



Valves | Water Control Valves (OS&Y and NRS Gate Valves) | **Gate Valves, Outside Screw and Yoke**

Model 1210

Product Description

Resilient Seated Gate Valves. 2 through 12 inch NPS. Available with the following end connections and rated working pressure:

Product Specification

Model No	Valve Size		Rated Working Pressure		End Connection
	in	(mm)	psi	(kPa)	
1210	2, 2 1/2, 3, 4, 5, 6, 8, 10, 12	(50, 65, 80, 100, 125, 150, 200, 250, 300)	300	(2065)	Flange x Flange (ANSI)

Details

Category	Gate Valves, Outside Screw and Yoke
Class of Work	1120 - OS&Y and NRS Gate Valves
Approval Standard	FM 1120, 1130 - Fire Service Water Control Valves (OS&Y and NRS Type Gate Valves)
Certification Type	FM Approved
Listing Country	China

Company

Shandong Lede Machinery Co. Ltd.

No. 3998 West Weihuan N Rd,
Weicheng Dist, Weifang City,
Shandong 261057, China

<http://wflede.com>



Valves | Water Control Valves (OS&Y and NRS Gate Valves) | **Gate Valves, Outside Screw and Yoke**

Model 1211

Product Description

Resilient Seated Gate Valves. 3 through 12 inch NPS. Available with the following end connections and rated working pressure:

Product Specification

Model No	Valve Size		Rated Working Pressure		End Connection
	in	(mm)	psi	(kPa)	
1211	3, 4, 5, 6, 8, 10, 12	(80, 100, 125, 150, 200, 250, 300)	362	(2495)	Groove x Groove (AWWA)

Details

Category	Gate Valves, Outside Screw and Yoke
Class of Work	1120 - OS&Y and NRS Gate Valves
Approval Standard	FM 1120, 1130 - Fire Service Water Control Valves (OS&Y and NRS Type Gate Valves)
Certification Type	FM Approved
Listing Country	China

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Valves | Single Check Valves | **Check Valves, Single**

Models H84X, H44X, H44X-01 and H44X-1.6

Product Description

Product Specification

Model No	Description	Valve Size		Rated Working Pressure		Remarks
		in	(mm)	psi	(kPa)	
Model H84X	Swing Check Valve, Grooved Ends	2, 2 1/2, 3, 4, 5, 6, 8, 10, 12	(50, 65, 80, 100, 125, 150, 200, 250, 300, 76.1, 139.7, 165.1)	365	(2515)	a, b
Model H44X	Swing Check Valve, Flanged Ends	2, 2 1/2, 3, 4, 5, 6, 8, 10, 12	(50, 65, 80, 100, 125, 150, 200, 250, 300)	300	(2065)	a, b
Model H44X-01	Swing Check Valve, Flanged Ends	2, 2 1/2, 3, 4, 5, 6, 8, 10, 12	(50, 65, 80, 100, 125, 150, 200, 250, 300)	300	(2065)	a, b
Model H44X-1.6	Swing Check Valve, Flanged Ends	2, 2 1/2, 3, 4, 5, 6, 8, 10, 12	(50, 65, 80, 100, 125, 150, 200, 250, 300)	300	(2065)	a, b, c

Remarks:

- a. For use in horizontal and vertical installations.
- b. Resilient seat.
- c. Flanged end connections conform to EN1092-2.



Details

Category	Check Valves, Single
Class of Work	1210 - Single Check Valves
Approval Standard	FM 1210 - Swing Check Valves
Certification Type	FM Approved
Listing Country	China

Company

Shandong Lede Machinery Co. Ltd.

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Valves | Water Control Valves (OS&Y and NRS Gate Valves) | **Gate Valves, Outside Screw and Yoke**

Model Z41X-03-175

Product Description

Resilient Seated Gate Valves. 2 through 12 inch NPS. Available with the following end connections and rated working pressure:

Product Specification

Model No	Valve Size		Rated Working Pressure		End Connection
	in	(mm)	psi	(kPa)	
Z41X-03-175	2, 2 1/2, 3, 4, 5, 6, 8, 10, 12	(50, 65, 80, 100, 125, 150, 200, 250, 300)	175	(1205)	Flange x Flange (ANSI)

Details

Category	Gate Valves, Outside Screw and Yoke
Class of Work	1120 - OS&Y and NRS Gate Valves
Approval Standard	FM 1120, 1130 - Fire Service Water Control Valves (OS&Y and NRS Type Gate Valves)
Certification Type	FM Approved
Listing Country	China

Company

Shandong Lede Machinery Co. Ltd.

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Valves | Water Control Valves (OS&Y and NRS Gate Valves) | **Gate Valves, Outside Screw and Yoke**

Model Z41X-03-300

Product Description

Resilient Seated Gate Valves. 2 through 12 inch NPS. Available with the following end connections and rated working pressure:

Product Specification

Model No	Valve Size		Rated Working Pressure		End Connection
	in	(mm)	psi	(kPa)	
Z41X-03-300	2, 2 1/2, 3, 4, 5, 6, 8, 10, 12	(50, 65, 80, 100, 125, 150, 200, 250, 300)	300	(2065)	Flange x Flange (ANSI)

Details

Category	Gate Valves, Outside Screw and Yoke
Class of Work	1120 - OS&Y and NRS Gate Valves
Approval Standard	FM 1120, 1130 - Fire Service Water Control Valves (OS&Y and NRS Type Gate Valves)
Certification Type	FM Approved
Listing Country	China

Company

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Valves | Water Control Valves (OS&Y and NRS Gate Valves) | **Gate Valves, Outside Screw and Yoke**

Model Z41X-01-1.6, Z41X-02-1.6

Product Description

Resilient Seated Gate Valves. 2 through 12 inch NPS. Available with the following end connections and rated working pressure:

Product Specification

Model No	Valve Size		Rated Working Pressure		End Connection
	in	(mm)	psi	(kPa)	
Z41X-01-1.6	2, 2 1/2, 3, 4, 5, 6, 8, 10, 12	(50, 65, 80, 100, 125, 150, 200, 250, 300)	232	(1595)	Flange x Flange (EN)
Z41X-02-1.6	2, 2 1/2, 3, 4, 5, 6, 8, 10, 12	(50, 65, 80, 100, 125, 150, 200, 250, 300)	232	(1595)	Flange x Flange (BS)

Details

Category	Gate Valves, Outside Screw and Yoke
Class of Work	1120 - OS&Y and NRS Gate Valves
Approval Standard	FM 1120, 1130 - Fire Service Water Control Valves (OS&Y and NRS Type Gate Valves)
Certification Type	FM Approved
Listing Country	China

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Valves | Water Control Valves (OS&Y and NRS Gate Valves) | **Gate Valves, Outside Screw and Yoke**

Model Z41X-01-2.5, Z41X-02-2.5

Product Description

Resilient Seated Gate Valves. 2 through 12 inch NPS. Available with the following end connections and rated working pressure:

Product Specification

Model No	Valve Size		Rated Working Pressure		End Connection
	in	(mm)	psi	(kPa)	
Z41X-01-2.5	2, 2 1/2, 3, 4, 5, 6, 8, 10, 12	(50, 65, 80, 100, 125, 150, 200, 250, 300)	365	(2515)	Flange x Flange (EN)
Z41X-02-2.5	2, 2 1/2, 3, 4, 5, 6, 8, 10, 12	(50, 65, 80, 100, 125, 150, 200, 250, 300)	365	(2515)	Flange x Flange (BS)

Details

Category	Gate Valves, Outside Screw and Yoke
Class of Work	1120 - OS&Y and NRS Gate Valves
Approval Standard	FM 1120, 1130 - Fire Service Water Control Valves (OS&Y and NRS Type Gate Valves)
Certification Type	FM Approved
Listing Country	China

Company

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Valves | Water Control Valves (OS&Y and NRS Gate Valves) | **Gate Valves, Outside Screw and Yoke**

Model Z81X-2.5

Product Description

Resilient Seated Gate Valves. 2 through 8 inch NPS. Available with the following end connections and rated working pressure:

Product Specification

Model No	Valve Size		Rated Working Pressure		End Connection
	in	(mm)	psi	(kPa)	
Z81X-2.5	2, 2 1/2, 3, 4, 5, 6, 8	(50, 65, 80, 100, 125, 150, 200)	365	(2515)	Groove x Groove (GB, AWWA)

Details

Category	Gate Valves, Outside Screw and Yoke
Class of Work	1120 - OS&Y and NRS Gate Valves
Approval Standard	FM 1120, 1130 - Fire Service Water Control Valves (OS&Y and NRS Type Gate Valves)
Certification Type	FM Approved
Listing Country	China

Company

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Listing Sheet for Model Z41X, Z81X, 1210 and 1211Automatic Sprinkler Systems  Valves  Gate Valves  Outside Screw and Yoke Gate Valves**Model Z41X-150**

Resilient Seated Gate Valves. 2 through 12 inch NPS. Available with the following end connections and rated working pressure:

Model Name	Size, in. (mm)	Rated Working Pressure	End Connection
Z41X-150	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 (50, 65, 80, 100, 125, 150, 200, 250, 300)	175 psi (1205 kPa)	Flange x Flange (ANSI)

Model Z41X-300

Resilient Seated Gate Valves. 2 through 12 inch NPS. Available with the following end connections and rated working pressure:

Model Name	Size, in. (mm)	Rated Working Pressure	End Connection
Z41X-300	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 (50, 65, 80, 100, 125, 150, 200, 250, 300)	300 psi (2070 kPa)	Flange x Flange (ANSI)

Model Z41X-1.6

Resilient Seated Gate Valves. 2 through 12 inch NPS. Available with the following end connections and rated working pressure:

Model Name	Size, in. (mm)	Rated Working Pressure	End Connection
Z41X-1.6	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 (50, 65, 80, 100, 125, 150, 200, 250, 300)	232 psi (1600 kPa)	Flange x Flange (EN, BS, ISO)

Model Z41X-2.5

Resilient Seated Gate Valves. 2 through 12 inch NPS. Available with the following end connections and rated working pressure:

Model Name	Size, in. (mm)	Rated Working Pressure	End Connection
Z41X-2.5	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 (50, 65, 80, 100, 125, 150, 200, 250, 300)	365 psi (2500 kPa)	Flange x Flange (EN, BS, ISO)

Model Z81X-2.5

Resilient Seated Gate Valves. 2 through 8 inch NPS. Available with the following end connections and rated working pressure:

Model Name	Size, in. (mm)	Rated Working Pressure	End Connection
Z81X-2.5	2, 2-1/2, 3, 4, 5, 6, 8 (50, 65, 80, 100, 125, 150, 200)	365 psi (2500 kPa)	Groove x Groove (GB, AWWA)

Model 1210

Resilient Seated Gate Valves. 2 through 12 inch NPS. Available with the following end connections and rated working pressures:

Model Name	Size, in. (mm)	Rated Working Pressure	End Connection
1210	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 (50, 65, 80, 100, 125, 150, 200, 250, 300)	300 psi (2070 kPa)	Flange x Flange (ANSI)

Model 1211

Resilient Seated Gate Valves. 3 through 12 inch NPS. Available with the following end connections and rated working pressures:

Model Name	Size, in. (mm)	Rated Working Pressure	End Connection
1211	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 (50, 65, 80, 100, 125, 150, 200, 250, 300)	362 psi (2500 kPa)	Groove x Groove (AWWA)

Listing Sheet for Model Z45X, Z85X, 1110, 1112 and 1113Automatic Sprinkler Systems  Valves  Gate Valves  Inside Screw Gate Valves**Model Z45X-150**

Resilient Seated Gate Valves. 2 through 12 inch NPS. Available with the following end connections and rated working pressure:

Model Name	Size, in. (mm)	Rated Working Pressure	End Connection
Z45X-150	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 (50, 65, 80, 100, 125, 150, 200, 250, 300)	175 psi (1205 kPa)	Flange x Flange (ANSI)

Model Z45X-300

Resilient Seated Gate Valves. 2 through 12 inch NPS. Available with the following end connections and rated working pressure:

Model Name	Size, in. (mm)	Rated Working Pressure	End Connection
Z45X-300	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 (50, 65, 80, 100, 125, 150, 200, 250, 300)	300 psi (2070 kPa)	Flange x Flange (ANSI)

Model Z45X-1.6

Resilient Seated Gate Valves. 2 through 12 inch NPS. Available with the following end connections and rated working pressure:

Model Name	Size, in. (mm)	Rated Working Pressure	End Connection
Z45X-1.6	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 (50, 65, 80, 100, 125, 150, 200, 250, 300)	232 psi (1600 kPa)	Flange x Flange (EN, BS, ISO)

Model Z45X-2.5

Resilient Seated Gate Valves. 2 through 12 inch NPS. Available with the following end connections and rated working pressure:

Model Name	Size, in. (mm)	Rated Working Pressure	End Connection
Z45X-2.5	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 (50, 65, 80, 100, 125, 150, 200, 250, 300)	365 psi (2500 kPa)	Flange x Flange (EN, BS, ISO)

Model Z85X-2.5

Resilient Seated Gate Valves. 2 through 8 inch NPS. Available with the following end connections and rated working pressure:

Model Name	Size, in. (mm)	Rated Working Pressure	End Connection
Z85X-2.5	2, 2-1/2, 3, 4, 5, 6, 8 (50, 65, 80, 100, 125, 150, 200)	365 psi (2500 kPa)	Groove x Groove (GB, AWWA)

Model 1110

Resilient Seated Gate Valves. 2 through 12 inch NPS. Available with the following end connections and rated working pressures:

Model Name	Size, in. (mm)	Rated Working Pressure	End Connection
1110	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 (50, 65, 80, 100, 125, 150, 200, 250, 300)	300 psi (2070 kPa)	Flange x Flange (ANSI)

Model 1112

Resilient Seated Gate Valves. 3 through 12 inch NPS. Available with the following end connections and rated working pressures:

Model Name	Size, in. (mm)	Rated Working Pressure	End Connection
1112	3, 4, 6, 8, 10, 12 (80, 100, 150, 200, 250, 300)	362 psi (2500 kPa)	MJ

Model 1113

Resilient Seated Gate Valves. 4 through 12 inch NPS with Indicator Post Flange. Available with the following end connections and rated working pressures:

Model Name	Size, in. (mm)	Rated Working Pressure	End Connection
1113	4, 6, 8, 10, 12 (100, 150, 200, 250, 300)	362 psi (2500 kPa)	MJ

CDL Control Drawing Blueprint Report

Blueprint Report**Shandong Lede Machinery Co Ltd (113572)****Class No 1120****Original Project I.D. 3060255**

<u>Drawing No.</u>	<u>Revision Level</u>	<u>Drawing Title</u>	<u>Last Report</u>	<u>Electronic Drawing</u>
11-2000025-100-150-22	-	Wrench Nut DN100-DN150	3060255	Yes (pdf)
11-2000025-200-22	-	Wrench Nut DN200	3060255	Yes (pdf)
11-2000025-250-23	-	Indicator Post Flange DN250	3060255	Yes (pdf)
11-2000025-250-300-22	-	Wrench Nut DN250-DN300	3060255	Yes (pdf)
11-2000025-300-23	-	Indicator Post Flange DN300	3060255	Yes (pdf)
1110-Mark	-	1110-Mark	3060255	Yes (pdf)
1112-Mark	-	1112-Mark	3060255	Yes (pdf)
1113-Mark	-	1113-Mark	3060255	Yes (pdf)
1210-Mark	-	1210-Mark	3060255	Yes (pdf)
1211-Mark	-	1211-Mark	3060255	Yes (pdf)
17(MJ)-20000362-10"-00	-	Assembly AWWA 10" 362PSI MJ	3060255	Yes (pdf)
17(MJ)-20000362-10"-01	-	Body AWWA 10" 362PSI MJ	3060255	Yes (pdf)
17(MJ)-20000362-12"-00	-	Assembly AWWA 12" 362PSI MJ	3060255	Yes (pdf)
17(MJ)-20000362-12"-01	-	Body AWWA 12" 362PSI MJ	3060255	Yes (pdf)
17(MJ)-20000362-3"-00	-	Assembly AWWA 3" 362PSI MJ	3060255	Yes (pdf)
17(MJ)-20000362-3"-01	-	Body AWWA 3" 362PSI MJ	3060255	Yes (pdf)
17(MJ)-20000362-4"-00I	-	Assembly AWWA 4"362PSI MJ	3060255	Yes (pdf)
17(MJ)-20000362-4"-00	-	Assembly AWWA 4" 362PSI MJ	3060255	Yes (pdf)
17(MJ)-20000362-4"-01	-	Body AWWA 4" 362PSI MJ	3060255	Yes (pdf)
17(MJ)-20000362-6"-00I	-	Assembly AWWA 6" 362PSI MJ	3060255	Yes (pdf)
17(MJ)-20000362-6"-00	-	Assembly AWWA 6" 362PSI MJ	3060255	Yes (pdf)
17(MJ)-20000362-6"-01	-	Body AWWA 6" 362PSI MJ	3060255	Yes (pdf)
17(MJ)-20000362-8"-00	-	Assembly AWWA 8" 362PSI MJ	3060255	Yes (pdf)
17(MJ)-20000362-8"-01	-	Body AWWA 8" 362PSI MJ	3060255	Yes (pdf)
17(MJ)-20003362-10"-00I	-	Assembly AWWA 10" 362PSI MJ	3060255	Yes (pdf)
17(MJ)-20003362-12"-00I	-	Assembly AWWA 12" 362PSI MJ	3060255	Yes (pdf)
17(MJ)-20003362-8"-00I	-	Assembly AWWA 8" 362PSI MJ	3060255	Yes (pdf)
17-20003300-10"-00	-	Assembly AWWA 10" 300PSI	3060255	Yes (pdf)
17-20003300-10"-01	-	Body AWWA 10" 300PSI	3060255	Yes (pdf)
17-20003300-10"-21	-	Handwheel AWWA OD406	3060255	Yes (pdf)
17-20003300-12"-00	-	Assembly AWWA 12" 300PSI	3060255	Yes (pdf)
17-20003300-12"-01	-	Body AWWA 12" 300PSI	3060255	Yes (pdf)
17-20003300-2"-00	-	Assembly AWWA 2" 300PSI	3060255	Yes (pdf)
17-20003300-2"-01	-	Body AWWA 2" 300PSI	3060255	Yes (pdf)
17-20003300-2.5"-00	-	Assembly AWWA 2.5" 300PSI	3060255	Yes (pdf)
17-20003300-2.5"-01	-	Body AWWA 2.5" 300PSI	3060255	Yes (pdf)
17-20003300-2.5"-21	-	Handwheel AWWA OD178	3060255	Yes (pdf)
17-20003300-3"-00	-	Assembly AWWA 3" 300PSI	3060255	Yes (pdf)
17-20003300-3"-01	-	Body AWWA 3" 300PSI	3060255	Yes (pdf)
17-20003300-3"-06	-	Bonnet AWWA 3" 300PSI	3060255	Yes (pdf)
17-20003300-3"-09	-	Upper Cover AWWA 3" 300PSI	3060255	Yes (pdf)
17-20003300-3"-21	-	Handwheel AWWA OD178	3060255	Yes (pdf)

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17-20003300-4"-00	-	Assembly AWWA 4" 300PSI	3060255	Yes (pdf)
17-20003300-4"-01	-	Body AWWA 4" 300PSI	3060255	Yes (pdf)
17-20003300-4"-06	-	Bonnet AWWA 4" 300PSI	3060255	Yes (pdf)
17-20003300-4"-09	-	Upper Cover AWWA 4" 300PSI	3060255	Yes (pdf)
17-20003300-4"-21	-	Handwheel AWWA OD254	3060255	Yes (pdf)
17-20003300-5"-00	-	Assembly AWWA 5" 300PSI	3060255	Yes (pdf)
17-20003300-5"-01	-	Body AWWA 5" 300PSI	3060255	Yes (pdf)
17-20003300-5"-06	-	Bonnet AWWA 5" 300PSI	3060255	Yes (pdf)
17-20003300-6"-00	-	Assembly AWWA 6" 300PSI	3060255	Yes (pdf)
17-20003300-6"-01	-	Body AWWA 6" 300PSI	3060255	Yes (pdf)
17-20003300-6"-06	-	Bonnet AWWA 6" 300PSI	3060255	Yes (pdf)
17-20003300-6"-09	-	Upper Cover AWWA 6" 300PSI	3060255	Yes (pdf)
17-20003300-6"-21	-	Handwheel AWWA OD305	3060255	Yes (pdf)
17-20003300-8"-00	-	Assembly AWWA 8" 300PSI	3060255	Yes (pdf)
17-20003300-8"-01	-	Body AWWA 8" 300PSI	3060255	Yes (pdf)
17-20003300-8"-09	-	Upper Cover AWWA 8" 300PSI	3060255	Yes (pdf)
17-20003300-8"-21	-	Handwheel AWWA OD356	3060255	Yes (pdf)
17-20003362-4"-23	-	Indicator Post Flange 4"	3060255	Yes (pdf)
17-20003362-6"-22	-	Wrench Nut 6"	3060255	Yes (pdf)
17-20003362-6"-23	-	Indicator Post Flange 6"	3060255	Yes (pdf)
17-20003362-8"-23	-	Indicator Post Flange 8"	3060255	Yes (pdf)
17-60003300-10"-04	-	Stem AWWA 10" 300PSI	3060255	Yes (pdf)
17-60003300-12"-04	-	Stem AWWA 12" 300PSI	3060255	Yes (pdf)
17-60003300-2.5"-04	-	Stem AWWA 2.5" 300PSI	3060255	Yes (pdf)
17-60003300-3"-04	-	Stem AWWA 3" 300PSI	3060255	Yes (pdf)
17-60003300-4"-04	-	Stem AWWA 4" 300PSI	3060255	Yes (pdf)
17-60003300-5"-04	-	Stem AWWA 5" 300PSI	3060255	Yes (pdf)
17-60003300-6"-04	-	Stem AWWA 6" 300PSI	3060255	Yes (pdf)
17-60003300-8"-04	-	Stem AWWA 8" 300PSI	3060255	Yes (pdf)
17-70003300-10"-03	-	Stem nut AWWA 10" 300PSI	3060255	Yes (pdf)
17-70003300-12"-03	-	Stem nut AWWA 12" 300PSI	3060255	Yes (pdf)
17-70003300-2.5"-03	-	Stem nut AWWA 2.5" 300PSI	3060255	Yes (pdf)
17-70003300-3"-03	-	Stem nut AWWA 3" 300PSI	3060255	Yes (pdf)
17-70003300-4"-03	-	Stem nut AWWA 4" 300PSI	3060255	Yes (pdf)
17-70003300-4"-08	-	Sliding disc AWWA 4" 300PSI	3060255	Yes (pdf)
17-70003300-5"-03	-	Stem nut AWWA 5" 300PSI	3060255	Yes (pdf)
17-70003300-6"-03	-	Stem nut AWWA 6" 300PSI	3060255	Yes (pdf)
17-70003300-6"-08	-	Sliding disc AWWA 6" 300PSI	3060255	Yes (pdf)
17-70003300-8"-03	-	Stem nut AWWA 8" 300PSI	3060255	Yes (pdf)
17-80003300-3"-02	-	Wedge AWWA 3" 300PSI	3060255	Yes (pdf)
17-80003300-4"-02	-	Wedge AWWA 4" 300PSI	3060255	Yes (pdf)
17-80003300-4"-07	-	Sealing ring AWWA 4" 300PSI	3060255	Yes (pdf)
17-80003300-6"-02	-	Wedge AWWA 6" 300PSI	3060255	Yes (pdf)
17-80003300-6"-07	-	Sealing ring AWWA 6" 300PSI	3060255	Yes (pdf)
17-80003300-8"-07	-	Sealing ring AWWA 8" 300PSI	3060255	Yes (pdf)
17G-20003362-10"(273)-01	-	Body AWWA 10"-273 362PSI	3060255	Yes (pdf)
17G-20003362-12"(323.9)-01	-	Body AWWA 12"-323.9 362PSI	3060255	Yes (pdf)
17G-20003362-2"(60)-01	-	Body AWWA 2"-60 362PSI	3060255	Yes (pdf)
17G-20003362-2.5"(73)-01	-	Body AWWA 2.5"-73 362PSI	3060255	Yes (pdf)
17G-20003362-3"(88.9)-01	-	Body AWWA 3"-88.9 362PSI	3060255	Yes (pdf)
17G-20003362-4"(114)-01	-	Body AWWA 4"-114 362PSI	3060255	Yes (pdf)
17G-20003362-5"(141)-01	-	Body AWWA 5"-141 362PSI	3060255	Yes (pdf)

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17G-20003362-6"(168)-01	-	Body AWWA 6"-168 362PSI	3060255	Yes (pdf)
17G-20003362-8"(219)-01	-	Body AWWA 8"-219 362PSI	3060255	Yes (pdf)
18-20003300-10"-00	-	Assembly AWWA 10" 300PSI	3060255	Yes (pdf)
18-20003300-10"-06	-	Bonnet AWWA 10" 300PSI	3060255	Yes (pdf)
18-20003300-10"-10	-	Gland AWWA 10" 300PSI	3060255	Yes (pdf)
18-20003300-10"-21	-	Handwheel AWWA OD406	3060255	Yes (pdf)
18-20003300-12"-00	-	Assembly AWWA 12" 300PSI	3060255	Yes (pdf)
18-20003300-12"-06	-	Bonnet AWWA 12" 300PSI	3060255	Yes (pdf)
18-20003300-2"-00	-	Assembly AWWA 2" 300PSI	3060255	Yes (pdf)
18-20003300-2.5"-00	-	Assembly AWWA 2.5" 300PSI	3060255	Yes (pdf)
18-20003300-2.5"-06	-	Bonnet AWWA 2.5" 300PSI	3060255	Yes (pdf)
18-20003300-2.5"-10	-	Gland AWWA 2.5" 300PSI	3060255	Yes (pdf)
18-20003300-2.5"-21	-	Handwheel AWWA OD178	3060255	Yes (pdf)
18-20003300-3"-00	-	Assembly AWWA 3" 300PSI	3060255	Yes (pdf)
18-20003300-3"-06	-	Bonnet AWWA 3" 300PSI	3060255	Yes (pdf)
18-20003300-3"-10	-	Gland AWWA 3" 300PSI	3060255	Yes (pdf)
18-20003300-3"-21	-	Handwheel AWWA OD178	3060255	Yes (pdf)
18-20003300-4"-00	-	Assembly AWWA 4" 300PSI	3060255	Yes (pdf)
18-20003300-4"-06	-	Bonnet AWWA 4" 300PSI	3060255	Yes (pdf)
18-20003300-4"-10	-	Gland AWWA 4" 300PSI	3060255	Yes (pdf)
18-20003300-4"-21	-	Handwheel AWWA OD254	3060255	Yes (pdf)
18-20003300-5"-00	-	Assembly AWWA 5" 300PSI	3060255	Yes (pdf)
18-20003300-5"-06	-	Bonnet AWWA 5" 300PSI	3060255	Yes (pdf)
18-20003300-6"-00	-	Assembly AWWA 6" 300PSI	3060255	Yes (pdf)
18-20003300-6"-06	-	Bonnet AWWA 6" 300PSI	3060255	Yes (pdf)
18-20003300-6"-10	-	Gland AWWA 6" 300PSI	3060255	Yes (pdf)
18-20003300-6"-21	-	Handwheel AWWA OD305	3060255	Yes (pdf)
18-20003300-8"-00	-	Assembly AWWA 8" 300PSI	3060255	Yes (pdf)
18-20003300-8"-06	-	Bonnet AWWA 8" 300PSI	3060255	Yes (pdf)
18-20003300-8"-10	-	Gland AWWA 8" 300PSI	3060255	Yes (pdf)
18-20003300-8"-21	-	Handwheel AWWA OD356	3060255	Yes (pdf)
18-60003300-10"-04	-	Stem AWWA 10" 300PSI	3060255	Yes (pdf)
18-60003300-12"-04	-	Stem AWWA 12" 300PSI	3060255	Yes (pdf)
18-60003300-2.5"-04	-	Stem AWWA 2.5" 300PSI	3060255	Yes (pdf)
18-60003300-3"-04	-	Stem AWWA 3" 300PSI	3060255	Yes (pdf)
18-60003300-4"-04	-	Stem AWWA 4" 300PSI	3060255	Yes (pdf)
18-60003300-5"-04	-	Stem AWWA 5" 300PSI	3060255	Yes (pdf)
18-60003300-6"-04	-	Stem AWWA 6" 300PSI	3060255	Yes (pdf)
18-60003300-8"-04	-	Stem AWWA 8" 300PSI	3060255	Yes (pdf)
18-70003300-10"-03	-	Stem Nut AWWA 10" 300PSI	3060255	Yes (pdf)
18-70003300-10"-07	-	Handwheel Nut AWWA 10" 300PSI	3060255	Yes (pdf)
18-70003300-10"-08	-	Upside Sliding disc AWWA 10" 300PSI	3060255	Yes (pdf)
18-70003300-10"-09	-	Underside Sliding disc AWWA 10" 300PSI	3060255	Yes (pdf)
18-70003300-2.5"-03	-	Stem Nut AWWA 2.5" 300PSI	3060255	Yes (pdf)
18-70003300-2.5"-07	-	Handwheel Nut AWWA 2.5" 300PSI	3060255	Yes (pdf)
18-70003300-2.5"-08	-	Upside Sliding disc AWWA 2.5" 300PSI	3060255	Yes (pdf)
18-70003300-2.5"-09	-	Underside Sliding disc AWWA 2.5" 300PSI	3060255	Yes (pdf)
18-70003300-3"-03	-	Stem Nut AWWA 3" 300PSI	3060255	Yes (pdf)
18-70003300-3"-07	-	Handwheel Nut AWWA 3" 300PSI	3060255	Yes (pdf)
18-70003300-3"-08	-	Upside Sliding disc AWWA 3" 300PSI	3060255	Yes (pdf)
18-70003300-3"-09	-	Underside Sliding disc AWWA 3" 300PSI	3060255	Yes (pdf)
18-70003300-4"-03	-	Stem Nut AWWA 4" 300PSI	3060255	Yes (pdf)

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18-70003300-4"-07	-	Handwheel Nut AWWA 4" 300PSI	3060255	Yes (pdf)
18-70003300-4"-08	-	Upside Sliding disc AWWA 4" 300PSI	3060255	Yes (pdf)
18-70003300-4"-09	-	Underside Sliding disc AWWA AWWA 4" 300PSI	3060255	Yes (pdf)
18-70003300-6"-03	-	Stem Nut AWWA 6" 300PSI	3060255	Yes (pdf)
18-70003300-6"-07	-	Handwheel Nut AWWA 6" 300PSI	3060255	Yes (pdf)
18-80003300-10"-07	-	Sealing ring AWWA 10" 300PSI	3060255	Yes (pdf)
18-80003300-2.5"-07	-	Sealing ring AWWA 2.5" 300PSI	3060255	Yes (pdf)
18-80003300-3"-07	-	Sealing ring AWWA 3" 300PSI	3060255	Yes (pdf)
18-80003300-4"-07	-	Sealing ring AWWA 4" 300PSI	3060255	Yes (pdf)
18-80003300-6"-07	-	Sealing ring AWWA 6" 300PSI	3060255	Yes (pdf)
18-80003300-8"-07	-	Sealing ring AWWA 8" 300PSI	3060255	Yes (pdf)
18G-20003362-10"(273)-00	-	Assembly AWWA 10"-273 362PSI	3060255	Yes (pdf)
18G-20003362-12"(323.9)-00	-	Assembly AWWA 12"-323.9 362PSI	3060255	Yes (pdf)
18G-20003362-2"(60)-00	-	Assembly AWWA 2"-60 362PSI	3060255	Yes (pdf)
18G-20003362-2.5"(73)-00	-	Assembly AWWA 2.5"-73 362PSI	3060255	Yes (pdf)
18G-20003362-3"(88.9)-00	-	Assembly AWWA 3"-88.9 362PSI	3060255	Yes (pdf)
18G-20003362-4"(114)-00	-	Assembly AWWA 4"-114 362PSI	3060255	Yes (pdf)
18G-20003362-5"(141)-00	-	Assembly AWWA 5"-141 362PSI	3060255	Yes (pdf)
18G-20003362-6"(168)-00	-	Assembly AWWA 6"-168 362PSI	3060255	Yes (pdf)
18G-20003362-8"(219)-00	-	Assembly AWWA 8"-219 362PSI	3060255	Yes (pdf)

Blueprint Report

Shandong Lede Machinery Co Ltd (113572)

Class No 1120**Original Project I.D. 3051487**

<u>Drawing No.</u>	<u>Revision Level</u>	<u>Drawing Title</u>	<u>Last Report</u>	<u>Electronic Drawing</u>
11-2000025-100-150-22	-	Wrench Nut DN100-DN150	3051487	Yes (pdf)
11-2000025-100-23	-	Indicator Post Flange	3051487	Yes (pdf)
11-2000025-125-150-23	-	Indicator Post Flange	3051487	Yes (pdf)
11-2000025-200-22	-	Wrench Nut DN200	3051487	Yes (pdf)
11-2000025-200-23	-	Indicator Post Flange	3051487	Yes (pdf)
11-2000025-250-23	-	Indicator Post Flange	3051487	Yes (pdf)
11-2000025-250-300-22	-	Wrench Nut DN250-DN300	3051487	Yes (pdf)
11-2000025-300-23	-	Indicator Post Flange	3051487	Yes (pdf)
11-2000025-50-80-22	-	Wrench Nut DN50-DN80	3051487	Yes (pdf)
11-20003150-100-00I	-	Assembly DN100	3051487	Yes (pdf)
11-20003150-100-00	-	Assembly DN100	3051487	Yes (pdf)
11-20003150-100-01	-	Body AWWA DN100 Class150	3051487	Yes (pdf)
11-20003150-100-300-00IM	-	Z45X-04-175 Marking	3051487	Yes (pdf)
11-20003150-125-00I	-	Assembly DN125	3051487	Yes (pdf)
11-20003150-125-00	-	Assembly DN125	3051487	Yes (pdf)
11-20003150-125-01	-	Body AWWA DN125 Class150	3051487	Yes (pdf)
11-20003150-150-00I	-	Assembly DN150	3051487	Yes (pdf)
11-20003150-150-00	-	Assembly DN150	3051487	Yes (pdf)
11-20003150-150-01	-	Body AWWA DN150 Class150	3051487	Yes (pdf)
11-20003150-200-00I	-	Assembly DN200	3051487	Yes (pdf)
11-20003150-200-00	-	Assembly DN200	3051487	Yes (pdf)
11-20003150-200-01	-	Body AWWA DN200 Class150	3051487	Yes (pdf)
11-20003150-250-00I	-	Assembly DN250	3051487	Yes (pdf)
11-20003150-250-00	-	Assembly DN250	3051487	Yes (pdf)
11-20003150-250-01	-	Body AWWA DN250 Class150	3051487	Yes (pdf)
11-20003150-300-00I	-	Assembly DN300	3051487	Yes (pdf)
11-20003150-300-00	-	Assembly DN300	3051487	Yes (pdf)
11-20003150-300-01	-	Body AWWA DN300 Class150	3051487	Yes (pdf)
11-20003150-50-00	-	Assembly DN50	3051487	Yes (pdf)
11-20003150-50-01	-	Body DN50 Class150	3051487	Yes (pdf)
11-20003150-50-300-00M	-	Z45X-03-175 Marking	3051487	Yes (pdf)
11-20003150-65-00	-	Assembly DN65	3051487	Yes (pdf)
11-20003150-65-01	-	Body AWWA DN65 Class150	3051487	Yes (pdf)
11-20003150-80-00	-	Assembly DN80	3051487	Yes (pdf)
11-20003150-80-01	-	Body AWWA DN80 Class150	3051487	Yes (pdf)
11-2000316-100-00	-	Assembly DN100	3051487	Yes (pdf)
11-2000316-100-01	-	Body DN100	3051487	Yes (pdf)
11-2000316-125-00	-	Assembly DN125	3051487	Yes (pdf)
11-2000316-125-01	-	Body DN125	3051487	Yes (pdf)
11-2000316-150-00	-	Assembly DN150	3051487	Yes (pdf)
11-2000316-150-01	-	Body DN150	3051487	Yes (pdf)
11-2000316-200-00	-	Assembly DN200	3051487	Yes (pdf)
11-2000316-200-01	-	Body DN200	3051487	Yes (pdf)
11-2000316-250-00	-	Assembly DN250	3051487	Yes (pdf)

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11-2000316-250-01	-	Body DN250	3051487	Yes (pdf)
11-2000316-300-00	-	Assembly DN300	3051487	Yes (pdf)
11-2000316-300-01	-	Body DN300	3051487	Yes (pdf)
11-2000316-50-00	-	Assembly DN50	3051487	Yes (pdf)
11-2000316-50-01	-	Body DN50	3051487	Yes (pdf)
11-2000316-50-300-00M	-	Z45X-02-1.6 Marking	3051487	Yes (pdf)
11-2000316-65-00	-	Assembly DN65	3051487	Yes (pdf)
11-2000316-65-01	-	Body DN65	3051487	Yes (pdf)
11-2000316-80-00	-	Assembly DN80	3051487	Yes (pdf)
11-2000316-80-01	-	Body DN80	3051487	Yes (pdf)
11-20003300-100-00I	-	Assembly DN100	3051487	Yes (pdf)
11-20003300-100-00	-	Assembly DN100	3051487	Yes (pdf)
11-20003300-100-01	-	Body AWWA DN100 Class300	3051487	Yes (pdf)
11-20003300-100-300-00IM	-	Z45X-04-300 Marking	3051487	Yes (pdf)
11-20003300-125-00I	-	Assembly DN125	3051487	Yes (pdf)
11-20003300-125-00	-	Assembly DN125	3051487	Yes (pdf)
11-20003300-125-01	-	Body AWWA DN125 Class300	3051487	Yes (pdf)
11-20003300-150-00I	-	Assembly DN150	3051487	Yes (pdf)
11-20003300-150-00	-	Assembly DN150	3051487	Yes (pdf)
11-20003300-150-01	-	Body AWWA DN150 Class300	3051487	Yes (pdf)
11-20003300-200-00I	-	Assembly DN200	3051487	Yes (pdf)
11-20003300-200-00	-	Assembly DN200	3051487	Yes (pdf)
11-20003300-200-01	-	Body AWWA DN200 Class300	3051487	Yes (pdf)
11-20003300-250-00I	-	Assembly DN250	3051487	Yes (pdf)
11-20003300-250-00	-	Assembly DN250	3051487	Yes (pdf)
11-20003300-250-01	-	Body AWWA DN250 Class300	3051487	Yes (pdf)
11-20003300-300-00I	-	Assembly DN300	3051487	Yes (pdf)
11-20003300-300-00	-	Assembly DN300	3051487	Yes (pdf)
11-20003300-300-01	-	Body AWWA DN300 Class300	3051487	Yes (pdf)
11-20003300-50-00	-	Assembly DN50	3051487	Yes (pdf)
11-20003300-50-01	-	Body DN50 Class300	3051487	Yes (pdf)
11-20003300-50-300-00M	-	Z45X-03-300 Marking	3051487	Yes (pdf)
11-20003300-65-00	-	Assembly DN65	3051487	Yes (pdf)
11-20003300-65-01	-	Body AWWA DN65 Class300	3051487	Yes (pdf)
11-20003300-80-00	-	Assembly DN80	3051487	Yes (pdf)
11-20003300-80-01	-	Body AWWA DN80 Class300	3051487	Yes (pdf)
11-2001416-100-00	-	Assembly DN100	3051487	Yes (pdf)
11-2001416-100-01	-	Body DN100	3051487	Yes (pdf)
11-2001416-100-02.1	-	Wedge casting DN100	3051487	Yes (pdf)
11-2001416-100-06I	-	Bonnet DN100	3051487	Yes (pdf)
11-2001416-100-06	-	Bonnet DN100	3051487	Yes (pdf)
11-2001416-100-09	-	Upper cover DN100	3051487	Yes (pdf)
11-2001416-125-00	-	Assembly DN125	3051487	Yes (pdf)
11-2001416-125-01	-	Body DN125	3051487	Yes (pdf)
11-2001416-125-02.1	-	Wedge casting DN125	3051487	Yes (pdf)
11-2001416-125-06	-	Bonnet DN125	3051487	Yes (pdf)
11-2001416-150-00	-	Assembly DN150	3051487	Yes (pdf)
11-2001416-150-01	-	Body DN150	3051487	Yes (pdf)
11-2001416-150-02.1	-	Wedge casting DN150	3051487	Yes (pdf)
11-2001416-150-06	-	Bonnet DN150	3051487	Yes (pdf)
11-2001416-150-09	-	Upper cover DN150	3051487	Yes (pdf)
11-2001416-200-00	-	Assembly DN200	3051487	Yes (pdf)

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11-2001416-200-01	-	Body DN200	3051487	Yes (pdf)
11-2001416-200-02.1	-	Wedge casting DN200	3051487	Yes (pdf)
11-2001416-200-06	-	Bonnet DN200	3051487	Yes (pdf)
11-2001416-200-09	-	Upper cover DN200	3051487	Yes (pdf)
11-2001416-250-00	-	Assembly DN250	3051487	Yes (pdf)
11-2001416-250-01	-	Body DN250	3051487	Yes (pdf)
11-2001416-250-02.1	-	Wedge casting DN250	3051487	Yes (pdf)
11-2001416-250-06	-	Bonnet DN250	3051487	Yes (pdf)
11-2001416-250-09	-	Upper cover DN250	3051487	Yes (pdf)
11-2001416-300-00	-	Assembly DN300	3051487	Yes (pdf)
11-2001416-300-01	-	Body DN300	3051487	Yes (pdf)
11-2001416-300-02.1	-	Wedge casting DN300	3051487	Yes (pdf)
11-2001416-300-06	-	Bonnet DN300	3051487	Yes (pdf)
11-2001416-300-09	-	Upper cover DN300	3051487	Yes (pdf)
11-2001416-50-00	-	Assembly DN50	3051487	Yes (pdf)
11-2001416-50-02.1	-	Wedge casting DN50	3051487	Yes (pdf)
11-2001416-50-300-00M	-	Z45X-01-1.6 Marking	3051487	Yes (pdf)
11-2001416-65-00	-	Assembly DN65	3051487	Yes (pdf)
11-2001416-65-01	-	Body DN65	3051487	Yes (pdf)
11-2001416-65-02.1	-	Wedge casting DN65	3051487	Yes (pdf)
11-2001416-65-06	-	Bonnet DN65	3051487	Yes (pdf)
11-2001416-80-00	-	Assembly DN80	3051487	Yes (pdf)
11-2001416-80-02.1	-	Wedge casting DN80	3051487	Yes (pdf)
11-2001416-80-06	-	Bonnet DN80	3051487	Yes (pdf)
11-2001416-80-09	-	Upper cover DN80	3051487	Yes (pdf)
11-2001425-100-00	-	Assembly DN100	3051487	Yes (pdf)
11-2001425-100-01	-	Body DN100	3051487	Yes (pdf)
11-2001425-125-00	-	Assembly DN125	3051487	Yes (pdf)
11-2001425-125-01	-	Body DN125	3051487	Yes (pdf)
11-2001425-150-00	-	Assembly DN150	3051487	Yes (pdf)
11-2001425-150-01	-	Body DN150	3051487	Yes (pdf)
11-2001425-200-00	-	Assembly DN200	3051487	Yes (pdf)
11-2001425-200-01	-	Body DN200	3051487	Yes (pdf)
11-2001425-250-00	-	Assembly DN250	3051487	Yes (pdf)
11-2001425-250-01	-	Body DN250	3051487	Yes (pdf)
11-2001425-300-00	-	Assembly DN300	3051487	Yes (pdf)
11-2001425-300-01	-	Body DN300	3051487	Yes (pdf)
11-2001425-50-00	-	Assembly DN50	3051487	Yes (pdf)
11-2001425-50-01	-	Body DN50	3051487	Yes (pdf)
11-2001425-50-300-00M	-	Z45X-01-2.5 Marking	3051487	Yes (pdf)
11-2001425-65-00	-	Assembly DN65	3051487	Yes (pdf)
11-2001425-65-01	-	Body DN65	3051487	Yes (pdf)
11-2001425-80-00	-	Assembly DN80	3051487	Yes (pdf)
11-2001425-80-01	-	Body DN80	3051487	Yes (pdf)
11-2001925-100-00	-	Assembly DN100	3051487	Yes (pdf)
11-2001925-100-01	-	Body DN100	3051487	Yes (pdf)
11-2001925-125-00	-	Assembly DN125	3051487	Yes (pdf)
11-2001925-125-01	-	Body DN125	3051487	Yes (pdf)
11-2001925-150-00	-	Assembly DN150	3051487	Yes (pdf)
11-2001925-150-01	-	Body DN150	3051487	Yes (pdf)
11-2001925-200-00	-	Assembly DN200	3051487	Yes (pdf)
11-2001925-200-01	-	Body DN200	3051487	Yes (pdf)

FM APPROVALS PROJECT NO: PR454628

11-2001925-250-00	-	Assembly DN250	3051487	Yes (pdf)
11-2001925-250-01	-	Body DN250	3051487	Yes (pdf)
11-2001925-300-00	-	Assembly DN300	3051487	Yes (pdf)
11-2001925-300-01	-	Body DN300	3051487	Yes (pdf)
11-2001925-50-00 Assembly DN50	-	Assembly DN50	3051487	Yes (pdf)
11-2001925-50-01 Body DN50	-	Wedge casting DN50	3051487	Yes (pdf)
11-2001925-50-300-00M	-	Z45X-02-2.5 Marking	3051487	Yes (pdf)
11-2001925-65-00 Assembly DN65	-	Assembly DN65	3051487	Yes (pdf)
11-2001925-65-01 Body DN65	-	Body DN65	3051487	Yes (pdf)
11-2001925-80-00 Assembly DN80	-	Assembly DN80	3051487	Yes (pdf)
11-2001925-80-01 Body DN80	-	Body DN80	3051487	Yes (pdf)
11-6001416-100-04	-	Stem DN100	3051487	Yes (pdf)
11-6001416-125-04	-	Stem DN125	3051487	Yes (pdf)
11-6001416-150-04	-	Stem DN150	3051487	Yes (pdf)
11-6001416-200-04	-	Stem DN200	3051487	Yes (pdf)
11-6001416-250-04	-	Stem DN250	3051487	Yes (pdf)
11-6001416-300-04	-	Stem DN300	3051487	Yes (pdf)
11-6001416-65-04	-	Stem DN65	3051487	Yes (pdf)
11-6001416-80-04	-	Stem DN80	3051487	Yes (pdf)
11-7001416-100-03	-	Stem nut DN100	3051487	Yes (pdf)
11-7001416-100-08	-	Sliding disc DN100	3051487	Yes (pdf)
11-7001416-150-03	-	Stem nut DN150	3051487	Yes (pdf)
11-7001416-150-08	-	Sliding disc DN150	3051487	Yes (pdf)
11-7001416-200-03	-	Stem nut DN200	3051487	Yes (pdf)
11-7001416-200-08	-	Sliding disc DN200	3051487	Yes (pdf)
11-7001416-250-03	-	Stem nut DN250	3051487	Yes (pdf)
11-7001416-250-08	-	Sliding disc DN250	3051487	Yes (pdf)
11-7001416-300-03	-	Stem nut DN300	3051487	Yes (pdf)
11-7001416-300-08	-	Sliding disc DN300	3051487	Yes (pdf)
11-7001416-80-03	-	Stem nut DN80	3051487	Yes (pdf)
11-7001416-80-08	-	Sliding disc DN80	3051487	Yes (pdf)
11-8001416-100-02	-	Wedge DN100	3051487	Yes (pdf)
11-8001416-100-05	-	Protector DN100	3051487	Yes (pdf)
11-8001416-100-07	-	Sealing ring DN100	3051487	Yes (pdf)
11-8001416-100-10	-	Bonnet gasket DN100	3051487	Yes (pdf)
11-8001416-125-02	-	Wedge DN125	3051487	Yes (pdf)
11-8001416-125-05	-	Protector DN125	3051487	Yes (pdf)
11-8001416-125-10	-	Bonnet gasket DN125	3051487	Yes (pdf)
11-8001416-150-02	-	Wedge DN150	3051487	Yes (pdf)
11-8001416-150-05	-	Protector DN150	3051487	Yes (pdf)
11-8001416-150-07	-	Sealing ring DN150	3051487	Yes (pdf)
11-8001416-150-10	-	Bonnet gasket DN150	3051487	Yes (pdf)
11-8001416-200-02	-	Wedge DN200	3051487	Yes (pdf)
11-8001416-200-05	-	Protector DN200	3051487	Yes (pdf)
11-8001416-200-07	-	sealing ring DN200	3051487	Yes (pdf)
11-8001416-200-10	-	Bonnet gasket DN200	3051487	Yes (pdf)
11-8001416-250-02	-	Wedge DN250	3051487	Yes (pdf)
11-8001416-250-05	-	Protector DN250	3051487	Yes (pdf)
11-8001416-250-07	-	Sealing ring DN250	3051487	Yes (pdf)
11-8001416-250-10	-	Bonnet gasket DN250	3051487	Yes (pdf)
11-8001416-300-02	-	Wedge DN300	3051487	Yes (pdf)
11-8001416-300-05	-	Protector DN300	3051487	Yes (pdf)

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11-8001416-300-07	-	Sealing ring DN300	3051487	Yes (pdf)
11-8001416-300-10	-	Bonnet gasket DN300	3051487	Yes (pdf)
11-8001416-50-02	-	Wedge DN50	3051487	Yes (pdf)
11-8001416-65-02	-	Wedge DN65	3051487	Yes (pdf)
11-8001416-65-05	-	Protector DN65	3051487	Yes (pdf)
11-8001416-65-10	-	Bonnet gasket DN65	3051487	Yes (pdf)
11-8001416-80-02	-	Wedge DN80	3051487	Yes (pdf)
11-8001416-80-05	-	Protector DN80	3051487	Yes (pdf)
11-8001416-80-07	-	Sealing ring DN80	3051487	Yes (pdf)
11-8001416-80-10	-	Bonnet gasket DN80	3051487	Yes (pdf)
11G-2000325-100(114)-00	-	Assembly DN100-114	3051487	Yes (pdf)
11G-2000325-100(114)-01	-	Body DN100-114	3051487	Yes (pdf)
11G-2000325-125(140)-00	-	Assembly DN125-140	3051487	Yes (pdf)
11G-2000325-125(140)-01	-	Body DN125-140	3051487	Yes (pdf)
11G-2000325-125(141)-00	-	Assembly DN125-141	3051487	Yes (pdf)
11G-2000325-125(141)-01	-	Body DN125-141	3051487	Yes (pdf)
11G-2000325-150(165)-00	-	Assembly DN150-165	3051487	Yes (pdf)
11G-2000325-150(165)-01	-	Body DN150-165	3051487	Yes (pdf)
11G-2000325-150(168)-00	-	Assembly DN150-168	3051487	Yes (pdf)
11G-2000325-150(168)-01	-	Body DN150-168	3051487	Yes (pdf)
11G-2000325-200-00	-	Assembly DN200	3051487	Yes (pdf)
11G-2000325-200-01	-	Body DN200	3051487	Yes (pdf)
11G-2000325-50(60)-00	-	Assembly DN50-60	3051487	Yes (pdf)
11G-2000325-50(60)-01	-	Body DN50-60	3051487	Yes (pdf)
11G-2000325-50-300-00M	-	Z85X-2.5 Marking	3051487	Yes (pdf)
11G-2000325-65(73)-00	-	Assembly DN65-73	3051487	Yes (pdf)
11G-2000325-65(73)-01	-	Body DN65-73	3051487	Yes (pdf)
11G-2000325-65(76)-00	-	Assembly DN65-76	3051487	Yes (pdf)
11G-2000325-65(76)-01	-	body DN65-76	3051487	Yes (pdf)
11G-2000325-80-00	-	Assembly DN80	3051487	Yes (pdf)
11G-2000325-80-01	-	Body DN80	3051487	Yes (pdf)
12-2000025-125-150-21	-	Handwheel OD300	3051487	Yes (pdf)
12-2000025-200-21	-	Handwheel OD330	3051487	Yes (pdf)
12-2000025-250-300-21	-	Handwheel OD406	3051487	Yes (pdf)
12-2000025-50-100-21	-	Handwheel OD203	3051487	Yes (pdf)
12-20003150-100-00	-	Assembly DN100	3051487	Yes (pdf)
12-20003150-125-00	-	Assembly DN125	3051487	Yes (pdf)
12-20003150-150-00	-	Assembly DN150	3051487	Yes (pdf)
12-20003150-200-00	-	Assembly DN200	3051487	Yes (pdf)
12-20003150-250-00	-	Assembly DN250	3051487	Yes (pdf)
12-20003150-300-00	-	Assembly DN300	3051487	Yes (pdf)
12-20003150-50-00	-	Assembly DN50	3051487	Yes (pdf)
12-20003150-50-300-00M	-	Z41X-03-175 Marking	3051487	Yes (pdf)
12-20003150-65-00	-	Assembly DN65	3051487	Yes (pdf)
12-20003150-80-00	-	Assembly DN80	3051487	Yes (pdf)
12-2000316-100-00	-	Assembly DN100	3051487	Yes (pdf)
12-2000316-125-00	-	Assembly DN125	3051487	Yes (pdf)
12-2000316-150-00	-	Assembly DN150	3051487	Yes (pdf)
12-2000316-200-00	-	Assembly DN200	3051487	Yes (pdf)
12-2000316-250-00	-	Assembly DN250	3051487	Yes (pdf)
12-2000316-300-00	-	Assembly DN300	3051487	Yes (pdf)
12-2000316-50-00	-	Assembly DN50	3051487	Yes (pdf)

FM APPROVALS PROJECT NO: PR454628

12-2000316-50-300-00M	-	Z41X-02-1.6 Marking	3051487	Yes (pdf)
12-2000316-65-00	-	Assembly DN65	3051487	Yes (pdf)
12-2000316-80-00	-	Assembly DN80	3051487	Yes (pdf)
12-20003300-100-00	-	Assembly DN100	3051487	Yes (pdf)
12-20003300-125-00	-	Assembly DN125	3051487	Yes (pdf)
12-20003300-150-00	-	Assembly DN150	3051487	Yes (pdf)
12-20003300-200-00	-	Assembly DN200	3051487	Yes (pdf)
12-20003300-250-00	-	Assembly DN250	3051487	Yes (pdf)
12-20003300-300-00	-	Assembly DN300	3051487	Yes (pdf)
12-20003300-50-00	-	Assembly DN50	3051487	Yes (pdf)
12-20003300-50-300-00M	-	Z41X-03-300 Marking	3051487	Yes (pdf)
12-20003300-65-00	-	Assembly DN65	3051487	Yes (pdf)
12-20003300-80-00	-	Assembly DN80	3051487	Yes (pdf)
12-2001416-100-00	-	Assembly DN100	3051487	Yes (pdf)
12-2001416-100-06	-	Yoke DN100	3051487	Yes (pdf)
12-2001416-100-10	-	Gland DN100	3051487	Yes (pdf)
12-2001416-125-00	-	Assembly DN125	3051487	Yes (pdf)
12-2001416-125-06	-	Yoke DN125	3051487	Yes (pdf)
12-2001416-125-10	-	Gland DN125	3051487	Yes (pdf)
12-2001416-150-00	-	Assembly DN150	3051487	Yes (pdf)
12-2001416-200-00	-	Assembly DN200	3051487	Yes (pdf)
12-2001416-200-06	-	Yoke DN200	3051487	Yes (pdf)
12-2001416-200-10	-	Gland DN200	3051487	Yes (pdf)
12-2001416-250-00	-	Assembly DN250	3051487	Yes (pdf)
12-2001416-250-06	-	Yoke DN250	3051487	Yes (pdf)
12-2001416-250-10	-	Gland DN250	3051487	Yes (pdf)
12-2001416-300-00	-	Assembly DN300	3051487	Yes (pdf)
12-2001416-300-06	-	Yoke DN300	3051487	Yes (pdf)
12-2001416-300-10	-	Gland DN300	3051487	Yes (pdf)
12-2001416-50-00	-	Assembly DN50	3051487	Yes (pdf)
12-2001416-50-300-00M	-	Z41X-01-1.6 Marking	3051487	Yes (pdf)
12-2001416-65-00	-	Assembly DN65	3051487	Yes (pdf)
12-2001416-80-00	-	Assembly DN80	3051487	Yes (pdf)
12-2001416-80-06	-	Yoke DN80	3051487	Yes (pdf)
12-2001416-80-10	-	Gland DN80	3051487	Yes (pdf)
12-2001425-100-00	-	Assembly DN100	3051487	Yes (pdf)
12-2001425-125-00	-	Assembly DN125	3051487	Yes (pdf)
12-2001425-150-00	-	Assembly DN150	3051487	Yes (pdf)
12-2001425-200-00	-	Assembly DN200	3051487	Yes (pdf)
12-2001425-250-00	-	Assembly DN250	3051487	Yes (pdf)
12-2001425-300-00	-	Assembly DN300	3051487	Yes (pdf)
12-2001425-50-00	-	Assembly DN50	3051487	Yes (pdf)
12-2001425-50-300-00M	-	Z41X-01-2.5 Marking	3051487	Yes (pdf)
12-2001425-65-00	-	Assembly DN65	3051487	Yes (pdf)
12-2001425-80-00	-	Assembly DN80	3051487	Yes (pdf)
12-2001925-100-00	-	Assembly DN100	3051487	Yes (pdf)
12-2001925-125-00	-	Assembly DN125	3051487	Yes (pdf)
12-2001925-150-00	-	Assembly DN150	3051487	Yes (pdf)
12-2001925-200-00	-	Assembly DN200	3051487	Yes (pdf)
12-2001925-250-00	-	Assembly DN250	3051487	Yes (pdf)
12-2001925-300-00	-	Assembly DN300	3051487	Yes (pdf)
12-2001925-50-00	-	Assembly DN50	3051487	Yes (pdf)

FM APPROVALS PROJECT NO: PR454628

12-2001925-50-300-00M	-	Z41X-02-2.5 Marking	3051487	Yes (pdf)
12-2001925-65-00	-	Assembly DN65	3051487	Yes (pdf)
12-2001925-80-00	-	Assembly DN80	3051487	Yes (pdf)
12-4000025-100-05	-	Nut 55x2 DN100	3051487	Yes (pdf)
12-4000025-100-07	-	Compaction nut M34x1.5 DN100	3051487	Yes (pdf)
12-4000025-125-05	-	Nut M55x1.5 DN125	3051487	Yes (pdf)
12-4000025-200-05	-	Nut M60x2 DN200	3051487	Yes (pdf)
12-4000025-200-07	-	Compaction nut M40x1.5 DN200	3051487	Yes (pdf)
12-4000025-250-05	-	Nut M68x2 DN250	3051487	Yes (pdf)
12-4000025-250-07	-	Compaction nut M46x1.5 DN250	3051487	Yes (pdf)
12-6001416-100-04.1	-	Nut DN100	3051487	Yes (pdf)
12-6001416-100-04.2	-	Stem Shaft DN100	3051487	Yes (pdf)
12-6001416-100-04	-	Stem DN100	3051487	Yes (pdf)
12-6001416-125-04.2	-	Stem Shaft DN125	3051487	Yes (pdf)
12-6001416-125-04	-	Stem DN125	3051487	Yes (pdf)
12-6001416-125-150-04.1	-	Nut DN125-150	3051487	Yes (pdf)
12-6001416-150-04.2	-	Stem Shaft DN150	3051487	Yes (pdf)
12-6001416-150-04	-	Stem DN150	3051487	Yes (pdf)
12-6001416-200-04.1	-	Nut DN200	3051487	Yes (pdf)
12-6001416-200-04.2	-	Stem Shaft DN200	3051487	Yes (pdf)
12-6001416-200-04	-	Stem DN200	3051487	Yes (pdf)
12-6001416-250-04.1	-	Nut DN250	3051487	Yes (pdf)
12-6001416-250-04.2	-	Stem Shaft DN250	3051487	Yes (pdf)
12-6001416-250-04	-	Stem DN250	3051487	Yes (pdf)
12-6001416-300-04.1	-	Nut DN300	3051487	Yes (pdf)
12-6001416-300-04.2	-	Stem Shaft DN300	3051487	Yes (pdf)
12-6001416-300-04	-	Stem DN300	3051487	Yes (pdf)
12-6001416-50-04.2	-	Stem Shaft DN50	3051487	Yes (pdf)
12-6001416-50-04	-	Stem DN50	3051487	Yes (pdf)
12-6001416-50-80-04.1	-	Nut DN50-80	3051487	Yes (pdf)
12-6001416-65-04.2	-	Stem Shaft DN65	3051487	Yes (pdf)
12-6001416-65-04	-	Stem DN65	3051487	Yes (pdf)
12-6001416-80-04.2	-	Stem Shaft DN80	3051487	Yes (pdf)
12-6001416-80-04	-	Stem DN80	3051487	Yes (pdf)
12-7001416-100-03	-	Stem nut DN100	3051487	Yes (pdf)
12-7001416-100-08	-	Upside sliding disc DN100	3051487	Yes (pdf)
12-7001416-100-09	-	Underside sliding disc DN100	3051487	Yes (pdf)
12-7001416-125-03	-	Stem nut DN125	3051487	Yes (pdf)
12-7001416-125-08	-	Upside sliding disc DN125	3051487	Yes (pdf)
12-7001416-125-09	-	Underside sliding disc DN125	3051487	Yes (pdf)
12-7001416-200-03	-	Stem nut DN200	3051487	Yes (pdf)
12-7001416-200-08	-	Upside sliding disc DN200	3051487	Yes (pdf)
12-7001416-200-09	-	Underside sliding disc DN200	3051487	Yes (pdf)
12-7001416-250-03	-	Stem nut DN250	3051487	Yes (pdf)
12-7001416-250-08	-	Upside sliding disc DN250	3051487	Yes (pdf)
12-7001416-250-09	-	Underside sliding disc DN250	3051487	Yes (pdf)
12-7001416-300-03	-	Stem nut DN300	3051487	Yes (pdf)
12-7001416-80-03	-	Stem nut DN80	3051487	Yes (pdf)
12G-2000325-100(114)-00	-	Assembly DN100-114	3051487	Yes (pdf)
12G-2000325-125(140)-00	-	Assembly DN125-140	3051487	Yes (pdf)
12G-2000325-125(141)-00	-	Assembly DN125-141	3051487	Yes (pdf)
12G-2000325-150(165)-00	-	Assembly DN150-165	3051487	Yes (pdf)

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12G-2000325-150(168)-00	-	Assembly DN150-168	3051487	Yes (pdf)
12G-2000325-200-00	-	Assembly DN200	3051487	Yes (pdf)
12G-2000325-50(60)-00	-	Assembly DN50-60	3051487	Yes (pdf)
12G-2000325-50-300-00M	-	Z81X-2.5 Marking	3051487	Yes (pdf)
12G-2000325-65(73)-00	-	Assembly DN65-73	3051487	Yes (pdf)
12G-2000325-65(76)-00	-	Assembly DN65-76	3051487	Yes (pdf)
12G-2000325-80-00	-	Assembly DN80	3051487	Yes (pdf)
FM Gate Valve 1101 ONTOR Mark	-	FM Gate Valve 1101 ONTOR Mark	3060201	Yes (pdf)
FM Gate Valve 1102 ONTOR Mark	-	FM Gate Valve 1102 ONTOR Mark	3060201	Yes (pdf)
FM Gate Valve 1105 ONTOR Mark	-	FM Gate Valve 1105 ONTOR Mark	3060201	Yes (pdf)
FM Gate Valve 1106 ONTOR Mark	-	FM Gate Valve 1106 ONTOR Mark	3060201	Yes (pdf)
FM Gate Valve 1107 ONTOR Mark	-	FM Gate Valve 1107 ONTOR Mark	3060201	Yes (pdf)
FM Gate Valve 1201 ONTOR Mark	-	FM Gate Valve 1201 ONTOR Mark	3060201	Yes (pdf)
FM Gate Valve 1202 ONTOR Mark	-	FM Gate Valve 1202 ONTOR Mark	3060201	Yes (pdf)
FM Gate Valve 1205 ONTOR Mark	-	FM Gate Valve 1205 ONTOR Mark	3060201	Yes (pdf)
FM Gate Valve 1206 ONTOR Mark	-	FM Gate Valve 1206 ONTOR Mark	3060201	Yes (pdf)
FM Gate Valve 1207 ONTOR Mark	-	FM Gate Valve 1207 ONTOR Mark	3060201	Yes (pdf)

Listing Sheet for Model H84X, H44X and H44X-01

☐ Automatic Sprinkler Systems
 ☐ Valves
 ☐ Check Valves
 ☐ Single Check Valves

Models H84X, H44X and H44X-01

<i>Product Designation</i>	<i>Description</i>	<i>Nominal Pipe Size, in.</i>	<i>Max Working Pressure, psi (kPa)</i>	<i>Remarks</i>
Model H84X	Swing Check Valve, Grooved Ends	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12 76.1, 139.7 and 165.1 mm	365 (2515)	a, b
Model H44X	Swing Check Valve, Flanged Ends	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12	300 (2070)	a, b
Model H44X-01	Swing Check Valve, Flanged Ends	2, 2-1/2, 3, 4, 5, 6, 8, 10, 12	300 (2070)	a, b

- a. For use in horizontal and vertical installations.
- b. Resilient seat.

CDL Control Drawing Blueprint Report

Blueprint Report**Shandong Lede Machinery Co Ltd (113572)****Class No 1210****Original Project I.D. 3057546**

<u>Drawing No.</u>	<u>Revision Level</u>	<u>Drawing Title</u>	<u>Last Report</u>	<u>Electronic Drawing</u>
31-20000300-100 -05	-	Disc DN100 300PSI	3057546	No
31-20000300-100 -08	-	Clapper Arm DN100 300PSI	3057546	No
31-20000300-100 -17	-	Bonnet DN100 300PSI	3057546	No
31-20000300-100-00	-	Assembly DN100 300PSI	3057546	No
31-20000300-100-01	-	Body DN100 300PSI	3057546	No
31-20000300-125 -05	-	Disc DN125 300PSI	3057546	No
31-20000300-125 -08	-	Clapper Arm DN125 300PSI	3057546	No
31-20000300-125 -17	-	Bonnet DN125 300PSI	3057546	No
31-20000300-125-00	-	Assembly DN125 300PSI	3057546	No
31-20000300-125-01	-	Body DN125 300PSI	3057546	No
31-20000300-150 -05	-	Disc DN150 300PSI	3057546	No
31-20000300-150 -08	-	Clapper Arm DN150 300PSI	3057546	No
31-20000300-150 -17	-	Bonnet DN150 300PSI	3057546	No
31-20000300-150-00	-	Assembly DN150 300PSI	3057546	No
31-20000300-150-01	-	Body DN150 300PSI	3057546	No
31-20000300-200 -05	-	Disc DN200 300PSI	3057546	No
31-20000300-200 -08	-	Clapper Arm DN200 300PSI	3057546	No
31-20000300-200 -17	-	Bonnet DN200 300PSI	3057546	No
31-20000300-200-00	-	Assembly DN200 300PSI	3057546	No
31-20000300-200-01	-	Body DN200 300PSI	3057546	No
31-20000300-250 -05	-	Disc DN250 300PSI	3057546	No
31-20000300-250 -08	-	Clapper Arm DN250 300PSI	3057546	No
31-20000300-250 -17	-	Bonnet DN250 300PSI	3057546	No
31-20000300-250-00	-	Assembly DN250 300PSI	3057546	No
31-20000300-250-01	-	Body DN250 300PSI	3057546	No
31-20000300-300 -05	-	Disc DN300 300PSI	3057546	No
31-20000300-300 -08	-	Clapper Arm DN300 300PSI	3057546	No
31-20000300-300 -17	-	Bonnet DN300 300PSI	3057546	No
31-20000300-300-00	-	Assembly DN300 300PSI	3057546	No
31-20000300-300-01	-	Body DN300 300PSI	3057546	No
31-20000300-50 -05	-	Disc DN50 300PSI	3057546	No
31-20000300-50 -08	-	Clapper Arm DN50 300PSI	3057546	No
31-20000300-50 -17	-	Bonnet DN50 300PSI	3057546	No
31-20000300-50-00	-	Assembly DN50 300PSI	3057546	No
31-20000300-50-01	-	Body DN50 300PSI	3057546	No
31-20000300-65 -05	-	Disc DN65 300PSI	3057546	No
31-20000300-65 -08	-	Clapper Arm DN65 300PSI	3057546	No
31-20000300-65 -17	-	Bonnet DN65 300PSI	3057546	No
31-20000300-65-00	-	Assembly DN65 300PSI	3057546	No
31-20000300-65-01	-	Body DN65 300PSI	3057546	No
31-20000300-80 -05	-	Disc DN80 300PSI	3057546	No
31-20000300-80 -08	-	Clapper Arm DN80 300PSI	3057546	No

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31-20000300-80 -17	-	Bonnet DN80 300PSI	3057546	No
31-20000300-80-00	-	Assembly DN80 300PSI	3057546	No
31-20000300-80-01	-	Body DN80 300PSI	3057546	No
31-60000300-100 -02	-	Seat Ring DN100 300PSI	3057546	No
31-60000300-100-04	-	Nut DN100 300PSI	3057546	No
31-60000300-100-13	-	Hinge Pin DN100 300PSI	3057546	No
31-60000300-100-14	-	Hinge Plug DN100 300PSI	3057546	No
31-60000300-125 -02	-	Seat Ring DN125 300PSI	3057546	No
31-60000300-125-04	-	Disc Plate DN125 300PSI	3057546	No
31-60000300-125-13	-	Hinge Pin DN125 300PSI	3057546	No
31-60000300-150 -02	-	Seat Ring DN150 300PSI	3057546	No
31-60000300-150-04	-	Disc Plate DN150 300PSI	3057546	No
31-60000300-150-13	-	Hinge Pin DN150 300PSI	3057546	No
31-60000300-150-14	-	Hinge Plug DN150 300PSI	3057546	No
31-60000300-200 -02	-	Seat Ring DN200 300PSI	3057546	No
31-60000300-200-04	-	Disc Plate DN200 300PSI	3057546	No
31-60000300-200-13	-	Hinge Pin DN200 300PSI	3057546	No
31-60000300-200-14	-	Hinge Plug DN200 300PSI	3057546	No
31-60000300-250 -02	-	Seat Ring DN250 300PSI	3057546	No
31-60000300-250-04	-	Disc Plate DN250 300PSI	3057546	No
31-60000300-250-13	-	Hinge Pin DN250 300PSI	3057546	No
31-60000300-250-14	-	Hinge Plug DN250 300PSI	3057546	No
31-60000300-300 -02	-	Seat Ring DN300 300PSI	3057546	No
31-60000300-300-04	-	Disc Plate DN300 300PSI	3057546	No
31-60000300-300-13	-	Hinge Pin DN300 300PSI	3057546	No
31-60000300-300-14	-	Hinge Plug DN300 300PSI	3057546	No
31-60000300-50 -02	-	Seat Ring DN50 300PSI	3057546	No
31-60000300-50-04	-	Nut DN50 300PSI	3057546	No
31-60000300-50-13	-	Hinge Pin DN50 300PSI	3057546	No
31-60000300-50-14	-	Hinge Plug DN50 300PSI	3057546	No
31-60000300-65 -02	-	Seat Ring DN65 300PSI	3057546	No
31-60000300-65-13	-	Hinge Pin DN65 300PSI	3057546	No
31-60000300-80 -02	-	Seat Ring DN80 300PSI	3057546	No
31-60000300-80-04	-	Nut DN80 300PSI	3057546	No
31-60000300-80-13	-	Hinge Pin DN80 300PSI	3057546	No
31-60000300-80-14	-	Hinge Plug DN80 300PSI	3057546	No
31-70000300-100-12	-	Hinge Bushing DN100 300PSI	3057546	No
31-70000300-150-12	-	Hinge Bushing DN150 300PSI	3057546	No
31-70000300-200-12	-	Hinge Bushing DN200 300PSI	3057546	No
31-70000300-250-12	-	Hinge Bushing DN250 300PSI	3057546	No
31-70000300-300-12	-	Hinge Bushing DN300 300PSI	3057546	No
31-70000300-50-12	-	Hinge Bushing DN50 300PSI	3057546	No
31-70000300-80-12	-	Hinge Bushing DN80 300PSI	3057546	No
31-80000300-100 -03	-	Sealing Ring DN100 300PSI	3057546	No
31-80000300-100 -06	-	Disc Sealing Ring DN100 300PSI	3057546	No
31-80000300-100 -15	-	Hinge Sealing Ring DN100 300PSI	3057546	No
31-80000300-100 -16	-	Bonnet Gasket DN100 300PSI	3057546	No
31-80000300-125 -03	-	Sealing Ring DN125 300PSI	3057546	No
31-80000300-125 -06	-	Disc Sealing Ring DN125 300PSI	3057546	No
31-80000300-125 -16	-	Bonnet Gasket DN125 300PSI	3057546	No
31-80000300-150 -03	-	Sealing Ring DN150 300PSI	3057546	No
31-80000300-150 -06	-	Disc Sealing Ring DN150 300PSI	3057546	No

FM APPROVALS PROJECT NO: PR454783

31-80000300-150 -15	-	Hinge Sealing Ring DN150 300PSI	3057546	No
31-80000300-150 -16	-	Bonnet Gasket DN150 300PSI	3057546	No
31-80000300-200 -03	-	Sealing Ring DN200 300PSI	3057546	No
31-80000300-200 -06	-	Disc Sealing Ring DN200 300PSI	3057546	No
31-80000300-200 -15	-	Hinge Sealing Ring DN200 300PSI	3057546	No
31-80000300-200 -16	-	Bonnet Gasket DN200 300PSI	3057546	No
31-80000300-250 -03	-	Sealing Ring DN250 300PSI	3057546	No
31-80000300-250 -06	-	Disc Sealing Ring DN250 300PSI	3057546	No
31-80000300-250 -15	-	Hinge Sealing Ring DN250 300PSI	3057546	No
31-80000300-250 -16	-	Bonnet Gasket DN250 300PSI	3057546	No
31-80000300-300 -03	-	Sealing Ring DN300 300PSI	3057546	No
31-80000300-300 -06	-	Disc Sealing Ring DN300 300PSI	3057546	No
31-80000300-300 -15	-	Hinge Sealing Ring DN300 300PSI	3057546	No
31-80000300-300 -16	-	Bonnet Gasket DN300 300PSI	3057546	No
31-80000300-50 -03	-	Sealing Ring DN50 300PSI	3057546	No
31-80000300-50 -06	-	Disc Sealing Ring DN50 300PSI	3057546	No
31-80000300-50 -15	-	Hinge Sealing Ring DN50 300PSI	3057546	No
31-80000300-50 -16	-	Bonnet Gasket DN50 300PSI	3057546	No
31-80000300-65 -03	-	Sealing Ring DN65 300PSI	3057546	No
31-80000300-65 -06	-	Disc Sealing Ring DN65 300PSI	3057546	No
31-80000300-65 -16	-	Bonnet Gasket DN65 300PSI	3057546	No
31-80000300-80 -03	-	Sealing Ring DN80 300PSI	3057546	No
31-80000300-80 -06	-	Disc Sealing Ring DN80 300PSI	3057546	No
31-80000300-80 -15	-	Hinge Sealing Ring DN80 300PSI	3057546	No
31-80000300-80 -16	-	Bonnet Gasket DN80 300PSI	3057546	No
31F-20000300-100-00	-	Assemble DN100	3057546	No
31F-20000300-100-01	-	Body DN100	3057546	No
31F-20000300-125-00	-	Assemble DN125	3057546	No
31F-20000300-125-01	-	Body DN125	3057546	No
31F-20000300-150-00	-	Assemble DN150	3057546	No
31F-20000300-150-01	-	Body DN150	3057546	No
31F-20000300-200-00	-	Assemble DN200	3057546	No
31F-20000300-200-01	-	Body DN200	3057546	No
31F-20000300-250-00	-	Assemble DN250	3057546	No
31F-20000300-250-01	-	Body DN250	3057546	No
31F-20000300-300-00	-	Assemble DN300	3057546	No
31F-20000300-300-01	-	Body DN300	3057546	No
31F-20000300-50-00	-	Assemble DN50	3057546	No
31F-20000300-50-01	-	Body DN50	3057546	No
31F-20000300-65-00	-	Assemble DN65	3057546	No
31F-20000300-65-01	-	Body DN65	3057546	No
31F-20000300-80-00	-	Assemble DN80	3057546	No
31F-20000300-80-01	-	Body DN80	3057546	No
31G-2000025-100 -02.1	-	Disc core DN100	3057546	No
31G-2000025-100-00	-	Assemble DN100	3057546	No
31G-2000025-100-01	-	Body DN100	3057546	No
31G-2000025-125 -00	-	Assemble DN125	3057546	No
31G-2000025-125 -01	-	Body DN125	3057546	No
31G-2000025-125 -02.1	-	Disc core DN125	3057546	No
31G-2000025-125(140) -00	-	Assemble DN125(140)	3057546	No
31G-2000025-125(140) -01	-	Body DN125(140)	3057546	No
31G-2000025-150 -00	-	Assemble DN150	3057546	No

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31G-2000025-150 -01	-	Body DN150	3057546	No
31G-2000025-150 -02.1	-	Disc core DN150	3057546	No
31G-2000025-150(165) -00	-	Assemble DN150(165)	3057546	No
31G-2000025-150(165) -01	-	Body DN150 (165)	3057546	No
31G-2000025-200 -00	-	Assemble DN200	3057546	No
31G-2000025-200 -01	-	Body DN200	3057546	No
31G-2000025-200 -02.1	-	Disc core DN200	3057546	No
31G-2000025-250 -00	-	Assemble DN250	3057546	No
31G-2000025-250 -01	-	Body DN250	3057546	No
31G-2000025-250 -02.1	-	Disc core DN250	3057546	No
31G-2000025-300 -00	-	Assemble DN300	3057546	No
31G-2000025-300 -01	-	Body DN300	3057546	No
31G-2000025-300 -02.1	-	Disc core DN300	3057546	No
31G-2000025-50 -00	-	Assemble DN50	3057546	No
31G-2000025-50 -01	-	Body DN50	3057546	No
31G-2000025-50 -02.1	-	Disc core DN50	3057546	No
31G-2000025-65 -00	-	Assemble DN65	3057546	No
31G-2000025-65 -01	-	Body DN65	3057546	No
31G-2000025-65 -02.1	-	Disc core DN65	3057546	No
31G-2000025-65(76) -00	-	Assemble DN65(76)	3057546	No
31G-2000025-65(76) -01	-	Body DN65(76)	3057546	No
31G-2000025-80 -00	-	Assemble DN80	3057546	No
31G-2000025-80 -01	-	Body DN80	3057546	No
31G-2000025-80 -02.1	-	Disc core DN80	3057546	No
31G-5000025-100-05	-	Clapper Arm DN100	3057546	No
31G-5000025-125-05	-	Clapper Arm DN125	3057546	No
31G-5000025-150-05	-	Clapper Arm DN150	3057546	No
31G-5000025-200-05	-	Clapper Arm DN200	3057546	No
31G-5000025-250-05	-	Clapper Arm DN250	3057546	No
31G-5000025-300-05	-	Clapper Arm DN300	3057546	No
31G-5000025-50-05	-	Clapper Arm DN50	3057546	No
31G-5000025-65-05	-	Clapper Arm DN65	3057546	No
31G-5000025-80-05	-	Clapper Arm DN80	3057546	No
31G-6000025-100 -04	-	Hinge Pin DN100	3057546	No
31G-6000025-100-02.2	-	Bolt M8 DN100	3057546	No
31G-6000025-125 -04	-	Hinge Pin DN125	3057546	No
31G-6000025-125-02.2	-	Bolt M10 DN125	3057546	No
31G-6000025-200 -04	-	Hinge Pin DN200	3057546	No
31G-6000025-200-02.2	-	Bolt M14 DN200	3057546	No
31G-6000025-250 -04	-	Hinge Pin DN250	3057546	No
31G-6000025-250-02.2	-	Bolt M16 DN250	3057546	No
31G-6000025-300 -04	-	Hinge Pin DN300	3057546	No
31G-6000025-300-02.2	-	Bolt M20 DN300	3057546	No
31G-6000025-50-02.2	-	Bolt M6 DN50	3057546	No
31G-6000025-50-04	-	Hinge Pin DN50	3057546	No
31G-7000025-100 -07	-	Hinge Bushing DN100	3057546	No
31G-7000025-100-10	-	Seat Ring DN100	3057546	No
31G-7000025-125 -07	-	Hinge Bushing DN125	3057546	No
31G-7000025-125-10	-	Seat Ring DN125	3057546	No
31G-7000025-150-10	-	Seat Ring DN150	3057546	No
31G-7000025-200 -07	-	Hinge Bushing DN200	3057546	No
31G-7000025-200-10	-	Seat Ring DN200	3057546	No

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31G-7000025-250 -07	-	Hinge Bushing DN250	3057546	No
31G-7000025-250-10	-	Seat Ring DN250	3057546	No
31G-7000025-300 -07	-	Hinge Bushing DN300	3057546	No
31G-7000025-300-10	-	Seat Ring DN300	3057546	No
31G-7000025-50 -07	-	Hinge Bushing DN50	3057546	No
31G-7000025-50-10	-	Seat Ring DN50	3057546	No
31G-7000025-65-10	-	Seat Ring DN65	3057546	No
31G-7000025-80-10	-	Seat Ring DN80	3057546	No
31G-8000025-100 -02	-	Disc DN100	3057546	No
31G-8000025-100 -50	-	Stoper DN100	3057546	No
31G-8000025-125 -02	-	Disc DN125	3057546	No
31G-8000025-125 -50	-	Stoper DN125	3057546	No
31G-8000025-150 -02	-	Disc DN150	3057546	No
31G-8000025-200 -02	-	Disc DN200	3057546	No
31G-8000025-200 -50	-	Stoper DN200	3057546	No
31G-8000025-250 -02	-	Disc DN300	3057546	No
31G-8000025-250 -50	-	Stoper DN250	3057546	No
31G-8000025-300 -02	-	Disc DN250	3057546	No
31G-8000025-300 -50	-	Stoper DN300	3057546	No
31G-8000025-50 -02	-	Disc DN50	3057546	No
31G-8000025-50 -50	-	Stoper DN50	3057546	No
31G-8000025-65 -02	-	Disc DN65	3057546	No
31G-8000025-80 -02	-	Disc DN80	3057546	No
H44X-01	-	Mark-H44X-01	3057546	No
H44X	-	Mark-H44X	3057546	No
H84X	-	Mark-H84X	3057546	No
Mark	-	GSC-365 Resilient Swing Check Valve	3060175	Yes (pdf)