

KIR



KIRMARY

Fire Fighting valves



MARY



KIRMARY International L.L.C.



Flanged & Grooved

OS&Y Gate Valve



Flanged & Grooved

Check valve



KIRMARY Fire Fighting Valves

NRS Gate Valve



**Grooved & Wafer
Butterfly Valve with Tamper Switch**

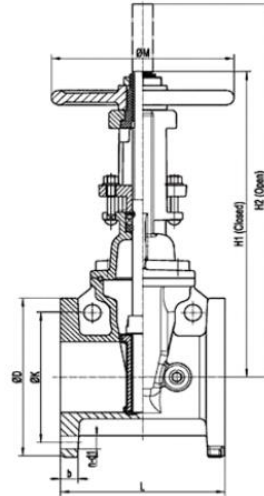


Technical data sheets

Flanged Resilient Seated OS&Y Gate Valve

KIRMARY BRAND

Model No. KM800



Technical data

- Size: 2"~12"
- Working pressure: 300psi
- Design standard: AWWA C515
- Face to face: ASME B16.10
- Flange standard: ASME-B16.1 CIASS125
- Tests: AWWA C515
- Temperature range: 0~80°C

SIZE Inch	OUTLINE (Inch)				END FLANGE CIASS125 (Inch)			
	L	H 1	H2	M	D	K	n-d1	b
2	7	13.46	15.67	7	6.00	4.75	4-0.75	0.62
2 1/2	7.5	13.11	15.79	7	7.00	5.50	4-0.75	0.69
3	8	14.89	18.23	7	7.50	6.00	4-0.75	0.75
4	9	17.46	21.63	10	9.00	7.50	8-0.75	0.94
5	10	20.39	25.63	10	10.00	8.50	8-0.88	0.94
6	10.5	23.29	29.59	12	11.00	9.50	8-0.88	1.00
8	11.5	28.78	37.01	14	13.50	11.75	8-0.88	1.12
10	13	35.04	45.28	16	16.00	14.25	12-1.00	1.19
12	14	40.61	52.78	16	19.00	17.00	12-1.00	1.25

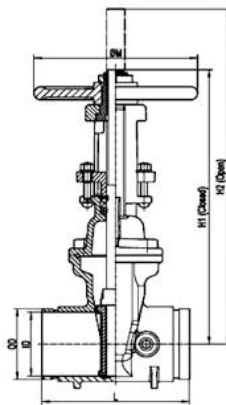
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website: www.kirmary.com

Grooved Resilient Seated OS&Y Gate Valve

KIRMARY BRAND

Model No. KM850



Name of parts	Material
Body	Ductile iron
Wedge	Ductile iron+EPDM
Stem nut	Bronze
Stem	SS431 or SS304,SS316,bronze
Bonnet	Ductile iron
Bonnet Gasket	EPDM
Sealing Ring	EPDM
Yoke	Ductile iron
Sliding disc	Bronze
Screw	Carbon steel with hot galvanization
O-rings	EPDM
Handwheel	Ductile iron

Technical data

- Size: 2”~12”
- Working pressure: 362psi
- Valve standard: AWWA C515
- Grooved standard: AWWA C606
- Temperature range: 0~80°C

SIZE Inch	OUTLINE (Inch)				END GROOVED (Inch)	
	L	H 1	H2	M	OD	ID
2	7	13.46	15.67	7	2.37	2.09
2.5	7.5	13.11	15.79	7	2.87	2.48
3	8	14.89	18.23	7	3.50	3.07
4	9	17.46	21.63	10	4.50	4.06
5	10	20.39	25.63	10	5.56	5.04
6	10.5	23.29	29.59	12	6.63	6.10
8	11.5	28.78	37.01	14	8.63	8.03
10	13	35.04	45.28	16	10.75	10.04
12	14	40.61	52.78	16	12.75	11.97

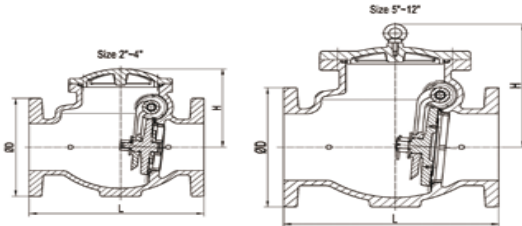
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website: www.kirmary.com

Flanged Swing Check Valve

KIRMARY BRAND

Model No. KM900



Name of parts	Material
Body	Ductile iron
Seat Ring	Bronze
Disc Sealing Ring	EPDM
Disc plate	SS304
Disc	Ductile iron
Clapper Arm	Ductile iron
Bonnet Gasket	EPDM
Bonnet	Ductile iron
Hinge Pin	SS304
Hinge Bushing	Bronze
Hinge Plug	SS304

Technical data

- Size: 2" ~ 12"
- Working pressure: 300psi
- Valve standard: AWWA C508
- Flange standard: ASME-B16.1 Class125
- Temperature range: 0~80°C

Dimensions		Pressure rating	Size (mm)		
DN	inch	psi	ΦD	L	H
50	2	300	152	203	125
65	2.5	300	178	254	139
80	3	300	191	279	153
100	4	300	229	330	184
125	5	300	254	356	275
150	6	300	279	406	289
200	8	300	343	496	352
250	10	300	406	559	411
300	12	300	483	660	480

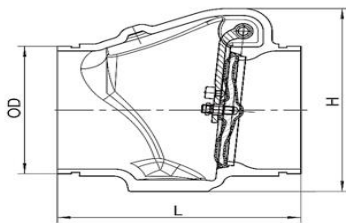
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website: www.kirmary.com

Grooved Swing Check Valve

KIRMARY BRAND

Model No. KM950



Name of parts	Material
Body	Ductile iron
Seat Ring	Bronze
Disc Sealing Ring	EPDM
Disc plate	SS304
Disc	Ductile iron
Clapper Arm	Ductile iron
Bonnet Gasket	EPDM
Bonnet	Ductile iron
Hinge Pin	SS304
Hinge Bushing	Bronze
Hinge Plug	SS304

Technical data

- Size: 2" ~ 12"
- Working pressure: 365psi
- Grooved standard: AWWA C606
- Temperature range: 0~80°C

Dimensions		Pressure rating psi	Size(mm)		
DN	inch		OD	L	H
50	2	365	60.3	167	122.5
65	2.5	365	73	180	136.5
			76.1		
80	3	365	88.9	198	165.5
100	4	365	114.3	229	193.5
125	5	365	139.7	254	235.5
			141.3		
150	6	365	165.1	272	252
			168.3		
200	8	365	219.1	330	314.5
250	10	362	273.1	435	395
300	12	362	323.9	510	460

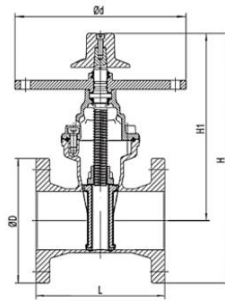
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website: www.kirmary.com

Flanged Resilient Seated NRS Gate Valve with Indicator Post

KIRMARY BRAND

Model No. KM104



Name of parts	Material
Body	Ductile iron
Wedge	Ductile iron+EPDM
Stem Nut	Bronze
Stem	SS431 or SS304,SS316,bronze
Bonnet	Ductile iron
Bonnet Gasket	EPDM
Sealing Ring	EPDM
Indicator Post Flange	Ductile iron
Sliding disc	Bronze
Screw	Carbon steel with hot galvanization
O-rings	EPDM
Wrench Nut	Ductile iron

Technical data >

- Size: 2" ~ 12"
- Working pressure: 175psi, 300psi
- Flange standard: ASME-B16.1 Class125
- Temperature range: 0 ~ 80°C

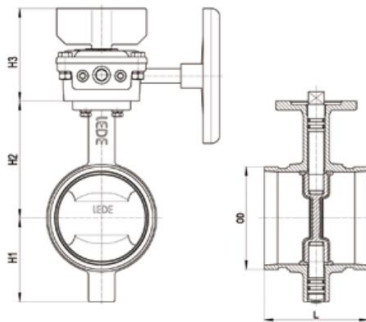
Dimensions		Pressure rating	Size(mm)				
DN	inch		psi	Φ D	L	H1	H
100	4	175	229	229	332.5	449	305
		300					
125	5	175	254	254	385	512	305
		300					
150	6	175	279	267	432.5	572	305
		300					
200	8	175	343	292	527	698.5	305
		300					
250	10	175	406	330	645	848	305
		300					
300	12	175	483	356	722	963.5	305
		300					

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Grooved Butterfly Valve with Tamper Switch

KIRMARY BRAND



Name of parts	Material
Body	Ductile iron
Plug	EPDM
Driven shaft	1Cr17Ni2
Disc	Ductile iron and EPDM
Actuating shaft	1Cr17Ni2
Bearing bush	Bronze
O-rings	EPDM
Gear operator	Ductile iron and steel

Technical data

- Size: DN50~DN200
- Working pressure: DN50~DN150 362psi, DN200 232psi
- Valve standard: MSS SP-67
- Grooved standard: AWWA C606
- Top Flange standard: EN ISO 5211
- Temperature range: 0~80°C
- Suitable for indoor and outdoor use

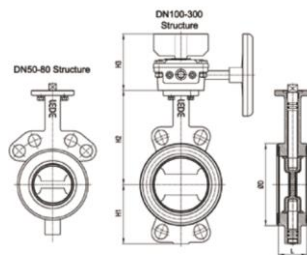
Dimensions		Pressure rating	Size(mm)					
DN	inch		psi	OD	L	H1	H2	H3
50	2	362	60.3	81	56	91	103	F05
65	2.5	362	73	96.8	68	104	103	F05
			76.1					
80	3	362	88.9	96.8	75	111	103	F07
100	4	362	114.3	115.8	93	130	103	F07
125	5	362	139.7	147.6	111	153	103	F07
			141.3		111	153		
150	6	362	165.1	147.6	123	165	103	F07
			168.3		123	165		
200	8	232	219.1	133.4	160	194	109	F07

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Wafer Butterfly Valve with Tamper Switch

KIRMARY BRAND



Name of parts	Material
Body	Ductile iron
Plug	EPDM
Driven shaft	1Cr17Ni2
Disc	Ductile iron and EPDM
Actuating shaft	1Cr17Ni2
Bearing bush	Bronze
O-rings	EPDM
Gear operator	Ductile iron and steel

Technical data

- Size: DN50~DN300
- Working pressure:PN16/PN25
- Valve standard: EN593
- Flange standard:ASME-B16.1 Class 125 and EN1092-2
- Top Flange standard:EN ISO 5211
- Temperature range: 0~80℃
- Suitable for indoor and outdoor use

Dimensions		Pressure rating psi	Size(mm)					
DN	inch		ΦD	L	H1	H2	H3	Top Flange
50	2	362	91	43	70	125	103	F05
65	2.5	362	108	46	76	143.5	103	F05
80	3	362	124	46	94	151	103	F05
100	4	362	150	52	108	172	103	F07
125	5	362	178	56	127	190	103	F07
150	6	362	205	56	139	202	103	F07
200	8	232	260	60	175	235	103	F07
250	10	232	313	68	210	265	109	F10
300	12	232	364	78	238	285	109	F10

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website: www.kirmary.com

FM/UL Certificates



Certificate of Compliance

This certificate is issued for the following:

Fire Service Water Control Valves (OS&Y and NRS Type Gate Valves)

Models: KM101-1.6, KM102-1.6, KM101-2.5, KM102-2.5, KM103-175, KM104-175, KM103-300, KM104-300, KM105, KM106-1.6, KM107-1.6, KM106-2.5, KM107-2.5, KM108-175, KM108-300, KM109, KM110, KM111, KM112, KM113, KM800, KM850

Prepared for:

Kirmary International LLC
91 Linden Ave
Irvington Township, New Jersey 07111
USA

Approval Standard: FM 1120, 1130 (April 1997)

Approval Identification: PR467295

Approval Granted: 23 October 2023

To verify the availability of the Approved product, please refer to www.approvalguide.com

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

A handwritten signature in black ink, appearing to read 'D.B. Fuller', written over a horizontal line.

David B. Fuller
VP, Manager – Fire Protection
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062



Member of the FM Global Group



Model KM800

File Number: EX29165

COMPANY

Kirmary International LLC

91 Linden Ave
Irvington Township, NJ 07111 United States

MODEL INFO

KM800

GENERAL			
Pattern	Size, in.	End Configuration	Rated Pressure, psig (kPa)
NRS	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12	F by F	300 (2068)

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Fire Service Water Control Valves (OS&Y and NRS Type Gate Valves)

Models: KM101-1.6, KM102-1.6, KM101-2.5, KM102-2.5, KM103-175, KM104-175, KM103-300, KM104-300, KM105, KM106-1.6, KM107-1.6, KM106-2.5, KM107-2.5, KM108-175, KM108-300, KM109, KM110, KM111, KM112, KM113, KM800, **KM850**

Prepared for:

Kirmary International LLC
91 Linden Ave
Irvington Township, New Jersey 07111
USA

Approval Standard: FM 1120, 1130 (April 1997)

Approval Identification: PR467295

Approval Granted: 23 October 2023

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VP, Manager – Fire Protection
FM Approvals
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Norwood, MA 02062



Member of the FM Global Group



Model KM850

File Number: EX29165

COMPANY

Kirmary International LLC

91 Linden Ave
Irvington Township, NJ 07111 United States

MODEL INFO

KM850

GENERAL			
Pattern	Size, in.	End Configuration	Rated Pressure, psig (kPa)
NRS	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12	G by G	365 (2516)

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Certificate of Compliance

This certificate is issued for the following:

Swing Check Valves

Models: KM950, **KM900**, KM900-01, KM114

Prepared for:

Kirmary International LLC
91 Linden Ave
Irvington Township, New Jersey 07111
USA

Approval Standard: FM 1210 (June 2004)

Approval Identification: PR467295

Approval Granted: 23 October 2023

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1151 Boston-Providence Turnpike
Norwood, MA 02062



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Model KM900

File Number: EX29166

COMPANY

Kirmary International LLC

91 Linden Ave
Irvington Township, NJ 07111 United States

MODEL INFO

KM900

Swing

ATTRIBUTES AND RATINGS

Valve Seat Facing	Nom Pipe Size, NPS	End Configuration	Rated Pressure, psig (kPa)	Installation Position
Elastomeric	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12	Flange by Flange	300 (2068)	Horizontal, Vertical

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Prepared for:

Kirmary International LLC
91 Linden Ave
Irvington Township, New Jersey 07111
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Member of the FM Global Group



Model KM950

File Number: EX29166

COMPANY

Kirmary International LLC

91 Linden Ave
Irvington Township, NJ 07111 United States

MODEL INFO

KM950

Swing

ATTRIBUTES AND RATINGS

Valve Seat Facing	Nom Pipe Size, NPS	End Configuration	Rated Pressure, psig (kPa)	Installation Position
Elastomeric	2, 2-1/2, 76.1 mm, 3, 4, 5, 139.7 mm, 6, 165.1 mm, 8, 10, 12	Groove by Groove	365 (2516)	Horizontal, Vertical

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Member of the FM Global Group



Model KM104-300

File Number: EX29165

COMPANY

Kirmary International LLC

91 Linden Ave
Irvington Township, NJ 07111 United States

MODEL INFO

KM104-300

GENERAL

Pattern	Size, in.	End Configuration	Rated Pressure, psig (kPa)
NRS	4, 5, 6, 8, 10, 12	F by F	300 (2068)

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