



UNITED STATES PIPE AND FOUNDRY COMPANY ALABAMA WORKS

2023 Saint Louis Avenue
Bessemer, AL 35020
USA

NQ 3623-085/2002-03-28 M1 (2019-07-17)

*Ductile-Iron Pipe for Water Pressure Piping Systems -
Characteristics and Test Methods*

Certificate number: **3196**
Issue date: **2023-07-06**
Expiry date: **2025-07-31**

Nominal Diameter		Pressure Class	Maximum Deflection Angle	Type of Joint	Length	
mm	(in)				m	(feet)
100	(4)	350	5°	Push-on ^{(1) (2)}	6.1	(20)
150	(6)	350	5°	Push-on ^{(1) (2)}	6.1	(20)
200	(8)	350	5°	Push-on ^{(1) (2)}	6.1	(20)
250	(10)	350	5°	Push-on ^{(1) (2)}	6.1	(20)
300	(12)	350	5°	Push-on ^{(1) (2)}	6.1	(20)
350	(14)	250	5° ⁽¹⁾	Push-on ^{(1) (2)}	6.1	(20)
		300	3-1/4° ⁽²⁾			
		350				
400	(16)	250	5° ⁽¹⁾	Push-on ^{(1) (2)}	6.1	(20)
		300	3-1/4° ⁽²⁾			
		350				
450	(18)	250	5° ⁽¹⁾	Push-on ^{(1) (2)}	6.1	(20)
		300	3° ⁽²⁾			
		350				
500	(20)	250	5° ⁽¹⁾	Push-on ^{(1) (2)}	6.1	(20)
		300	2-1/2° ⁽²⁾			
		350				
600	(24)	200	5° ⁽¹⁾ 2-1/4° ⁽²⁾	Push-on ^{(1) (2)}	5.5	(18)
		250			6.1	(20)
		300				
		350				
750	(30)	150	5° ⁽¹⁾ 0.5° ⁽³⁾	Push-on ^{(1) (3)}	5.5	(18)
		200			6.1	(20)
		250				
		300				
		350				
900	(36)	150	0.5° ⁽³⁾	Push-on ⁽³⁾	5.5	(18)
		200			6.1	(20)
		250				
		300				
		350				



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mm	(in)				m	(feet)
1050	(42)	150	0.5° ⁽³⁾	Push-on ⁽³⁾	5.5	(18)
		200				
		250				
		300				
		350				
1200	(48)	150	0.5° ⁽³⁾	Push-on ⁽³⁾	6.1	(20)
		200				
		250				
		300				
		350				
1500	(60)	150	0.5° ⁽³⁾	Push-on ⁽³⁾	6.1	(20)
		200				
		250				
		300				
		350				
1600	(64)	150	0.5° ⁽³⁾	Push-on ⁽³⁾	6.1	(20)
		200				
		250				
		300				
		350				

(1) Unrestrained Push-on joint type with TYTON gasket.

(2) Restrained Push-on joint type, TR FLEX assembly with TYTON gasket.

(3) Restrained Push-on joint type, HP LOK assembly with TYTON gasket.

NOTE: The trademark is Griffin and is distributed in Canada by Forterra Pressure Pipe.



**Bureau de normalisation
du Québec**

BNQ is a member of the National
Standards System (NSS).

ANNEX TO THE CERTIFICATE

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HISTORY	
Date	Modification description
2017-07-18	Issuance of certificate.
2018-11-30	Add 750 mm, 900 mm, 1050 mm, class 350, HP LOK joint tested at 0.5°.
2019-03-18	Add certification scope clarification notes regarding joint type designation per pipe diameters.
2019-07-26	Renewal of certificate.
2019-08-13	TR FLEX max. deflection angle update.
2020-03-09	Update of the certificate to the BNQ 3623-085 / 2002-03-28 M1 (2019-07-17) edition.
2021-07-15	Renewal of certificate. Add 1200 mm, 1500 mm and 1600 mm diameters.
2023-07-06	Renewal of certificate.

THE ANNEX IS AN INTEGRAL PART OF THE CERTIFICATE.