

For use in China, Europe, Middle East, North America and South East Asia only.

Handles and Gear Operators

Handle Configuration Options and Descriptions

Model / Series	Size	End Connection	Drilling / Schedule	Face-to-Face	Pressure Rating	Body Material	Disc Material	Stem Material	Seat Material	Stem Seal	Mounting Type	Actuation Type	Optional Feature 1	Optional Feature ..	Actuation Option
													GR	0100	

The below table lists all available isolation valve handles. Not all handles are compatible with all isolation valve products. This table should be used to understand the components of a given model code, not to configure a manually actuated valve.

Config. No.	Handle Model	Operation and Locking	Handle Material	Notchplate Material	Mounting Type	Coating / Painting
HS-01	F301 (ISO)	90° - Lockable	Carbon Steel	Zinc Coated Steel	Knock-On	Black
HS-02	F301 (ISO)	90° - Lockable	Carbon Steel	Zinc Coated Steel	Knock-On	Black
HS-03	F301 (ISO)	90° - Lockable	Ductile Iron	Stainless Steel - 304	Bolt-On	Black
HS-04	F301 (ISO)	90° - Lockable	Carbon Steel	Stainless Steel - 304	Bolt-On	Black
HS-06	F401 (Non-ISO)	90° - Lockable	Aluminium	Stainless Steel - 304	Bolt-On	Natural Finish
HS-09	F401 (Non-ISO)	90° - Lockable	Ductile Iron	Zinc Coated Steel	Bolt-On	Keystone Blue
HS-11	F401 (Non-ISO)	90° - Lockable	Carbon Steel	Zinc Coated Steel	Bolt-On	Keystone Blue
HS-12	F401 (Non-ISO)	90° - Lockable	Carbon Steel	Zinc Coated Steel	Knock-On	Keystone Blue
HS-13	F401 (Non-ISO)	90° - Lockable	Stainless Steel 304	Stainless Steel - 304	Bolt-On	Natural Finish
HS-14	F401 (Non-ISO)	180° - Lockable	Ductile Iron	Zinc Coated Steel	Bolt-On	Keystone Blue
HS-15	F401 (Non-ISO)	180° - Lockable	Stainless Steel 304	Stainless steel - 304	Bolt-On	Natural Finish
HS-16	F401 (Non-ISO)	180° - Lockable	Carbon Steel	Zinc coated steel	Bolt-On	Keystone Blue
HS-17	F412 (ISO)	90° - Not Lockable	Ductile Iron	Zinc Coated Steel	Bolt-On	Keystone Blue
HS-18	F412 (ISO)	90° - Lockable	Ductile Iron	Zinc Coated Steel	Bolt-On	Keystone Blue
HS-19	F412 (ISO)	90° - Not Lockable	Ductile Iron	Stainless Steel - 304	Bolt-On	Keystone Blue
HS-20	F412 (ISO)	90° - Lockable	Ductile Iron	Stainless Steel - 304	Bolt-On	Keystone Blue
HS-21	F412 (ISO)	90° - Lockable	Aluminium - Anodized	Stainless Steel - 304	Bolt-On	Black
HS-22	F412 (ISO)	90° - Not Lockable	Aluminium - Anodized	Stainless Steel - 304	Bolt-On	Black
HS-23	F412 (ISO)	90° - Not Lockable	Aluminium	Zinc Coated Steel	Bolt-On	Natural Finish
HS-24	F412 (ISO)	90° - Lockable	Aluminium	Zinc Coated Steel	Bolt-On	Natural Finish
HS-25	F414 (ISO)	90° - Lockable	Carbon Steel	Stainless Steel - 304	Bolt-On	Black
HS-27	F410 (Non-ISO)	90° - Lockable	Composite	Composite	Bolt-On	Black
HS-28	F419 (ISO)	90° - Lockable	Composite	Composite	Bolt-On	Black
HS-32	F401 (Non-ISO, KLOK)	90° - Lockable	Ductile Iron	Zinc Coated Steel	Bolt-On	Keystone Blue
HS-34	F401 (Non-ISO)	90° - Not Lockable	Aluminium	Stainless Steel - 304	Bolt-On	Natural Finish
HS-35	F401 (Non-ISO)	90° - Not Lockable	Aluminium	Zinc Coated Steel	Bolt-On	Natural Finish
HS-36	F401 (Non-ISO)	90° - Not Lockable	Aluminium - Anodized	Stainless Steel - 304	Bolt-On	Black
HS-37	F401 (Non-ISO)	90° - Not Lockable	Carbon Steel	Stainless Steel - 304	Bolt-On	Keystone Blue
HS-38	F401 (Non-ISO)	90° - Not Lockable	Carbon Steel	Zinc Coated Steel	Bolt-On	Keystone Blue
HS-41	F401 (Non-ISO)	90° - Not Lockable	Ductile Iron	Stainless Steel - 304	Bolt-On	Keystone Blue
HS-42	F401 (Non-ISO)	90° - Not Lockable	Ductile Iron	Zinc Coated Steel	Bolt-On	Keystone Blue
HS-44	F401 (Non-ISO)	90° - Not Lockable	Stainless Steel 304	Stainless Steel - 304	Bolt-On	Natural Finish
HZ	Special					

NOTE

The designation HZ is used for handles that have been configured with an option not listed in the above table.



Model / Series	Size	End Connection	Drilling / Schedule	Face-to-Face	Pressure Rating	Body Material	Disc Material	Stem Material	Seat Material	Stem Seal	Operator Mounting Type	Actuation Type	Optional Feature 1	Optional Feature ...	Actuation Option
GR	0100	L0	A1	00	16	D1	D01	S2	E0	00	K	B	NP1	TPZ	GS-059

Config. No.	Gear Operator Model	Locking	Handwheel		Mounting Thread	Coating / Painting	Options		Variants
			Material	Orientation			Chainwheel	Switchbox	
GS-000	Standard Factory Gear Operator	Not Lockable	Standard	Standard	Metric / Imperial	Standard	-	-	Standard
GS-001	S500 - Keystone (Non-ISO, Imperial)	Not Lockable	Cast Iron	Right-Hand Side	Imperial	Paint - Blue RAL5013	-	-	Standard
GS-004	F455 - Keystone CM (ISO, Metric)	Not Lockable	Cast Iron	Right-Hand Side	Metric	ESPC - Black RAL9005	-	-	Standard
GS-006	F455 - Keystone WM (ISO, Metric)	Not Lockable	Mild Steel	Right-Hand Side	Metric	ESPC - Black RAL9005	-	-	Standard
GS-007	F455 - Keystone WM (ISO, Metric)	Not Lockable	Mild Steel	Left-Hand Side	Metric	ESPC - Black RAL9005	-	-	Standard
GS-008	S500 - Keystone (Non-ISO, Imperial)	Not Lockable	Cast Iron	Right-Hand Side	Imperial	Paint - Blue RAL5013	Standard Chain Wheel	-	Standard
GS-018	F455 - Keystone CM (ISO, Metric)	Lockable (including Padlock)	Cast Iron	Right-Hand Side	Metric	ESPC - Black RAL9005	-	-	Standard
GS-020	F455 - Keystone WM (ISO, Metric)	Lockable (including Padlock)	Mild Steel	Right-Hand Side	Metric	ESPC - Black RAL9005	-	-	Standard
GS-059	F427 - Keystone (Non-ISO, Imperial)	Not Lockable	Cast Iron	Right-Hand Side	Imperial	Paint - Blue RAL5013	-	-	Standard
GZ	Special								

NOTE

The designation GZ is used for gear operators that have been configured with an option not listed in the above table.

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