Available On:	20-BP/BS	S1, S2, SB, 22	SB, M2, 22, F1, F2	20-CS, F1, F2
Ball Valve and Butterfly Valve Option or Accessory	 Electric Actuators	 Gear Operators	 Alloy Ball & Stem	 Pneumatic Actuators
Available On:	All BV Except 20NP, 20-BP/BS, 20-CC/CS, 10-CC/CS, 12-CS/SS, Plus All BFV	All BV Except 20NP, 20-BP/BS, 20-CC/CS, 10-CC/CS, 12-CS/SS, Plus All BFV	See Individual Product Sheets	All BV Except 20NP, 20-BP/BS, 20-CC/CS, 10-CC/CS, 12-CS/SS, Plus All BFV
Ball Valve and Butterfly Valve Option or Accessory	 Stainless 2 Position Stop Plates	 Limit Switches	 Breather Blocks	 Actuator Inserts
Available On:	BFV-D, BFV-C, BFV-A	C Series, GO Series	C Series	C Series, DG Series GO Series

Our goal is to become the leading provider of mission critical oilfield products and related services in terms of customer satisfaction, safety and financial performance.

Our experienced management team and employees are dedicated to solving our customers' problems. We invest in long term relationships and cooperate on product development with our clients, we consider them our partners.

## OUR CORE VALUES

**Integrity:** In everything we do, in every interaction, both internally and externally, we strive to operate with the upmost integrity and mutual respect.

**Long-term view:** We are building our company for the long-term, a company that we can be proud of.

**Open communication:** We believe partnerships with our customers and co-workers must be based on trust, professionalism and transparency.

**Customer focused:** Our products enhance our customer's performance and we listen to their needs and work with them to solve their challenges.

**Good place to work:** We are committed to creating a workplace that fosters innovation, teamwork and pride. Every team member is integral to our success and is treated equally and fairly.

**No one gets hurt:** The safety of our employees and customers is our first priority coupled with a healthy respect for the environment.

**For more information about our products and full Terms & Conditions please visit [www.f-e-t.com](http://www.f-e-t.com).**



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