



Federal Hardware Engineering Co Pte Ltd

FHEC STOCK LIST AS AT 3-MARCH-2010

ITEM CODE	ITEM DESCRIPTION		BODY MATERIAL	TRIM MATERIAL	OPERATOR	FIGURE NUMBER	BRAND	CURRENT STOCK STATUS
K4-08D004SSA4F-	1/2" RB CL 800 NPT BALL CHECK TO API 602	BOLTED CAP	A105N	304+HFS	-	B8T5R	KVC	2
K4-08D010SSA4F-	1" RB CL 800 NPT BALL CHECK TO API 602	BOLTED CAP	A105N	304+HFS	-	B8T5R	KVC	17
K4-08D014SSA4F-	1-1/2" RB CL 800 NPT BALL CHECK TO API 602	BOLTED CAP	A105N	304+HFS	-	B8T5R	KVC	6
K4-09A004RFA3F-	1/2" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B1F4R	KVC	10
K4-09A004RFAXF-	1/2" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B1F4R	KVC	16
K4-09A004RFE3F-	1/2" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F11	13CR+HF	-	B1F4R	KVC	20
K4-09A004RFGXF-	1/2" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B1F4R	KVC	16
K4-09A004RFTXF-	1/2" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B1F4R	KVC	11
K4-09A006RFA3F-	3/4" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B1F4R	KVC	28
K4-09A006RFAXF-	3/4" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B1F4R	KVC	11
K4-09A006RFE3F-	3/4" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F11	13CR+HF	-	B1F4R	KVC	20
K4-09A006RFGXF-	3/4" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B1F4R	KVC	10
K4-09A006RFSXF-	3/4" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F316	316+HF	-	B1F4R	KVC	17
K4-09A010RFA3F-	1" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B1F4R	KVC	63
K4-09A010RFAXF-	1" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B1F4R	KVC	36
K4-09A010RFE3F-	1" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F11	13CR+HF	-	B1F4R	KVC	18
K4-09A010RFHXF-	1" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F304L	316+HF	-	B1F4R	KVC	9
K4-09A010RFTXF-	1" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B1F4R	KVC	45
K4-09A014RFA3F-	1" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B1F4R	KVC	19
K4-09A014RFAXF-	1-1/2" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B1F4R	KVC	32
K4-09A014RFE3F-	1-1/2" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F11	13CR+HF	-	B1F4R	KVC	8
K4-09A020RFA3F-	2" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B1F4R	KVC	9
K4-09A020RFAXF-	2" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B1F4R	KVC	17
K4-09A020RFE3F-	2" RB CL 150 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F11	13CR+HF	-	B1F4R	KVC	10
K4-09B004RFA1F-	1/2" RB CL 300 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B3F4R	KVC	27
K4-09B004RFA3F-	1/2" RB CL 300 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B3F4R	KVC	13
K4-09B004RFE3F-	1/2" RB CL 300 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F11	13CR+HF	-	B3F4R	KVC	20
K4-09B004RFGXF-	1/2" RB CL 300 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B3F4R	KVC	14
K4-09B006RFA1F-	3/4" RB CL 300 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B3F4R	KVC	21
K4-09B006RFA3F-	3/4" RB CL 300 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B3F4R	KVC	23
K4-09B006RFE3F-	3/4" RB CL 300 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F11	13CR+HF	-	B3F4R	KVC	20
K4-09B006RFGXF-	3/4" RB CL 300 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B3F4R	KVC	12
K4-09B010RFA1F-	1" RB CL 300 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B3F4R	KVC	0
K4-09B010RFA3F-	1" RB CL 300 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B3F4R	KVC	9
K4-09B010RFE3F-	1" RB CL 300 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F11	13CR+HF	-	B3F4R	KVC	20
K4-09B010RFGXF-	1" RB CL 300 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B3F4R	KVC	13



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ITEM CODE	ITEM DESCRIPTION		BODY MATERIAL	TRIM MATERIAL	OPERATOR	FIGURE NUMBER	BRAND	CURRENT STOCK STATUS
K4-09B014RFA1F-	1-1/2" RB CL 300 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B3F4R	KVC	6
K4-09B014RFA3F-	1-1/2" RB CL 300 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B3F4R	KVC	43
K4-09B020RFA1F-	2" RB CL 300 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B3F4R	KVC	18
K4-09B020RFA3F-	2" RB CL 300 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B3F4R	KVC	8
K4-09B020RFAXF-	2" RB CL 300 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B3F4R	KVC	7
K4-09C004RFA3F-	1/2" RB CL 600 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B6F4R	KVC	17
K4-09C004RFAXF-	1/2" RB CL 600 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B6F4R	KVC	10
K4-09C004RFGXF-	1/2" RB CL 600 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B6F4R	KVC	10
K4-09C004RFSXF-	1/2" RB CL 600 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F316	316+HF	-	B6F4R	KVC	1
K4-09C004RFTXF-	1/2" RB CL 600 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B6F4R	KVC	20
K4-09C006RFA3F-	3/4" RB CL 600 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B6F4R	KVC	10
K4-09C006RFAXF-	3/4" RB CL 600 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B6F4R	KVC	10
K4-09C006RFGXF-	3/4" RB CL 600 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B6F4R	KVC	9
K4-09C006RFSXF-	3/4" RB CL 600 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F316	316+HF	-	B6F4R	KVC	5
K4-09C010RFA3F-	1" RB CL 600 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B6F4R	KVC	13
K4-09C010RFAXF-	1" RB CL 600 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B6F4R	KVC	13
K4-09C010RFGXF-	1" RB CL 600 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B6F4R	KVC	9
K4-09C010RFSXF-	1" RB CL 600 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F316	316+HF	-	B6F4R	KVC	4
K4-09C010RFTXF-	1" RB CL 600 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B6F4R	KVC	10
K4-09C014RFA3F-	1-1/2" RB CL 600 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B6F4R	KVC	9
K4-09C014RFAXF-	1-1/2" RB CL 600 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B6F4R	KVC	3
K4-09C020RFA3F-	2" RB CL 600 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B6F4R	KVC	6
K4-09C020RFAXF-	2" RB CL 600 RF PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B6F4R	KVC	3
K4-09D004SSA3F-	1/2" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B8T4R	KVC	47
K4-09D004SSAXF-	1/2" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B8T4R	KVC	16
K4-09D004SSE3F-	1/2" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F11	13CR+HF	-	B8T4R	KVC	5
K4-09D004SSGXF-	1/2" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B8T4R	KVC	5
K4-09D004SSHXF-	1/2" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F304L	316+HF	-	B8T4R	KVC	10
K4-09D004SSSXF-	1/2" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F316	316+HF	-	B8T4R	KVC	7
K4-09D004SSTXF-	1/2" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B8T4R	KVC	98
K4-09D004ZZA3F-	1/2" RB CL 800 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B8S4R	KVC	24
K4-09D004ZZAXF-	1/2" RB CL 800 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B8S4R	KVC	17
K4-09D006SSA3F-	3/4" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B8T4R	KVC	30
K4-09D006SSAXF-	3/4" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B8T4R	KVC	32
K4-09D006SSE3F-	3/4" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F11	13CR+HF	-	B8T4R	KVC	2
K4-09D006SSGXF-	3/4" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B8T4R	KVC	12



Federal Hardware Engineering Co Pte Ltd

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ITEM CODE	ITEM DESCRIPTION		BODY MATERIAL	TRIM MATERIAL	OPERATOR	FIGURE NUMBER	BRAND	CURRENT STOCK STATUS
K4-09D006SSTXF-	3/4" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B8T4R	KVC	1
K4-09D006ZZA3F-	3/4" RB CL 800 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B8S4R	KVC	2
K4-09D006ZZAXF-	3/4" RB CL 800 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B8S4R	KVC	19
K4-09D006ZZTXF-	3/4" RB CL 800 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B8S4R	KVC	19
K4-09D010SSA3F-	1" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B8T4R	KVC	136
K4-09D010SSAXF-	1" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B8T4R	KVC	31
K4-09D010SSE3F-	1" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F11	13CR+HF	-	B8T4R	KVC	10
K4-09D010SSGXF-	1" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B8T4R	KVC	1
K4-09D010SSHXF-	1" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F304L	316+HF	-	B8T4R	KVC	12
K4-09D010SSTXF-	1" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B8T4R	KVC	11
K4-09D010ZZA3F-	1" RB CL 800 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B8S4R	KVC	149
K4-09D010ZZAXF-	1" RB CL 800 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B8S4R	KVC	27
K4-09D010ZZTXF-	1" RB CL 800 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B8S4R	KVC	22
K4-09D014SSA3F-	1-1/2" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B8T4R	KVC	12
K4-09D014SSAXF-	1-1/2" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B8T4R	KVC	19
K4-09D014SSE3F-	1-1/2" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F11	13CR+HF	-	B8T4R	KVC	6
K4-09D014SSGXF-	1-1/2" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B8T4R	KVC	10
K4-09D014SSXF-	1-1/2" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F316	316+HF	-	B8T4R	KVC	3
K4-09D014SSTXF-	1-1/2" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B8T4R	KVC	5
K4-09D014ZZA3F-	1-1/2" RB CL 800 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B8S4R	KVC	15
K4-09D014ZZAXF-	1-1/2" RB CL 800 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B8S4R	KVC	9
K4-09D014ZZTXF-	1-1/2" RB CL 800 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B8S4R	KVC	18
K4-09D020SSA3F-	2" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B8S4R	KVC	5
K4-09D020SSAXF-	2" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B8S4R	KVC	10
K4-09D020SSTXF-	2" RB CL 800 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B8T4R	KVC	16
K4-09D020ZZAXF-	2" RB CL 800 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B8S4R	KVC	34
K4-09D020ZZTXF-	2" RB CL 800 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B8S4R	KVC	57
K4-09F004SSA1F-	1/2" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B15T4R	KVC	12
K4-09F004SSA3F-	1/2" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B15T4R	KVC	30
K4-09F004SSAXF-	1/2" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B15T4R	KVC	50
K4-09F004SSGXF-	1/2" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B15T4R	KVC	20
K4-09F004SSTXF-	1/2" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B15T4R	KVC	10
K4-09F004ZZA1F-	1/2" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B15S4R	KVC	4
K4-09F004ZZA3F-	1/2" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B15S4R	KVC	7
K4-09F004ZZAXF-	1/2" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B15S4R	KVC	27
K4-09F004ZZE3F-	1/2" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	F11	13CR+HF	-	B15S4R	KVC	25
K4-09F004ZZGXF-	1/2" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B15S4R	KVC	19



Federal Hardware Engineering Co Pte Ltd

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ITEM CODE	ITEM DESCRIPTION		BODY MATERIAL	TRIM MATERIAL	OPERATOR	FIGURE NUMBER	BRAND	CURRENT STOCK STATUS
K4-09F004ZZSXF-	1/2" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	F316	316+HF	-	B15S4R	KVC	10
K4-09F006SSA1F-	3/4" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B15T4R	KVC	9
K4-09F006SSA3F-	3/4" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B15T4R	KVC	7
K4-09F006SSAXF-	3/4" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B15T4R	KVC	20
K4-09F006SSGXF-	3/4" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B15T4R	KVC	20
K4-09F006SSSXF-	3/4" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F316	316+HF	-	B15T4R	KVC	8
K4-09F006ZZA1F-	3/4" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B15S4R	KVC	30
K4-09F006ZZA3F-	3/4" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B15S4R	KVC	25
K4-09F006ZZAXF-	3/4" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B15S4R	KVC	20
K4-09F006ZZGXF-	3/4" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B15S4R	KVC	18
K4-09F006ZZSXF-	3/4" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	F316	316+HF	-	B15S4R	KVC	20
K4-09F010SSA1F-	1" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B15T4R	KVC	18
K4-09F010SSA3F-	1" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B15T4R	KVC	13
K4-09F010SSAXF-	1" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B15T4R	KVC	43
K4-09F010SSGXF-	1" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B15T4R	KVC	20
K4-09F010SSSXF-	1" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F316	316+HF	-	B15T4R	KVC	14
K4-09F010ZZA1F-	1" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B15S4R	KVC	30
K4-09F010ZZA3F-	1" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B15S4R	KVC	18
K4-09F010ZZAXF-	1" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B15S4R	KVC	16
K4-09F010ZZGXF-	1" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B15S4R	KVC	20
K4-09F010ZZSXF-	1" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	F316	316+HF	-	B15S4R	KVC	2
K4-09F010ZZTXF-	1" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B15S4R	KVC	32
K4-09F014SSA1F-	1-1/2" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B15T4R	KVC	9
K4-09F014SSA3F-	1-1/2" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B15T4R	KVC	9
K4-09F014SSAXF-	1-1/2" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B15T4R	KVC	29
K4-09F014SSGXF-	1-1/2" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B15T4R	KVC	10
K4-09F014SSSXF-	1-1/2" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	F316	316+HF	-	B15T4R	KVC	8
K4-09F014ZZA1F-	1-1/2" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B15S4R	KVC	9
K4-09F014ZZA3F-	1-1/2" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B15S4R	KVC	8
K4-09F014ZZAXF-	1-1/2" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B15S4R	KVC	9
K4-09F014ZZGXF-	1-1/2" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B15S4R	KVC	9
K4-09F014ZZSXF-	1-1/2" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	F316	316+HF	-	B15S4R	KVC	3
K4-09F020SSA3F-	2" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B15T4R	KVC	99
K4-09F020SSAXF-	2" RB CL 1500 NPT PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B15T4R	KVC	27
K4-09F020ZZSXF-	2" RB CL 1500 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	F316	316+HF	-	B15S4R	KVC	6
K4-10A010RFAXF-	1" RB CL 150 RF SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B1F3R	KVC	31



Federal Hardware Engineering Co Pte Ltd

FHEC STOCK LIST AS AT 3-MARCH-2010

ITEM CODE	ITEM DESCRIPTION		BODY MATERIAL	TRIM MATERIAL	OPERATOR	FIGURE NUMBER	BRAND	CURRENT STOCK STATUS
K4-10C004RFA3F-	1/2" RB CL 600 RF SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B6F3R	KVC	19
K4-10C004RFAXF-	1/2" RB CL 600 RF SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B6F3R	KVC	10
K4-10C006RFA3F-	3/4" RB CL 600 RF SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B6F3R	KVC	13
K4-10C006RFAXF-	3/4" RB CL 600 RF SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B6F3R	KVC	10
K4-10C010RFA3F-	1" RB CL 600 RF SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B6F3R	KVC	11
K4-10C010RFAXF-	1" RB CL 600 RF SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B6F3R	KVC	15
K4-10C014RFA3F-	1-1/2" RB CL 600 RF SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B6F3R	KVC	7
K4-10C014RFAXF-	1-1/2" RB CL 600 RF SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B6F3R	KVC	10
K4-10C020RFA3F-	2" RB CL 600 RF SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B6F3R	KVC	31
K4-10C020RFAXF-	2" RB CL 600 RF SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B6F3R	KVC	7
K4-10D004SSA1F-	1/2" RB CL 800 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B8T3R	KVC	10
K4-10D004SSA3F-	1/2" RB CL 800 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B8T3R	KVC	14
K4-10D004SSAXF-	1/2" RB CL 800 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B8T3R	KVC	20
K4-10D004SSTXF-	1/2" RB CL 800 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B8T3R	KVC	31
K4-10D004ZZA1F-	1/2" RB CL 800 SW SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B8TSR	KVC	23
K4-10D004ZZT9Z-	1/2" RB CL 800 SW SWING CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B8TSR	KVC	9
K4-10D006SSA1F-	3/4" RB CL 800 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B8T3R	KVC	61
K4-10D006SSA3F-	3/4" RB CL 800 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B8T3R	KVC	59
K4-10D006SSAXF-	3/4" RB CL 800 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B8T3R	KVC	18
K4-10D006SST9Z-	3/4" RB CL 800 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B8T3R	KVC	11
K4-10D006ZZA1F-	3/4" RB CL 800 SW SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B8TSR	KVC	23
K4-10D006ZZT9Z-	3/4" RB CL 800 SW SWING CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B8TSR	KVC	30
K4-10D010SSA1F-	1" RB CL 800 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B8T3R	KVC	33
K4-10D010SSA3F-	1" RB CL 800 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B8T3R	KVC	15
K4-10D010SSAXF-	1" RB CL 800 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B8T3R	KVC	13
K4-10D010SSTXF-	1" RB CL 800 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B8T3R	KVC	29
K4-10D010ZZA1F-	1" RB CL 800 SW SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B8TSR	KVC	0
K4-10D010ZZT9Z-	1" RB CL 800 SW SWING CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B8TSR	KVC	11
K4-10D014SSA1F-	1-1/2" RB CL 800 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B8T3R	KVC	17
K4-10D014SSA3F-	1-1/2" RB CL 800 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B8T3R	KVC	10
K4-10D014SST9Z-	1-1/2" RB CL 800 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B8T3R	KVC	23
K4-10D014ZZA1F-	1-1/2" RB CL 800 SW SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B8TSR	KVC	24
K4-10D014ZZT9Z-	1-1/2" RB CL 800 SW SWING CHECK VALVE TO API 602	BOLTED CAP	F316L	316+HF	-	B8TSR	KVC	30
K4-10D020SSA1F-	2" RB CL 800 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B8T3R	KVC	43
K4-10D020SSA3F-	2" RB CL 800 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B8T3R	KVC	18
K4-10D020ZZA1F-	2" RB CL 800 SW SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B8TSR	KVC	23



Federal Hardware Engineering Co Pte Ltd

FHEC STOCK LIST AS AT 3-MARCH-2010

ITEM CODE	ITEM DESCRIPTION		BODY MATERIAL	TRIM MATERIAL	OPERATOR	FIGURE NUMBER	BRAND	CURRENT STOCK STATUS
K4-10F004SSA1F-	1/2" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B15T3R	KVC	18
K4-10F004SSA3F-	1/2" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B15T3R	KVC	20
K4-10F004SSAXF-	1/2" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B15T3R	KVC	20
K4-10F004SSGXF-	1/2" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B15T3R	KVC	8
K4-10F004SSSXF-	1/2" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	F316	316+HF	-	B15T3R	KVC	9
K4-10F006SSA1F-	3/4" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B15T3R	KVC	8
K4-10F006SSA3F-	3/4" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B15T3R	KVC	18
K4-10F006SSAXF-	3/4" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B15T3R	KVC	20
K4-10F006SSGXF-	3/4" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B15T3R	KVC	10
K4-10F006SSSXF-	3/4" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	F316	316+HF	-	B15T3R	KVC	24
K4-10F010SSA1F-	1" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B15T3R	KVC	10
K4-10F010SSA3F-	1" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B15T3R	KVC	14
K4-10F010SSAXF-	1" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B15T3R	KVC	2
K4-10F010SSGXF-	1" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B15T3R	KVC	10
K4-10F010SSSXF-	1" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	F316	316+HF	-	B15T3R	KVC	18
K4-10F014SSA1F-	1-1/2" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B15T3R	KVC	7
K4-10F014SSA3F-	1-1/2" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B15T3R	KVC	10
K4-10F014SSAXF-	1-1/2" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B15T3R	KVC	10
K4-10F014SSGXF-	1-1/2" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	F304	316+HF	-	B15T3R	KVC	10
K4-10F014SSSXF-	1-1/2" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	F316	316+HF	-	B15T3R	KVC	8
K4-10F020SSA1F-	2" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HFS	-	B15T3R	KVC	8
K4-10F020SSA3F-	2" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	13CR+HF	-	B15T3R	KVC	9
K4-10F020SSAXF-	2" RB CL 1500 NPT SWING CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	-	B15T3R	KVC	10
K4-10F020ZZE3F-	2" RB CL 1500 SW SWING CHECK VALVE TO API 602	BOLTED CAP	F11	13CR+HF	-	B15S3R	KVC	6
K4-12A010RFGXFL	1" FB CL 150 RF GATE VALVE TO API 602, WELDED FLG	BB, OS&Y, RS, SOLID WEDGE	F304	316+HF	HANDWHEEL	B1FW1F	KVC	3
K4-12D004SSA3FL	1/2" FB CL 800 NPT GATE VALVE TO API 602	BB, OS&Y, RS, SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B8T1F	KVC	10
K4-12D004ZZA3FL	1/2" FB CL 800 SW GATE VALVE TO API 602	BB, OS&Y, RS, SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B8S1F	KVC	20
K4-12D006SSA3FL	3/4" FB CL 800 NPT GATE VALVE TO API 602	BB, OS&Y, RS, SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B8T1F	KVC	20
K4-12D006ZZA3FL	3/4" FB CL 800 SW GATE VALVE TO API 602	BB, OS&Y, RS, SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B8S1F	KVC	20
K4-12D010SSA3FL	1" FB CL 800 NPT GATE VALVE TO API 602	BB, OS&Y, RS, SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B8T1F	KVC	20
K4-12D010ZZA1FL	1" FB CL 800 SW GATE VALVE TO API 602	BB, OS&Y, RS, SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B8S1F	KVC	8
K4-12D010ZZA3FL	1" FB CL 800 SW GATE VALVE TO API 602	BB, OS&Y, RS, SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B8S1F	KVC	20
K4-12D014SSA3FL	1-1/2" FB CL 800 NPT GATE VALVE TO API 602	BB, OS&Y, RS, SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B8T1F	KVC	16
K4-12D014ZZA3FL	1-1/2" FB CL 800 SW GATE VALVE TO API 602	BB, OS&Y, RS, SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B8S1F	KVC	6
K4-12D020SSA3FL	2" FB CL 800 NPT GATE VALVE TO API 602	BB, OS&Y, RS, SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B8T1F	KVC	20
K4-12D020ZZA3FL	2" FB CL 800 SW GATE VALVE TO API 602	BB, OS&Y, RS, SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B8S1F	KVC	14



Federal Hardware Engineering Co Pte Ltd

FHEC STOCK LIST AS AT 3-MARCH-2010

ITEM CODE	ITEM DESCRIPTION		BODY MATERIAL	TRIM MATERIAL	OPERATOR	FIGURE NUMBER	BRAND	CURRENT STOCK STATUS
K4-12F006ZZAXFL	3/4" FB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B15S1F	KVC	10
K4-13A004RFA1FL	1/2" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B1F1R	KVC	89
K4-13A004RFA3FL	1/2" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B1F1R	KVC	70
K4-13A004RFAXFL	1/2" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B1F1R	KVC	37
K4-13A004RFE3FL	1/2" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B1F1R	KVC	50
K4-13A004RFHXFL	1/2" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304L	316+HF	HANDWHEEL	B1F1R	KVC	15
K4-13A004RFTXFL	1/2" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B1F1R	KVC	13
K4-13A006RFA1FL	3/4" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B1F1R	KVC	59
K4-13A006RFA3FL	3/4" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B1F1R	KVC	97
K4-13A006RFAXFL	3/4" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B1F1R	KVC	22
K4-13A006RFE3FL	3/4" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B1F1R	KVC	50
K4-13A006RFGXFL	3/4" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304	316+HF	HANDWHEEL	B1F1R	KVC	6
K4-13A006RFHXFL	3/4" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304L	316+HF	HANDWHEEL	B1F1R	KVC	28
K4-13A006RFSXFL	3/4" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316	316+HF	HANDWHEEL	B1F1R	KVC	2
K4-13A006RFTXFL	3/4" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B1F1R	KVC	72
K4-13A010RFA1FL	1" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B1F1R	KVC	177
K4-13A010RFA3FL	1" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B1F1R	KVC	66
K4-13A010RFAXFL	1" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B1F1R	KVC	53
K4-13A010RFE3FL	1" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B1F1R	KVC	38
K4-13A010RFHXFL	1" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304L	316+HF	HANDWHEEL	B1F1R	KVC	7
K4-13A010RFSXFL	1" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316	316+HF	HANDWHEEL	B1F1R	KVC	1
K4-13A010RFTXFL	1" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B1F1R	KVC	64
K4-13A014RFA3FL	1-1/2" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B1F1R	KVC	64
K4-13A014RFAXFL	1-1/2" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B1F1R	KVC	10
K4-13A014RFE3FL	1-1/2" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B1F1R	KVC	8
K4-13A014RFSXFL	1-1/2" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316	316+HF	HANDWHEEL	B1F1R	KVC	4
K4-13A014RFTXFL	1-1/2" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B1F1R	KVC	54
K4-13A020RFA3FL	2" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B1F1R	KVC	19
K4-13A020RFAXFL	2" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B1F1R	KVC	15
K4-13A020RFE3FL	2" RB CL 150 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B1F1R	KVC	8
K4-13B004RFA3FL	1/2" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B3F1R	KVC	31
K4-13B004RFAXFL	1/2" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B3F1R	KVC	22
K4-13B004RFE3FL	1/2" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B3F1R	KVC	25
K4-13B004RFGXFL	1/2" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304	316+HF	HANDWHEEL	B3F1R	KVC	10
K4-13B004RFSXFL	1/2" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316	316+HF	HANDWHEEL	B3F1R	KVC	4
K4-13B004RFTXFL	1/2" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B3F1R	KVC	30



Federal Hardware Engineering Co Pte Ltd

FHEC STOCK LIST AS AT 3-MARCH-2010

ITEM CODE	ITEM DESCRIPTION		BODY MATERIAL	TRIM MATERIAL	OPERATOR	FIGURE NUMBER	BRAND	CURRENT STOCK STATUS
K4-13B006RFA3FL	3/4" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B3F1R	KVC	69
K4-13B006RFAXFL	3/4" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B3F1R	KVC	77
K4-13B006RFE1FL	3/4" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HFS	HANDWHEEL	B3F1R	KVC	13
K4-13B006RFE3FL	3/4" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B3F1R	KVC	29
K4-13B006RFGXFL	3/4" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304	316+HF	HANDWHEEL	B3F1R	KVC	10
K4-13B006RFTXFL	3/4" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B3F1R	KVC	14
K4-13B010RFA3FL	1" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B3F1R	KVC	66
K4-13B010RFAXFL	1" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B3F1R	KVC	21
K4-13B010RFE3FL	1" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B3F1R	KVC	32
K4-13B010RFGXFL	1" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304	316+HF	HANDWHEEL	B3F1R	KVC	24
K4-13B010RFSXFL	1" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316	316+HF	HANDWHEEL	B3F1R	KVC	26
K4-13B014RFA3FL	1" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B3F1R	KVC	17
K4-13B014RFAXFL	1-1/2" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B3F1R	KVC	54
K4-13B014RFE3FL	1-1/2" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B3F1R	KVC	13
K4-13B020RFA3FL	2" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B3F1R	KVC	17
K4-13B020RFAXFL	2" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B3F1R	KVC	7
K4-13B020RFE3FL	2" RB CL 300 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B3F1R	KVC	3
K4-13C004RFA3FL	1/2" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B6F1R	KVC	32
K4-13C004RFAXFL	1/2" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B6F1R	KVC	28
K4-13C004RFE3FL	1/2" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B6F1R	KVC	29
K4-13C004RFGXFL	1/2" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304	316+HF	HANDWHEEL	B6F1R	KVC	15
K4-13C004RFSXFL	1/2" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316	316+HF	HANDWHEEL	B6F1R	KVC	3
K4-13C004RJA1FL	1/2" RB CL 600 RTJ GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B6F1R	KVC	30
K4-13C004RJA3FL	1/2" RB CL 600 RTJ GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B6F1R	KVC	20
K4-13C004RJE3FL	1/2" RB CL 600 RTJ GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B6F1R	KVC	20
K4-13C006RFA3FL	3/4" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B6F1R	KVC	24
K4-13C006RFAXFL	3/4" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B6F1R	KVC	10
K4-13C006RFE3FL	3/4" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B6F1R	KVC	20
K4-13C006RFGXFL	3/4" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304	316+HF	HANDWHEEL	B6F1R	KVC	11
K4-13C006RFTXFL	3/4" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B6F1R	KVC	25
K4-13C006RJA1FL	3/4" RB CL 600 RTJ GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B6F1R	KVC	25
K4-13C006RJA3FL	3/4" RB CL 600 RTJ GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B6F1R	KVC	20
K4-13C006RJE1FL	3/4" RB CL 600 RTJ GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HFS	HANDWHEEL	B6F1R	KVC	19
K4-13C006RJE3FL	3/4" RB CL 600 RTJ GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B6F1R	KVC	20
K4-13C010RFA3FL	1" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B6F1R	KVC	19
K4-13C010RFAXFL	1" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B6F1R	KVC	14
K4-13C010RFE3FL	1" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B6F1R	KVC	18



Federal Hardware Engineering Co Pte Ltd

FHEC STOCK LIST AS AT 3-MARCH-2010

ITEM CODE	ITEM DESCRIPTION		BODY MATERIAL	TRIM MATERIAL	OPERATOR	FIGURE NUMBER	BRAND	CURRENT STOCK STATUS
K4-13C010RFHXFL	1" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304L	316+HF	HANDWHEEL	B6F1R	KVC	14
K4-13C010RFTXFL	1" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B6F1R	KVC	14
K4-13C010RJA1FL	1" RB CL 600 RTJ GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B6F1R	KVC	26
K4-13C010RJA3FL	1" RB CL 600 RTJ GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B6F1R	KVC	20
K4-13C010RJE3FL	1" RB CL 600 RTJ GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B6F1R	KVC	20
K4-13C014RFA3FL	1-1/2" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B6F1R	KVC	11
K4-13C014RFAXFL	1-1/2" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B6F1R	KVC	19
K4-13C014RFE3FL	1-1/2" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B6F1R	KVC	8
K4-13C014RJA3FL	1-1/2" RB CL 600 RTJ GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B6F1R	KVC	20
K4-13C014RJE3FL	1-1/2" RB CL 600 RTJ GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B6F1R	KVC	10
K4-13C020RFA3FL	2" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B6F1R	KVC	35
K4-13C020RFAXFL	2" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B6F1R	KVC	10
K4-13C020RFE3FL	2" RB CL 600 RF GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B6F1R	KVC	10
K4-13C020RJA3FL	2" RB CL 600 RTJ GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B6F1R	KVC	9
K4-13C020RJE3FL	2" RB CL 600 RTJ GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B6F1R	KVC	14
K4-13D004SSA1FL	1/2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B8T1R	KVC	300
K4-13D004SSA3FL	1/2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B8T1R	KVC	98
K4-13D004SSAXFL	1/2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B8T1R	KVC	21
K4-13D004SSE3FL	1/2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B8T1R	KVC	44
K4-13D004SSHXFL	1/2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304L	316+HF	HANDWHEEL	B8T1R	KVC	8
K4-13D004SSI3FL	1/2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F5	13CR+HF	HANDWHEEL	B8T1R	KVC	27
K4-13D004SSSXFL	1/2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316	316+HF	HANDWHEEL	B8T1R	KVC	1
K4-13D004SSTXFL	1/2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B8T1R	KVC	132
K4-13D004ZZA1FL	1/2" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B8S1R	KVC	25
K4-13D004ZZA3FL	1/2" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B8S1R	KVC	204
K4-13D004ZZAXFL	1/2" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B8S1R	KVC	52
K4-13D004ZZHXFL	1/2" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304L	316+HF	HANDWHEEL	B8S1R	KVC	32
K4-13D004ZZSXFL	1/2" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316	316+HF	HANDWHEEL	B8S1R	KVC	2
K4-13D004ZZTXFL	1/2" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B8S1R	KVC	19
K4-13D006SSA1FL	3/4" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B8T1R	KVC	536
K4-13D006SSA3FL	3/4" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B8T1R	KVC	242
K4-13D006SSAXFL	3/4" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B8T1R	KVC	59
K4-13D006SSE3FL	3/4" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	316+HF	HANDWHEEL	B8T1R	KVC	17
K4-13D006SSGXFL	3/4" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304	316+HF	HANDWHEEL	B8T1R	KVC	19
K4-13D006SSI3FL	3/4" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F5	13CR+HF	HANDWHEEL	B8T1R	KVC	24
K4-13D006SSSXFL	3/4" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316	316+HF	HANDWHEEL	B8T1R	KVC	0
K4-13D006SSTXFL	3/4" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B8T1R	KVC	38



Federal Hardware Engineering Co Pte Ltd

FHEC STOCK LIST AS AT 3-MARCH-2010

ITEM CODE	ITEM DESCRIPTION		BODY MATERIAL	TRIM MATERIAL	OPERATOR	FIGURE NUMBER	BRAND	CURRENT STOCK STATUS
K4-13D006ZZA1FL	3/4" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B8S1R	KVC	15
K4-13D006ZZA3FL	3/4" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B8S1R	KVC	308
K4-13D006ZZAXFL	3/4" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B8S1R	KVC	50
K4-13D006ZZE3FL	3/4" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B8S1R	KVC	0
K4-13D006ZZHXFL	3/4" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304L	316+HF	HANDWHEEL	B8S1R	KVC	50
K4-13D006ZZTXFL	3/4" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B8S1R	KVC	17
K4-13D010SSA1FL	1" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B8T1R	KVC	82
K4-13D010SSA3FL	1" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B8T1R	KVC	75
K4-13D010SSAXFL	1" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B8T1R	KVC	17
K4-13D010SSE3FL	1" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B8T1R	KVC	60
K4-13D010SSGXFL	1" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304	316+HF	HANDWHEEL	B8T1R	KVC	52
K4-13D010SSI3FL	1" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F5	13CR+HF	HANDWHEEL	B8T1R	KVC	23
K4-13D010SSTXFL	1" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B8T1R	KVC	10
K4-13D010ZZA1FL	1" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B8S1R	KVC	72
K4-13D010ZZA3FL	1" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B8S1R	KVC	21
K4-13D010ZZAXFL	1" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B8S1R	KVC	20
K4-13D010ZZE3FL	1" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B8S1R	KVC	22
K4-13D010ZZHXFL	1" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304L	316+HF	HANDWHEEL	B8S1R	KVC	7
K4-13D010ZZTXFL	1" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B8S1R	KVC	50
K4-13D014SSA1FL	1-1/2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B8T1R	KVC	58
K4-13D014SSA3FL	1-1/2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B8T1R	KVC	13
K4-13D014SSAXFL	1-1/2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B8T1R	KVC	15
K4-13D014SSE3FL	1-1/2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B8T1R	KVC	30
K4-13D014SSGXFL	1-1/2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304	316+HF	HANDWHEEL	B8T1R	KVC	46
K4-13D014SSI3FL	1-1/2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F5	13CR+HF	HANDWHEEL	B8T1R	KVC	28
K4-13D014SSSXFL	1-1/2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316	316+HF	HANDWHEEL	B8T1R	KVC	18
K4-13D014SSTXFL	1-1/2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B8T1R	KVC	10
K4-13D014ZZA1FL	1-1/2" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B8S1R	KVC	17
K4-13D014ZZA3FL	1-1/2" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B8S1R	KVC	61
K4-13D014ZZAXFL	1-1/2" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B8S1R	KVC	8
K4-13D014ZZE3FL	1-1/2" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B8S1R	KVC	20
K4-13D014ZZGXFL	1-1/2" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304	316+HF	HANDWHEEL	B8S1R	KVC	1
K4-13D014ZZHXFL	1-1/2" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304L	316+HF	HANDWHEEL	B8S1R	KVC	7
K4-13D014ZZSXFL	1-1/2" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316	316+HF	HANDWHEEL	B8S1R	KVC	1
K4-13D014ZZTXFL	1-1/2" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B8S1R	KVC	20
K4-13D020SSA1FL	2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B8T1R	KVC	112
K4-13D020SSA3FL	2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B8T1R	KVC	20
K4-13D020SSAXFL	2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B8T1R	KVC	6



Federal Hardware Engineering Co Pte Ltd

FHEC STOCK LIST AS AT 3-MARCH-2010

ITEM CODE	ITEM DESCRIPTION		BODY MATERIAL	TRIM MATERIAL	OPERATOR	FIGURE NUMBER	BRAND	CURRENT STOCK STATUS
K4-13D020SSE3FL	2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B8T1R	KVC	10
K4-13D020SSGXFL	2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304	316+HF	HANDWHEEL	B8T1R	KVC	2
K4-13D020SSHXFL	2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304L	316+HF	HANDWHEEL	B8T1R	KVC	19
K4-13D020SSTXFL	2" RB CL 800 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B8T1R	KVC	24
K4-13D020ZZA1FL	2" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B8S1R	KVC	10
K4-13D020ZZA3FL	2" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B8S1R	KVC	0
K4-13D020ZZE3FL	2" RB CL 800 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B8S1R	KVC	22
K4-13F004SSA1FL	1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B15T1R	KVC	13
K4-13F004SSA3FL	1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B15T1R	KVC	50
K4-13F004SSAXFL	1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B15T1R	KVC	13
K4-13F004SSE3FL	1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B15T1R	KVC	16
K4-13F004SSGXFL	1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304	316+HF	HANDWHEEL	B15T1R	KVC	19
K4-13F004SSSXFL	1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316	316+HF	HANDWHEEL	B15T1R	KVC	1
K4-13F004SSTXFL	1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B15T1R	KVC	10
K4-13F004ZZA1FL	1/2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B15S1R	KVC	8
K4-13F004ZZA3FL	1/2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B15S1R	KVC	13
K4-13F004ZZAXFL	1/2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B15S1R	KVC	18
K4-13F004ZZE3FL	1/2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B15S1R	KVC	6
K4-13F004ZZGXFL	1/2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304	316+HF	HANDWHEEL	B15S1R	KVC	27
K4-13F004ZZIXFL	1/2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F5	13CR+HF	HANDWHEEL	B15S1R	KVC	10
K4-13F004ZZSXFL	1/2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316	316+HF	HANDWHEEL	B15S1R	KVC	8
K4-13F004ZZTXFL	1/2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B15S1R	KVC	10
K4-13F006SSA1FL	3/4" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B15T1R	KVC	7
K4-13F006SSA3FL	3/4" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B15T1R	KVC	71
K4-13F006SSAXFL	3/4" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B15T1R	KVC	45
K4-13F006SSE3FL	3/4" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B15T1R	KVC	29
K4-13F006SSGXFL	3/4" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304	316+HF	HANDWHEEL	B15T1R	KVC	20
K4-13F006SSSXFL	3/4" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316	316+HF	HANDWHEEL	B15T1R	KVC	35
K4-13F006ZZA1FL	3/4" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B15S1R	KVC	140
K4-13F006ZZA3FL	3/4" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B15S1R	KVC	29
K4-13F006ZZAXFL	3/4" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B15S1R	KVC	20
K4-13F006ZZE3FL	3/4" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B15S1R	KVC	14
K4-13F006ZZGXFL	3/4" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304	316+HF	HANDWHEEL	B15S1R	KVC	26
K4-13F006ZZIXFL	3/4" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F5	13CR+HF	HANDWHEEL	B15S1R	KVC	12
K4-13F006ZZSXFL	3/4" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316	316+HF	HANDWHEEL	B15S1R	KVC	5
K4-13F006ZZTXFL	3/4" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B15S1R	KVC	9
K4-13F010SSA1FL	1" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B15T1R	KVC	7



Federal Hardware Engineering Co Pte Ltd

FHEC STOCK LIST AS AT 3-MARCH-2010

ITEM CODE	ITEM DESCRIPTION		BODY MATERIAL	TRIM MATERIAL	OPERATOR	FIGURE NUMBER	BRAND	CURRENT STOCK STATUS
K4-13F010SSA3FL	1" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B15T1R	KVC	77
K4-13F010SSAXFL	1" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B15T1R	KVC	15
K4-13F010SSE3FL	1" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B15T1R	KVC	20
K4-13F010SSGXFL	1" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304	316+HF	HANDWHEEL	B15T1R	KVC	20
K4-13F010SSSXFL	1" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316	316+HF	HANDWHEEL	B15T1R	KVC	13
K4-13F010SSTXFL	1" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B15T1R	KVC	20
K4-13F010ZZA1FL	1" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B15S1R	KVC	51
K4-13F010ZZA3FL	1" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B15S1R	KVC	51
K4-13F010ZZAXFL	1" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B15S1R	KVC	8
K4-13F010ZZE3FL	1" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B15S1R	KVC	14
K4-13F010ZZGXFL	1" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304	316+HF	HANDWHEEL	B15S1R	KVC	28
K4-13F010ZZIXFL	1" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F5	13CR+HF	HANDWHEEL	B15S1R	KVC	10
K4-13F010ZZSXFL	1" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316	316+HF	HANDWHEEL	B15S1R	KVC	8
K4-13F010ZZTXFL	1" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B15S1R	KVC	20
K4-13F014SSA1FL	1-1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B15T1R	KVC	24
K4-13F014SSA3FL	1-1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B15T1R	KVC	26
K4-13F014SSAXFL	1-1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	316+HF	HANDWHEEL	B15T1R	KVC	10
K4-13F014SSE3FL	1-1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B15T1R	KVC	6
K4-13F014SSGXFL	1-1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304	316+HF	HANDWHEEL	B15T1R	KVC	10
K4-13F014SSSXFL	1-1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316	316+HF	HANDWHEEL	B15T1R	KVC	10
K4-13F014ZZA1FL	1-1/2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B15S1R	KVC	10
K4-13F014ZZA3FL	1-1/2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B15S1R	KVC	15
K4-13F014ZZAXFL	1-1/2" RB CL 1500 SW GATE VALVE TO API 602	OS&Y, RS. SOLID WEDGE. REDUCED B	A105N	316+HF	HANDWHEEL	B15S1R	KVC	15
K4-13F014ZZE3FL	1-1/2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B15S1R	KVC	9
K4-13F014ZZGXFL	1-1/2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F304	316+HF	HANDWHEEL	B15S1R	KVC	10
K4-13F014ZZSXFL	1-1/2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316	316+HF	HANDWHEEL	B15S1R	KVC	4
K4-13F014ZZTXFL	1-1/2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B15S1R	KVC	10
K4-13F020SSE3FL	2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B15T1R	KVC	10
K4-13F020SSTXFL	2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B15T1R	KVC	20
K4-13F020ZZA1FL	2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HFS	HANDWHEEL	B15S1R	KVC	17
K4-13F020ZZA3FL	2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	A105N	13CR+HF	HANDWHEEL	B15S1R	KVC	19
K4-13F020ZZE3FL	2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F11	13CR+HF	HANDWHEEL	B15S1R	KVC	11
K4-13F020ZZSXFL	2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316	316+HF	HANDWHEEL	B15S1R	KVC	1
K4-13F020ZZTXFL	2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS. SOLID WEDGE	F316L	316+HF	HANDWHEEL	B15S1R	KVC	5
K4-15A004RFA3FL	1/2" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS. PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B1F2R	KVC	94
K4-15A004RFAXFL	1/2" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS. PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B1F2R	KVC	46
K4-15A004RFE3FL	1/2" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS. PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B1F2R	KVC	20



Federal Hardware Engineering Co Pte Ltd

FHEC STOCK LIST AS AT 3-MARCH-2010

ITEM CODE	ITEM DESCRIPTION		BODY MATERIAL	TRIM MATERIAL	OPERATOR	FIGURE NUMBER	BRAND	CURRENT STOCK STATUS
K4-15A004RFGXFL	1/2" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B1F2R	KVC	2
K4-15A004RFHXFL	1/2" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F304L	316+HF	HANDWHEEL	B1F2R	KVC	20
K4-15A004RFSXFL	1/2" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316	316+HF	HANDWHEEL	B1F2R	KVC	9
K4-15A004RFTXFL	1/2" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316L	316+HF	HANDWHEEL	B1F2R	KVC	45
K4-15A006RFA3FL	3/4" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B1F2R	KVC	104
K4-15A006RFAXFL	3/4" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B1F2R	KVC	17
K4-15A006RFE3FL	3/4" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B1F2R	KVC	19
K4-15A006RFHXFL	3/4" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F304L	316+HF	HANDWHEEL	B1F2R	KVC	20
K4-15A006RFTXFL	3/4" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316L	316+HF	HANDWHEEL	B1F2R	KVC	6
K4-15A010RFA3FL	1" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B1F2R	KVC	169
K4-15A010RFAXFL	1" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B1F2R	KVC	68
K4-15A010RFE3FL	1" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B1F2R	KVC	18
K4-15A010RFHXFL	1" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F304L	316+HF	HANDWHEEL	B1F2R	KVC	17
K4-15A010RFSXFL	1" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316	316+HF	HANDWHEEL	B1F2R	KVC	1
K4-15A010RFTXFL	1" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316L	316+HF	HANDWHEEL	B1F2R	KVC	7
K4-15A014RFA3FL	1-1/2" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B1F2R	KVC	59
K4-15A014RFAXFL	1-1/2" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B1F2R	KVC	73
K4-15A014RFE3FL	1-1/2" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B1F2R	KVC	10
K4-15A020RFA3FL	2" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B1F2R	KVC	37
K4-15A020RFAXFL	2" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B1F2R	KVC	14
K4-15A020RFE3FL	2" RB CL 150 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B1F2R	KVC	10
K4-15B004RFA3FL	1/2" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B3F2R	KVC	25
K4-15B004RFAXFL	1/2" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B3F2R	KVC	16
K4-15B004RFE3FL	1/2" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B3F2R	KVC	5
K4-15B004RFGXFL	1/2" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B3F2R	KVC	20
K4-15B004RFSXFL	1/2" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316	316+HF	HANDWHEEL	B3F2R	KVC	10
K4-15B006RFA1FL	3/4" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B3F2R	KVC	37
K4-15B006RFA3FL	3/4" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B3F2R	KVC	11
K4-15B006RFAXFL	3/4" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B3F2R	KVC	18
K4-15B006RFE3FL	3/4" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B3F2R	KVC	10
K4-15B006RFGXFL	3/4" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B3F2R	KVC	16
K4-15B006RFSXFL	3/4" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316	316+HF	HANDWHEEL	B3F2R	KVC	4
K4-15B006RFTXFL	3/4" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316L	316+HF	HANDWHEEL	B3F2R	KVC	10
K4-15B010RFA3FL	1" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B3F2R	KVC	96
K4-15B010RFAXFL	1" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B3F2R	KVC	34
K4-15B010RFE3FL	1" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B3F2R	KVC	10
K4-15B010RFGXFL	1" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B3F2R	KVC	18



Federal Hardware Engineering Co Pte Ltd

FHEC STOCK LIST AS AT 3-MARCH-2010

ITEM CODE	ITEM DESCRIPTION		BODY MATERIAL	TRIM MATERIAL	OPERATOR	FIGURE NUMBER	BRAND	CURRENT STOCK STATUS
K4-15B010RFTXFL	1" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316L	316+HF	HANDWHEEL	B3F2R	KVC	6
K4-15B014RFA3FL	1-1/2" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B3F2R	KVC	17
K4-15B014RFAXFL	1-1/2" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B3F2R	KVC	20
K4-15B014RFE3FL	1-1/2" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B3F2R	KVC	5
K4-15B020RFA3FL	2" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B3F2R	KVC	20
K4-15B020RFAXFL	2" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B3F2R	KVC	6
K4-15B020RFE3FL	2" RB CL 300 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B3F2R	KVC	6
K4-15C004RFA3FL	1/2" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B6F2R	KVC	17
K4-15C004RFAXFL	1/2" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B6F2R	KVC	15
K4-15C004RFE3FL	1/2" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B6F2R	KVC	18
K4-15C004RFGXFL	1/2" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B6F2R	KVC	20
K4-15C004RFSXFL	1/2" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316	316+HF	HANDWHEEL	B6F2R	KVC	10
K4-15C004RJA3FL	1/2" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B6F2R	KVC	20
K4-15C004RJE3FL	1/2" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B6F2R	KVC	20
K4-15C006RFA3FL	3/4" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B6F2R	KVC	13
K4-15C006RFAXFL	3/4" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B6F2R	KVC	20
K4-15C006RFE3FL	3/4" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B6F2R	KVC	10
K4-15C006RFHXFL	3/4" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F304L	316+HF	HANDWHEEL	B6F2R	KVC	20
K4-15C006RFSXFL	3/4" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316	316+HF	HANDWHEEL	B6F2R	KVC	4
K4-15C006RFTXFL	3/4" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316L	316+HF	HANDWHEEL	B6F2R	KVC	24
K4-15C006RJA3FL	3/4" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B6F2R	KVC	20
K4-15C006RJE3FL	3/4" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B6F2R	KVC	20
K4-15C010RFA3FL	1" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B6F2R	KVC	47
K4-15C010RFAXFL	1" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B6F2R	KVC	36
K4-15C010RFE3FL	1" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B6F2R	KVC	8
K4-15C010RFGXFL	1" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B6F2R	KVC	20
K4-15C010RFSXFL	1" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316	316+HF	HANDWHEEL	B6F2R	KVC	7
K4-15C010RFTXFL	1" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316L	316+HF	HANDWHEEL	B6F2R	KVC	30
K4-15C010RJA3FL	1" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B6F2R	KVC	20
K4-15C010RJE3FL	1" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B6F2R	KVC	25
K4-15C014RFA3FL	1-1/2" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B6F2R	KVC	13
K4-15C014RFAXFL	1-1/2" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B6F2R	KVC	4
K4-15C014RFE3FL	1-1/2" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B6F2R	KVC	4
K4-15C014RJA3FL	1-1/2" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B6F2R	KVC	9
K4-15C014RJE3FL	1-1/2" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B6F2R	KVC	10
K4-15C020RFA3FL	2" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B6F2R	KVC	12
K4-15C020RFAXFL	2" RB CL 600 RF GLOBE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B6F2R	KVC	7



Federal Hardware Engineering Co Pte Ltd

FHEC STOCK LIST AS AT 3-MARCH-2010

ITEM CODE	ITEM DESCRIPTION		BODY MATERIAL	TRIM MATERIAL	OPERATOR	FIGURE NUMBER	BRAND	CURRENT STOCK STATUS
K4-15C020RFE3FL	2" RB CL 600 RF GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B6F2R	KVC	5
K4-15C020RJA3FL	2" RB CL 600 RF GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B6F2R	KVC	5
K4-15C020RJE3FL	2" RB CL 600 RF GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B6F2R	KVC	20
K4-15D004SSA1FL	1/2" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B8T2R	KVC	197
K4-15D004SSA3FL	1/2" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B8T2R	KVC	224
K4-15D004SSAXFL	1/2" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B8T2R	KVC	1
K4-15D004SSE3FL	1/2" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B8T2R	KVC	40
K4-15D004SSHXFL	1/2" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F304L	316+HF	HANDWHEEL	B8T2R	KVC	15
K4-15D004SSI3FL	1/2" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F5	13CR+HF	HANDWHEEL	B8T2R	KVC	20
K4-15D004SSTXFL	1/2" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F316L	316+HF	HANDWHEEL	B8T2R	KVC	56
K4-15D004ZZA1FL	1/2" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B8S2R	KVC	364
K4-15D004ZZA3FL	1/2" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B8S2R	KVC	180
K4-15D004ZZAXFL	1/2" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B8S2R	KVC	0
K4-15D004ZZE3FL	1/2" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B8S2R	KVC	35
K4-15D004ZZHXFL	1/2" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F304L	316+HF	HANDWHEEL	B8S2R	KVC	20
K4-15D004ZZTXFL	1/2" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F316L	316+HF	HANDWHEEL	B8S2R	KVC	187
K4-15D006SSA1FL	3/4" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B8T2R	KVC	231
K4-15D006SSA3FL	3/4" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B8T2R	KVC	24
K4-15D006SSAXFL	3/4" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B8T2R	KVC	96
K4-15D006SSE3FL	3/4" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B8T2R	KVC	30
K4-15D006SSGXFL	3/4" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B8T2R	KVC	33
K4-15D006SSI3FL	3/4" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F5	13CR+HF	HANDWHEEL	B8T2R	KVC	5
K4-15D006SSTXFL	3/4" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F316L	316+HF	HANDWHEEL	B8T2R	KVC	2
K4-15D006ZZA1FL	3/4" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B8S2R	KVC	128
K4-15D006ZZA3FL	3/4" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B8S2R	KVC	84
K4-15D006ZZAXFL	3/4" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B8S2R	KVC	65
K4-15D006ZZE3FL	3/4" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B8S2R	KVC	31
K4-15D006ZZGXFL	3/4" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B8S2R	KVC	27
K4-15D006ZZSXFL	3/4" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F316	316+HF	HANDWHEEL	B8S2R	KVC	137
K4-15D010SSA1FL	1" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B8T2R	KVC	226
K4-15D010SSA3FL	1" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B8T2R	KVC	55
K4-15D010SSAXFL	1" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B8T2R	KVC	22
K4-15D010SSE3FL	1" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B8T2R	KVC	76
K4-15D010SSGXFL	1" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B8T2R	KVC	17
K4-15D010SSI3FL	1" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F5	13CR+HF	HANDWHEEL	B8T2R	KVC	18
K4-15D010SSTXFL	1" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F316L	316+HF	HANDWHEEL	B8T2R	KVC	4
K4-15D010ZZA1FL	1" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B8S2R	KVC	336



Federal Hardware Engineering Co Pte Ltd

FHEC STOCK LIST AS AT 3-MARCH-2010

ITEM CODE	ITEM DESCRIPTION		BODY MATERIAL	TRIM MATERIAL	OPERATOR	FIGURE NUMBER	BRAND	CURRENT STOCK STATUS
K4-15D010ZZA3FL	1" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B8S2R	KVC	124
K4-15D010ZZAXFL	1" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B8S2R	KVC	29
K4-15D010ZZE3FL	1" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B8S2R	KVC	84
K4-15D010ZZHXFL	1" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F304L	316+HF	HANDWHEEL	B8S2R	KVC	20
K4-15D010ZZTXFL	1" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F316L	316+HF	HANDWHEEL	B8S2R	KVC	22
K4-15D014SSA3FL	1-1/2" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B8T2R	KVC	85
K4-15D014SSAXFL	1-1/2" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B8T2R	KVC	13
K4-15D014SSE3FL	1-1/2" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B8T2R	KVC	20
K4-15D014SSGXFL	1-1/2" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B8T2R	KVC	18
K4-15D014SSI3FL	1-1/2" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F5	13CR+HF	HANDWHEEL	B8T2R	KVC	16
K4-15D014SSSXFL	1-1/2" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F316	316+HF	HANDWHEEL	B8T2R	KVC	6
K4-15D014SSTXFL	1-1/2" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F316L	316+HF	HANDWHEEL	B8T2R	KVC	11
K4-15D014ZZA1FL	1-1/2" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B8S2R	KVC	15
K4-15D014ZZA3FL	1-1/2" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B8S2R	KVC	9
K4-15D014ZZAXFL	1-1/2" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B8S2R	KVC	0
K4-15D014ZZE3FL	1-1/2" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B8S2R	KVC	27
K4-15D014ZZGXFL	1-1/2" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B8S2R	KVC	6
K4-15D014ZZTXFL	1-1/2" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F316L	316+HF	HANDWHEEL	B8S2R	KVC	10
K4-15D020SSA1FL	2" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B8T2R	KVC	82
K4-15D020SSA3FL	2" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B8T2R	KVC	22
K4-15D020SSAXFL	2" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B8T2R	KVC	4
K4-15D020SSE3FL	2" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B8T2R	KVC	6
K4-15D020SSGXFL	2" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B8T2R	KVC	1
K4-15D020SSHXFL	2" RB CL 800 NPT GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F304L	316+HF	HANDWHEEL	B8T2R	KVC	5
K4-15D020ZZA1FL	2" RB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B8S2R	KVC	42
K4-15F004RFGXFL	1/2" RB CL 1500 RF GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B15FW2R	KVC	6
K4-15F004SSA1FL	1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B15T2R	KVC	38
K4-15F004SSA3FL	1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B15T2R	KVC	37
K4-15F004SSAXFL	1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B15T2R	KVC	20
K4-15F004SSE3FL	1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B15T2R	KVC	14
K4-15F004SSGXFL	1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B15T2R	KVC	20
K4-15F004SSI3FL	1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F5	13CR+HF	HANDWHEEL	B15T2R	KVC	8
K4-15F004SSSXFL	1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F316	316+HF	HANDWHEEL	B15T2R	KVC	10
K4-15F004ZZA1FL	1/2" RB CL 1500 SW GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B15S2R	KVC	33
K4-15F004ZZA3FL	1/2" RB CL 1500 SW GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B15S2R	KVC	34
K4-15F004ZZAXFL	1/2" RB CL 1500 SW GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B15S2R	KVC	15
K4-15F004ZZE3FL	1/2" RB CL 1500 SW GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B15S2R	KVC	18



Federal Hardware Engineering Co Pte Ltd

FHEC STOCK LIST AS AT 3-MARCH-2010

ITEM CODE	ITEM DESCRIPTION		BODY MATERIAL	TRIM MATERIAL	OPERATOR	FIGURE NUMBER	BRAND	CURRENT STOCK STATUS
K4-15F004ZZGXFL	1/2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B15S2R	KVC	8
K4-15F004ZZSXFL	1/2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316	316+HF	HANDWHEEL	B15S2R	KVC	3
K4-15F004ZZTXFL	1/2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316L	316+HF	HANDWHEEL	B15S2R	KVC	20
K4-15F006SSA1FL	3/4" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B15T2R	KVC	28
K4-15F006SSA3FL	3/4" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B15T2R	KVC	65
K4-15F006SSAXFL	3/4" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B15T2R	KVC	9
K4-15F006SSE3FL	3/4" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B15T2R	KVC	16
K4-15F006SSGXFL	3/4" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B15T2R	KVC	18
K4-15F006SSI3FL	3/4" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F5	13CR+HF	HANDWHEEL	B15T2R	KVC	10
K4-15F006SSSXFL	3/4" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316	316+HF	HANDWHEEL	B15T2R	KVC	12
K4-15F006SSTXFL	3/4" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316L	316+HF	HANDWHEEL	B15T2R	KVC	20
K4-15F006ZZA1FL	3/4" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B15S2R	KVC	77
K4-15F006ZZA3FL	3/4" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B15S2R	KVC	32
K4-15F006ZZAXFL	3/4" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B15S2R	KVC	11
K4-15F006ZZE3FL	3/4" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B15S2R	KVC	12
K4-15F006ZZGXFL	3/4" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B15S2R	KVC	8
K4-15F006ZZTXFL	3/4" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316L	316+HF	HANDWHEEL	B15S2R	KVC	29
K4-15F010SSA1FL	1" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B15T2R	KVC	26
K4-15F010SSA3FL	1" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B15T2R	KVC	30
K4-15F010SSAXFL	1" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B15T2R	KVC	15
K4-15F010SSE3FL	1" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B15T2R	KVC	14
K4-15F010SSGXFL	1" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B15T2R	KVC	20
K4-15F010SSI3FL	1" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F5	13CR+HF	HANDWHEEL	B15T2R	KVC	10
K4-15F010SSSXFL	1" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316	316+HF	HANDWHEEL	B15T2R	KVC	14
K4-15F010ZZA1FL	1" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B15S2R	KVC	8
K4-15F010ZZA3FL	1" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B15S2R	KVC	45
K4-15F010ZZAXFL	1" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B15S2R	KVC	61
K4-15F010ZZE3FL	1" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B15S2R	KVC	6
K4-15F010ZZGXFL	1" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B15S2R	KVC	18
K4-15F010ZZTXFL	1" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316L	316+HF	HANDWHEEL	B15S2R	KVC	10
K4-15F014SSA1FL	1-1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B15T2R	KVC	13
K4-15F014SSA3FL	1-1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B15T2R	KVC	24
K4-15F014SSAXFL	1-1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B15T2R	KVC	10
K4-15F014SSE3FL	1-1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B15T2R	KVC	14
K4-15F014SSGXFL	1-1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B15T2R	KVC	10
K4-15F014SSSXFL	1-1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316	316+HF	HANDWHEEL	B15T2R	KVC	1
K4-15F014SSTXFL	1-1/2" RB CL 1500 NPT GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	F316L	316+HF	HANDWHEEL	B15T2R	KVC	9
K4-15F014ZZA1FL	1-1/2" RB CL 1500 SW GATE VALVE TO API 602	BB. OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B15S2R	KVC	10



Federal Hardware Engineering Co Pte Ltd

FHEC STOCK LIST AS AT 3-MARCH-2010

ITEM CODE	ITEM DESCRIPTION		BODY MATERIAL	TRIM MATERIAL	OPERATOR	FIGURE NUMBER	BRAND	CURRENT STOCK STATUS
K4-15F014ZZA3FL	1-1/2" RB CL 1500 SW GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B15S2R	KVC	17
K4-15F014ZZAXFL	1-1/2" RB CL 1500 SW GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B15S2R	KVC	7
K4-15F014ZZGXFL	1-1/2" RB CL 1500 SW GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F304	316+HF	HANDWHEEL	B15S2R	KVC	10
K4-15F014ZZSXFL	1-1/2" RB CL 1500 SW GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F316	316+HF	HANDWHEEL	B15S2R	KVC	9
K4-15F020SSA1FL	2" RB CL 1500 NPT GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B15T2R	KVC	9
K4-15F020SSA3FL	2" RB CL 1500 NPT GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B15T2R	KVC	16
K4-15F020SSE3FL	2" RB CL 1500 NPT GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F11	13CR+HF	HANDWHEEL	B15T2R	KVC	12
K4-15F020ZZA1FL	2" RB CL 1500 SW GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B15S2R	KVC	40
K4-15F020ZZA3FL	2" RB CL 1500 SW GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HF	HANDWHEEL	B15S2R	KVC	10
K4-15F020ZZSXFL	2" RB CL 1500 SW GATE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	F316	316+HF	HANDWHEEL	B15S2R	KVC	4
K4-16D010ZZA1FL	1" FB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	13CR+HFS	HANDWHEEL	B8S2F	KVC	6
K4-16D010ZZAXFL	1" FB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B8S2F	KVC	7
K4-16D014ZZAXFL	1-1/2" FB CL 800 SW GLOBE VALVE TO API 602	BB, OS&Y, RS, PLUG TYPE DISC	A105N	316+HF	HANDWHEEL	B8S2F	KVC	10
M8-09D014ZZAXF-	1-1/2" FB CL 800 SW PISTON CHECK VALVE TO API 602	BOLTED CAP	A105N	316+HF	HANDWHEEL	B8S4F	KVC	10