

MODEL XGQT3 REDUCING COUPLING

The Lede Model XGQT3 reducing coupling allows for direct reduction on a piping run and eliminates the need for a concentric reducer and couplings. The specially designed rubber gasket helps prevent small pipe from telescoping into larger pipe during vertical assembly.

SPECIFICATIONS

Sizes available:

40 x 32 mm - 200 x 150 mm / 1 1/2" x 1 1/4" ~ 8" x 6"

Working Pressure:

Up to 20 bar / 300 psi

Maximum working pressures are CWP (cold water pressure) or maximum allowed working pressure within the service temperature range of the gasket used in the coupling, based on standard wall or sch. 7/10/40 steel pipe, cut or roll-grooved to ANSI/AWWA C606-04 specifications.

These ratings may occasionally differ from maximum working pressures listed and/or approved by UL, ULC, and/or FM as testing conditions and test pipes differ. For performance data on other pipe schedules contact Lede.

Housing Coating:

Red Enamel

Housing material:

Ductile Iron conforming to ASTM A536 Gr. 65-45-12.

Gasket material:

EPDM (Silicon free) These gaskets have excellent self sealing capabilities and are designed to provide a leak tight seal.



LEDE GROOVED PIPING SYSTEM

The Lede grooved piping system is one of the most advanced, versatile, economical and reliable systems available today. After the pipe ends are grooved a gasket is stretched over the pipe ends. The coupling segments are then placed over the gasket and the bolts and nuts are fastened resulting in a secure and leak free joint.

Caution: The Model XGQT3 couplings should not be used with an end cap, as the end may be sucked into the pipe when draining the system.

INTERNATIONAL APPROVAL



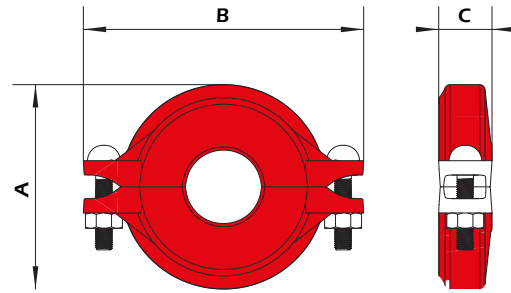
SUBMITTAL INFORMATION

PROJECT:	CONTRACTOR:	DATE:
ENGINEER:	SPECIFICATION REFERENCE:	SYSTEM TYPE:
LOCATIONS:	COMMENTS:	

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DATA CHART

Lede couplings are identified by the nominal IPS pipe size in inches or nominal diameter of pipe (DN) in millimeters.



Nominal Size mm/in	Actual O.D. mm/in	Max. Working Pressure Bar/PSI	Max. End Load KN/Lbs	Axial Displacement mm/in	Deflection		Dimensions			Bolt Size mm/in	
					Degree Per Coupling(°)	Pipe mm/m in/ft	A mm/in	B mm/in	C mm/in		
40x32	48.3x42.4	20	3.79	1.6						M10x50	
1 1/2x1 1/4	1.9x1.669	300	852	0.0625	1°-54'	0.4	33	70	113	45	3/8x2
50x40	60.3x48.3	20	5.91	1.6							M10x55
2x1 1/2	2.375x1.9	300	1327	0.0625	1°-31'	0.32	27	82	130	46	3/8x2-1/8
65x25	73x33.7	20	8.66	1.6							M10x55
2 1/2x1	2.875x1.327	300	1945	0.0625	1°-15'	0.26	22	97	151	46	3/8x2-1/8
65x32	73x42.4	20	8.66	1.6							M10x55
2 1/2x1 1/4	2.875x1.669	300	1945	0.0625	1°-15'	0.26	22	97	151	46	3/8x2-1/8
65x40	73x48.3	20	8.66	1.6							M10x55
2 1/2x1 1/2	2.875x1.9	300	1945	0.0625	1°-15'	0.26	22	97	151	46	3/8x2-1/8
65x50	73x60.3	20	8.66	1.6							M10x55
2 1/2x2	2.875x2.375	300	1945	0.0625	1°-15'	0.26	22	97	151	46	3/8x2-1/8
80x40	88.9x48.3	20	12.84	1.6							M12x65
3x1 1/2	3.5x1.9	300	2885	0.0625	1°-02'	0.22	18	112	166.6	46	1/2x2-5/8
80x50	88.9x60.3	20	12.84	1.6							M12x65
3x2	3.5x2.375	300	2885	0.0625	1°-02'	0.22	18	112	166.6	46	1/2x2-5/8
80x65	88.9x73.0	20	12.84	1.6							M12x65
3x2 1/2	3.5x2.875	300	2885	0.0625	1°-02'	0.22	18	112	166.6	46	1/2x2-5/8
100x50	114.3x60.3	20	21.22	3.2							M12x65
4x2	4.5x2.375	300	4769	0.125	1°-36'	0.34	28	141	200	50	1/2x2-5/8
100x65	114.3x73.0	20	21.22	3.2							M12x65
4x2 1/2	4.5x2.875	300	4769	0.125	1°-36'	0.34	28	141	200	50	1/2x2-5/8
100x80	114.3x88.9	20	21.22	3.2							M12x65
4x3	4.5x3.5	300	4769	0.125	1°-36'	0.34	28	141.8	200	50	1/2x2-5/8
125x100	141.3x114.3	20	32.43	3.2							M16x80
5x4	5.563x4.5	300	7288	0.125	1°-18'	0.27	23	167	230	52	5/8x3-1/8
150x80	165.1x88.9	20	44.27	3.2							M16x80
6x3	6.5x3.5	300	9950	0.125	1°-07'	0.24	20	197	275	52	5/8x3-1/8
150x100	165.1x114.3	20	44.27	3.2							M16x80
6x4	6.5x4.5	300	9950	0.125	1°-07'	0.24	20	197	275	52	5/8x3-1/8
150x65	168.3x73	20	46.00	3.2							M16x80
6x2 1/2	6.525x2.875	300	10340	0.125	1°-06'	0.23	19	199.4	275	52	5/8x3-1/8
150x80	168.3x88.9	20	46.00	3.2							M16x80
6x3	6.525x3.5	300	10340	0.125	1°-06'	0.23	19	199.4	275	52	5/8x3-1/8
150x100	168.3x114.3	20	46.00	3.2							M16x80
6x4	6.525x4.5	300	10340	0.125	1°-06'	0.23	19	199.4	275	52	5/8x3-1/8
150x100	168.3x141.3	20	46.00	3.2							M16x80
6x5	6.625x5.563	300	10340	0.125	1°-06'	0.23	19	199.4	275	52	5/8x3-1/8
200x100	219.1x114.3	20	77.97	3.2							M20x110
8x4	8.625x4.5	300	17524	0.125	0°-50'	0.18	15	256	336	58	3/4x4-1/3
200x150	219.1x168.3	20	77.97	3.2							M20x110
8x6	8.625x6.525	300	17524	0.125	0°-50'	0.18	15	256	336	58	3/4x4-1/3

Deflection or angular movement is the maximum value that a coupling allows under no internal pressure.

Weights:

All weights are approximate and subject to change without notice.

Lede reserves the right to change or modify product designs, specifications and/or standard equipment without notice and without incurring obligation.

Sales:

Prices and Terms and Conditions of Sale are subject to change without notice.

Warranty:

We warrant all Lede products to be free from defects in materials and workmanship under normal conditions of use and service. For more information please contact LEDE.

