



Product description

- Ductile iron pipe for drinking water and neutral liquids

Standards

- Designed according to EN 545
- Flange drilling to EN 1092-2 (ISO 7005-2) PN 10/16/25

Tests

- All pipes are individually hydrostatically tested according to EN 545

Corrosion protection

- Pipe internal coating: sulfate-resistant centrifugal cement mortar (blast furnace cement mortar or equivalent) for drinking water and other water (excluding waste water)
- Pipe external coating: metallic zinc [200g/m²] + acrylic-pvdc paint finish layer + blue RAL 5005 enamel

Features

- Pipe for drinking water
- Body in ductile iron Rm > 420 MPa, elongation > 10%
- Flange and puddle flange ductile cast iron (EN-GJS-500-7)
- Puddle Flange from DN 50 to DN 200 are ajustable, from DN 250 to DN 800 are fixed. This innovation puddle flange system patented by Fucoli-Somepal was developed to facilitate the installation on site, due that can be placed at any point of the pipe length
- The pipes are provided with fixed flange(s) (when that is applicable)
- Ductile cast iron pipe available in 9 models:
 - A. Double spigot pipe
 - B. Flanged spigot pipe
 - C. Double flanged pipe
 - D. Double spigot pipe with adjustable puddle flange from DN 50 to DN 200
 - E. Flanged spigot pipe with adjustable puddle flange from DN 50 to DN 200
 - F. Double flanged pipe with adjustable puddle flange from DN 50 to DN 200
 - G. Double spigot pipe with fixed puddle flange from DN 250 to DN 800
 - H. Flanged spigot pipe with fixed puddle flange from DN 250 to DN 800
 - I. Double flanged pipe with fixed puddle flange from DN 250 to DN 800
- Available in length up to:
 - i. DN 50 to DN 600 length maximum 5900 mm
 - ii. DN 700 to DN 800 length maximum 3000 mm
- On request flanged pipe PN 25 and side thread outlet: 1", 2 ½" and 2".



A



B



C



D



E



F



G



H



I



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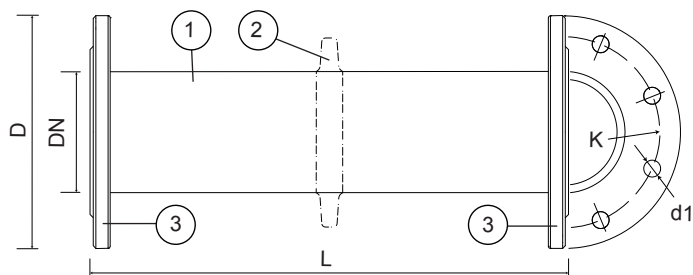
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PIPE

DN 50 - 800 PN10/16/25

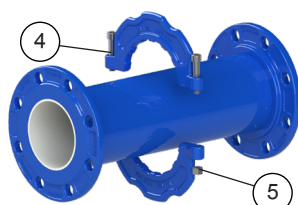
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Component list

pos.	components	material	standard
1	Pipe	Ductile iron Rm > 420MPa, elongation > 10%	EN 1563
2a*	Adjustable puddle flanged	Ductile iron EN-GJS-500-7	EN 1563
2b*	Fixed puddle flanged	Ductile iron EN-GJS-500-7	EN 1563
3	Flange	Ductile iron EN-GJS-500-7	EN 1563
4	Bolt	Steel zinc plated cl 8.8	ISO 898 - 1
5	Nut	Steel zinc plated cl 8.8	ISO 898 - 1

* 2a Available only from DN 50 to DN 200
* 2b Available only from DN 250 to DN 800



Adjustable puddle flanged
DN 50 up to DN 200



Fixed flange
DN 250 up to DN 800

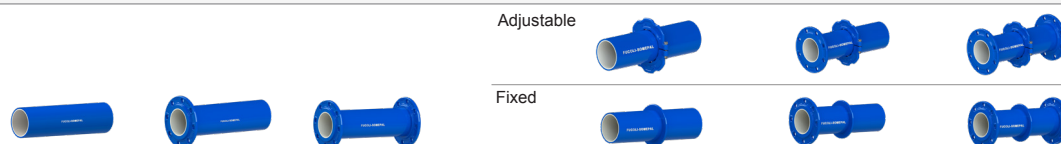
Reference and dimensions

Common on all models

Hole ø / ø and n° of holes

DN	PN	D	K	n° x d1	DN	PN	D	K	n° x d1	DN	PN	D	K	n° x d1	DN	PN	D	K	n° x d1
50	10/16/25	165	125	4 x 19	125	10/16	250	210	8 x 19	300	10/16	455	400 410	12 x 23 - 28	600	10	780	725	20 x 31
60	10/16	175	135	4 x 19	125	25	270	220	8 x 28						600	16	840	770	20 x 37
60	25	175	135	8 x 19	150	10/16	285	240	8 x 23	300	25	485	430	16 x 31	600	25	845	770	20 x 41
65	10/16	185	145	4 x 19	150	25	300	250	8 x 28	400	10	565	515	16 x 28	700	10	895	840	24 x 31
65	25	185	145	8 x 19	200	10/16	340	295	8 - 12 x 23	400	16	580	525	16 x 31	700	16	910	840	24 x 37
80	10/16	200	160	8 x 19	200	25	360	310	12 x 28	400	25	620	550	16 x 37	700	25	960	875	24 x 44
80	25	200	160	8 x 19	250	10/16	400	300	12 x 23 - 28	500	10	670	620	20 x 28	800	10	1015	950	24 x 34
100	10/16	220	180	8 x 19	250	25	405	355	12 x 31	500	16	715	650	20 x 34	800	16	1025	950	24 x 41
100	25	235	190	8 x 23						500	25	730	660	20 x 37	800	25	1085	990	24 x 50

Models



Code of the 9 models available

DN	PN	Ø ext. pipe	(A)	(B)	(C)	Puddle Flange	(D)-(G)	(E)-(H)	(F)-(I)
50	10 / 16	77	-	-	402030012	Adjustable	-	-	402030015
50	25	77	-	-	4020300125	Adjustable	-	-	4020300155
60	10 / 16	77	40203003	-	-	Adjustable	402030033	-	-
60/65	10 / 16	77	-	402030031	402030032	Adjustable	-	402030034	402030035
60/65	25	77	-	4020300315	4020300325	Adjustable	-	4020300345	4020300355
80	10 / 16	98	40203004	402030041	402030042	Adjustable	402030043	402030044	402030045
80	25	98	40203004	4020300415	4020300425	Adjustable	402030043	4020300445	4020300455
100	10 / 16	118	40203005	402030051	402030052	Adjustable	402030053	402030054	402030055
100	25	118	40203005	4020300515	4020300525	Adjustable	402030053	4020300545	4020300555
125	10 / 16	144	40203007	40203008	40203009	Adjustable	402030073	402030074	402030075
125	25	144	40203007	402030085	402030095	Adjustable	402030073	4020300745	4020300755
150	10 / 16	170	40203010	40203011	40203012	Adjustable	402030103	402030104	402030105
150	25	170	40203010	402030115	402030125	Adjustable	402030103	4020301045	4020301055
200	10 / 16	222	40203020	40203024	40203025	Adjustable	402030203	402030244	402030265
200	25	222	40203020	402030245	402030255	Adjustable	402030203	4020302445	4020302655
250	10 / 16	274	40203030	40203033	40203034	Fixed	402030303	402030334	402030355
250	25	274	40203030	402030335	402030345	Fixed	402030303	4020303345	4020303555
300	10 / 16	326	40203040	40203043	40203044	Fixed	402030403	402030434	402030485
300	25	326	40203040	402030435	402030445	Fixed	402030403	4020304345	4020304855

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PIPE

DN 50 - 800 PN10/16/25

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Adjustable



Fixed



Código dos 9 modelos disponíveis

DN	PN	Ø ext. pipe	(A)	(B)	(C)	Puddle Flange	(D)-(G)	(E)-(H)	(F)-(I)
350	10	378	40203045	40203046	40203047	Fixed	402030453	402030454	402030455
350	16	378	40203045	402030466	402030476	Fixed	402030453	4020304546	4020304556
350	25	378	40203045	402030465	402030475	Fixed	402030453	4020304545	4020304555
400	10	429	40206009	402060091	402060092	Fixed	402060093	402060094	402060095
400	16	429	40206009	4020600916	4020600926	Fixed	402060093	4020600946	4020600956
400	25	429	40206009	4020600915	4020600925	Fixed	402060093	4020600945	4020600955
450	10	480	40206011	402030111	402060112	Fixed	402060113	402060114	402060115
450	16	480	40206011	4020301116	4020601126	Fixed	402060113	4020601146	4020601156
450	25	480	40206011	4020301115	4020601125	Fixed	402060113	4020601145	4020601155
500	10	532	40206010	402060101	402060102	Fixed	402060103	402060104	402060105
500	16	532	40206010	4020601016	4020601026	Fixed	402060103	4020601046	4020601056
500	25	532	40206010	4020601015	4020601025	Fixed	402060103	4020601045	4020601055
600	10	635	40206012	402060121	402060122	Fixed	402060123	402060124	402060125
600	16	635	40206012	4020601216	4020601226	Fixed	402060123	4020601246	4020601256
600	25	635	40206012	4020601215	4020601225	Fixed	402060123	4020601245	4020601255
700	10	738	40206013	402060131*	402060132*	Fixed	402060133*	402060134*	402060135*
700	16	738	40206013	4020601316*	4020601326*	Fixed	402060133*	4020601346*	4020601356*
700	25	738	40206013	4020601315*	4020601325*	Fixed	402060133*	4020601345*	4020601355*
800	10	842	40206014	402060141*	402060142*	Fixed	402060143*	402060144*	402060145*
800	16	842	40206014	4020601416*	4020601426*	Fixed	402060143*	4020601446*	4020601456*
800	25	842	40206014	402060141*5	4020601425*	Fixed	402060143*	4020601445*	4020601455*

* Maximum length up to 3000mm



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