

General Characteristics

DP 40N Series – NPS Low Pressure

Fitting Material Specifications	Material Specification
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K = Stainless Steel	ASTM-A479/A182-316
G = Carbon Steel	ASTM-A105/A350 LF2
B = Copper Nickel 70/30	MIL-C71500
C = Copper Nickel 90/10	MIL-C70600
D = Duplex	ASTM-A479/A182-UNS31803
Z = Super Duplex	ASTM-A479/A182-UNS32750
T = Titanium	ASTM B348 Gr.2

PYPLOK® DP 40 Series shapes such as Tees, Elbows and ANSI Flanged End are made as welded assemblies using ASME B16.9 SCH.40 Butt Weld Fitting with the following material specification:

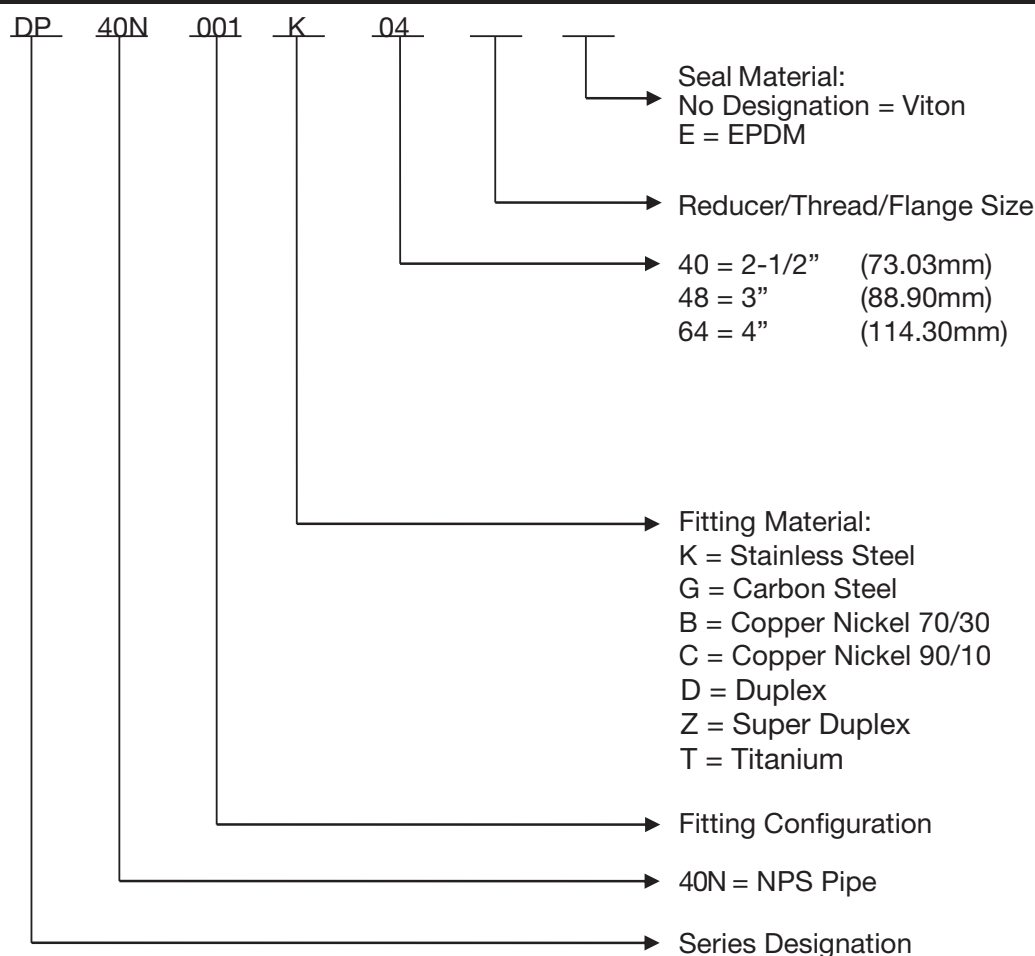
K = Stainless Steel	ASTM-A312
G = Carbon Steel	ASTM-A105

O-Ring Material Specifications	O-Ring Temperature Limits
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VITON (Brown Colour)	-15°F to 400°F (-26°C to 205°C)
EPDM (Black Colour)	-60°F to 400°F (-51°C to 205°C)

For seal compatibility and selection for each system consult factory. Other seal materials for specific applications of compatibility and temperature are available upon request.

Ordering Information



System design and safe application is the responsibility of the end-user. Consideration must be taken to confirm proper fitting selection is made to ensure proper compatibility, function and operation of the fitting within the piping system. The technical and performance information such as weights, dimensions and ratings in this catalogue supersede all previous published data. Tube-Mac® reserves the right to change technical data and product dimension, ratings and other aspects without notice.

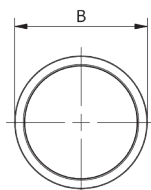
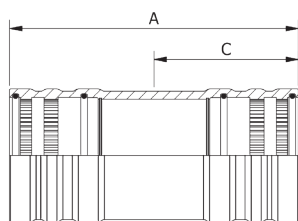
Standard Fitting Configuration Guide

DP 40N Series - NPS Low Pressure

2-1/2" to 4"

 Low Pressure Coupling DP40N100 Page F3	 Low Pressure 90° Elbow DP40N300 Page F3	 Low Pressure 45° Elbow DP40N017 Page F4	 Low Pressure Tee DP40N400 Page F4	 Low Pressure Reducing Tee DP40N104 Page F5	 Low Pressure Reducer DP40N101 Page F5
 Low Pressure End Cap DP40N085 Page F6	 Low Pressure Flange - 150# DP40N018 Page F6	 Low Pressure SAE Code 61 Flange DP40N091 Page F7	 Low Pressure SAE Code 61 Tapped Flange DP40N095 Page F7		

DP 40N Series – NPS Low Pressure

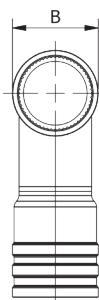
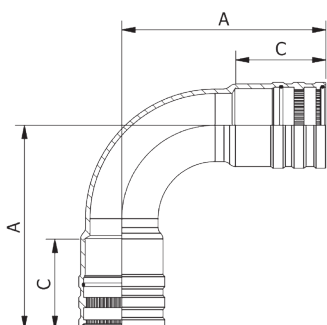


***MATERIAL CODE:**
 K = STAINLESS STEEL
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 B = COPPER NICKEL 70/30

ORDER EXAMPLE:
 DP40N100G40

Low Pressure Coupling, NPS - DP40N100

Size NPS	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
2-1/2"	DP40N100*40	7.50 (190.50)	3.45 (87.63)	3.75 (95.25)	4.38 (1.99)
3"	DP40N100*48	8.70 (220.98)	4.14 (105.16)	4.35 (110.49)	6.68 (3.03)
4"	DP40N100*64	13.50 (342.90)	5.32 (135.13)	6.75 (171.45)	18.63 (8.45)



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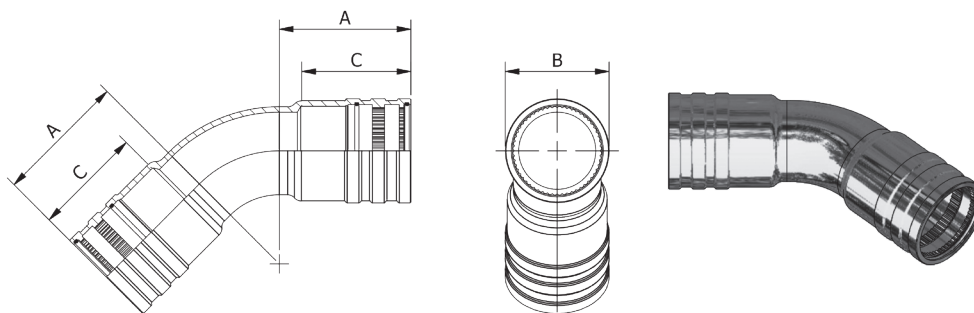
ORDER EXAMPLE:
 DP40N300G40

Low Pressure 90° Elbow, NPS - DP40N300

Size NPS	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
2-1/2"	DP40N300*40	8.53 (216.66)	3.45 (87.63)	3.75 (95.25)	8.35 (3.79)
3"	DP40N300*48	9.71 (246.63)	4.14 (105.16)	4.35 (110.49)	12.57 (5.70)
4"	DP40N300*64	14.13 (358.90)	5.32 (135.13)	6.75 (171.45)	30.60 (13.88)

PYPLOK® DP 40 Series shapes such Tees, Elbows and ANSI Flanged Ends are made as welded assemblies using ASME B16.9 SCH.40 Butt Weld Fittings.

DP 40N Series – NPS Low Pressure



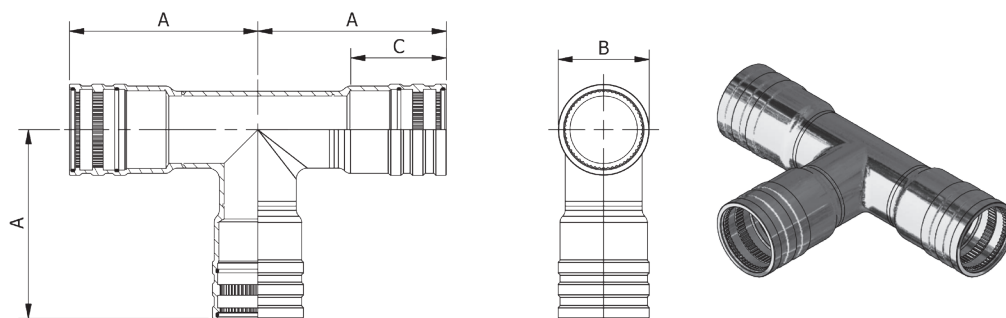
***MATERIAL CODE:**
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ORDER EXAMPLE:
DP40N017G40

Low Pressure 45° Elbow, NPS - DP40N017

Size NPS	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
2-1/2"	DP40N017*40	6.53 (165.86)	3.45 (87.63)	3.75 (95.25)	2.71 (1.23)
3"	DP40N017*48	7.20 (182.88)	4.14 (105.16)	4.35 (110.49)	10.10 (4.58)
4"	DP40N017*64	10.61 (269.49)	5.32 (135.13)	6.75 (171.45)	26.28 (11.92)

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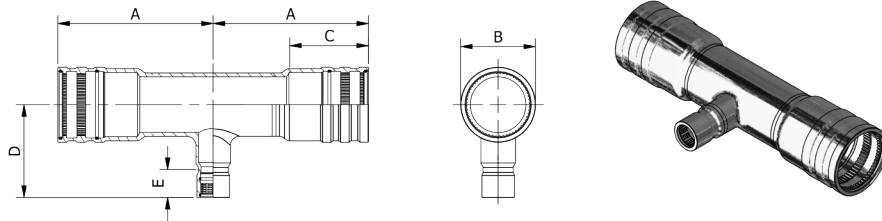
ORDER EXAMPLE:
DP40N400G40

Low Pressure Tee, NPS - DP40N400

Size NPS	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
2-1/2"	DP40N400*40	7.78 (197.61)	3.45 (87.63)	3.75 (95.25)	12.80 (5.81)
3"	DP40N400*48	8.58 (217.93)	4.14 (105.16)	4.35 (110.49)	18.10 (8.21)
4"	DP40N400*64	12.25 (311.15)	5.32 (135.13)	6.75 (171.45)	42.12 (19.11)

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DP 40N Series – NPS Low Pressure

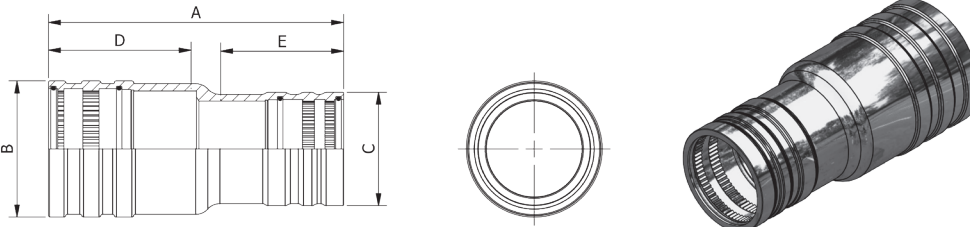


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ORDER EXAMPLE:
 DP40N104G4032

Low Pressure Reducing Tee, NPS - DP40N104								
Port 1 Size NPS	Port 2 Size NPS	Part Number	Dimensions - Inch (mm)					*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	E Insertion Depth	
2-1/2"	2"	DP40N104*4032	7.78 (197.61)	3.45 (87.63)	3.75 (95.25)	7.48 (189.99)	3.50 (88.90)	11.65 (5.28)
3"	2"	DP40N104*4832	8.58 (217.93)	4.14 (105.16)	4.35 (110.49)	7.76 (197.10)	3.50 (88.90)	15.57 (7.06)
3"	2-1/2"	DP40N104*4840	8.58 (217.93)	4.14 (105.16)	4.35 (110.49)	8.03 (203.96)	3.75 (95.25)	15.72 (7.13)
4"	3"	DP40N104*6448	12.25 (311.15)	5.32 (135.13)	6.75 (171.45)	9.09 (230.89)	4.35 (110.49)	34.60 (15.69)

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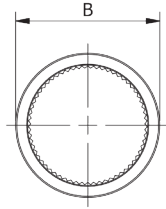
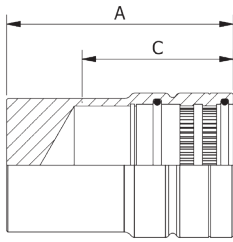
ORDER EXAMPLE:
 DP40N101G4024

Other configurations available.
 Contact factory for details.

Low Pressure Reducer, NPS - DP40N101								
End 1 Size NPS	End 2 Size NPS	Part Number	Dimensions - mm (Inch)					*Weight K & G lbs (kg)
			A	B	C	D Insertion Depth	E Insertion Depth	
2-1/2"	1-1/2"	DP40N101*4024	8.00 (203.20)	3.45 (87.63)	2.58 (65.53)	3.75 (95.25)	2.50 (63.50)	5.50 (2.49)
2-1/2"	2"	DP40N101*4032	8.25 (209.55)	3.45 (87.63)	3.04 (77.22)	3.75 (95.25)	3.50 (88.90)	5.42 (2.46)
3"	2"	DP40N101*4832	9.00 (228.60)	4.14 (105.16)	3.04 (77.22)	4.35 (110.49)	3.50 (88.90)	7.21 (3.27)
3"	2-1/2"	DP40N101*4840	9.00 (228.60)	4.14 (105.16)	3.45 (87.63)	4.35 (110.49)	3.75 (95.25)	6.48 (2.94)
4"	3"	DP40N101*6448	13.00 (330.20)	5.35 (135.13)	4.14 (105.16)	6.75 (171.45)	4.35 (110.49)	16.10 (7.30)

3D step models available upon request

DP 40N Series – NPS Low Pressure

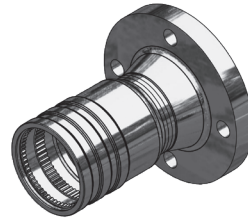
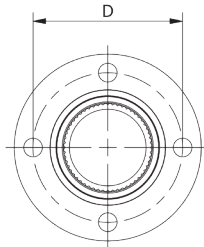
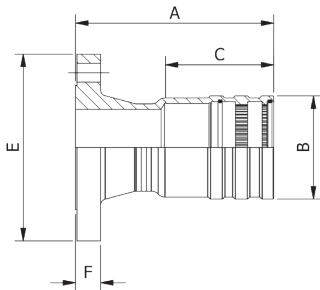


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ORDER EXAMPLE:
 DP40N085G40

Low Pressure End Cap, NPS - DP40N085

Size NPS	Part Number	Dimensions - Inch (mm)			*Weight K & G lbs (kg)
		A	B	C Insertion Depth	
2-1/2"	DP40N085*40	4.50 (114.30)	3.45 (87.63)	3.75 (95.25)	3.66 (1.66)
3"	DP40N085*48	5.23 (129.54)	4.14 (105.16)	4.35 (110.49)	5.49 (2.49)
4"	DP40N085*64	7.63 (190.50)	5.32 (135.13)	6.75 (171.45)	12.57 (5.70)



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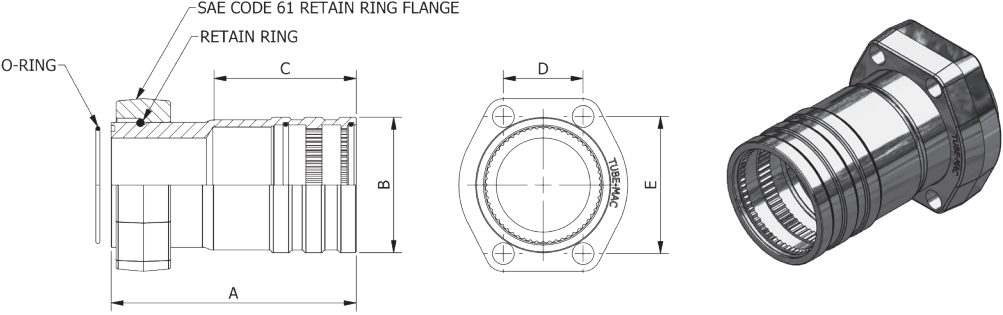
ORDER EXAMPLE:
 DP40N018G40

Low Pressure Flange – ANSI 150#, NPS - DP40N018

Size NPS	Flange Size	Part Number	Dimensions - mm (Inch)						Bolt Size	*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	E	F		
2-1/2"	2-1/2"	DP40N018*40	7.53 (191.26)	3.45 (87.63)	3.75 (95.25)	5.50 (139.70)	7.00 (177.80)	0.94 (23.88)	5/8" UNC	12.73 (5.77)
3"	3"	DP40N018*48	7.96 (202.18)	4.14 (105.16)	4.35 (110.49)	6.00 (152.40)	7.50 (190.50)	0.94 (23.88)	5/8" UNC	19.26 (8.74)
4"	4"	DP40N018*64	11.10 (281.94)	5.32 (135.13)	6.75 (171.45)	7.50 (190.50)	9.00 (228.60)	1.19 (30.23)	5/8" UNC	27.33 (12.40)

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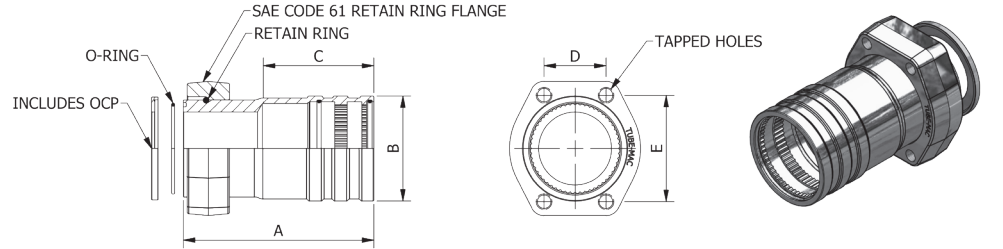
DP 40N Series – NPS Low Pressure



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ORDER EXAMPLE:
DP40N091G40

Low Pressure SAE Code 61 Flange, NPS - DP40N091									
Size NPS	Flange Size	Part Number	Dimensions - Inch (mm)					Bolt Minimum Grade 8	*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	E		
2-1/2"	2-1/2"	DP40N091*40	7.00 (177.80)	3.45 (87.63)	3.75 (95.25)	2.00 (50.80)	3.49 (88.65)	1/2" UNC	8.41 (3.81)
3"	3"	DP40N091*48	7.50 (190.50)	4.14 (105.16)	4.35 (110.49)	2.44 (61.98)	4.19 (106.43)	5/8" UNC	12.40 (5.62)
4"	4"	DP40N091*64	11.00 (279.40)	5.32 (135.13)	6.75 (171.45)	3.06 (77.72)	5.13 (130.30)	5/8" UNC	22.65 (10.27)



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ORDER EXAMPLE:
DP40N095G40

Low Pressure SAE Code 61 Tapped Flange, NPS - DP40N095									
Size NPS	Flange Size	Part Number	Dimensions - Inch (mm)					Tap UNC-2B	*Weight K & G lbs (kg)
			A	B	C Insertion Depth	D	E		
2-1/2"	2-1/2"	DP40N095*40	7.00 (177.80)	3.45 (87.63)	3.75 (95.25)	2.00 (50.80)	3.49 (88.65)	1/2"-13	8.41 (3.81)
3"	3"	DP40N095*48	7.50 (190.50)	4.14 (105.16)	4.35 (110.49)	2.44 (61.98)	4.19 (106.43)	5/8"-11	12.40 (5.62)
4"	4"	DP40N095*64	11.00 (279.40)	5.32 (135.13)	6.75 (171.45)	3.06 (77.72)	5.13 (130.30)	5/8"-11	22.65 (10.27)

Notes

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