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Suppliers Code : 20031525

DIN 2503 PN40 Flange

Ramesh Group Corporation	ADNOC Approved	Suppliers Code: 20031525
Email: info@rameshgroup.com **Website**: www.rameshgroup.com	**Phone**: +91-9819806035 **Address**: Mumbai, India.	RSC Ramesh Steel CORPORATION

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Ramesh Steel CORPORATION

20031525	Ramesh Steel Corporation - RSC	India

Manufacturer of DIN 2503 PN40 Slip On Flange in India, Check Specification

DIN 2503 PN40 Flange Specification

DIN Standard
DIN 2503

Size In Ready Stock
DN10-DN1000

Temperature
100°C To 600°C

Nominal Pressure
PN40

Surface
Smooth

Face
FF

End Connection
Welding

Bolts Holes
4 to 28

Manufacturing Method
Plate Cutting
Forged or Stamped

Raw Material

Carbon Steel
Mild Steel
RSt37.2
S235JRG2
Stainless Steel

Inspection Plan

Impact Test
PMI Test
Shell Pressure Test
Hardness Test
Tensile Test

Type

DIN 2503 PN40 Plate Flange
DIN 2503 PN40 Flat Flange
DIN 2503 PN40 Slip On Flange
DIN 2503 PN40 Slip On Plate Flange

Coating Types

Anti-Rust Paint
Yellow Transparent
Oil Black Paint

Schedule

SCH 10
SCH 40
SCH 60 To SCH 180

Gasket

FF

DIN 2503 PN40 Flat Flange Supplier in Diameters Ranging From DN10 – DN1000, View Temperature

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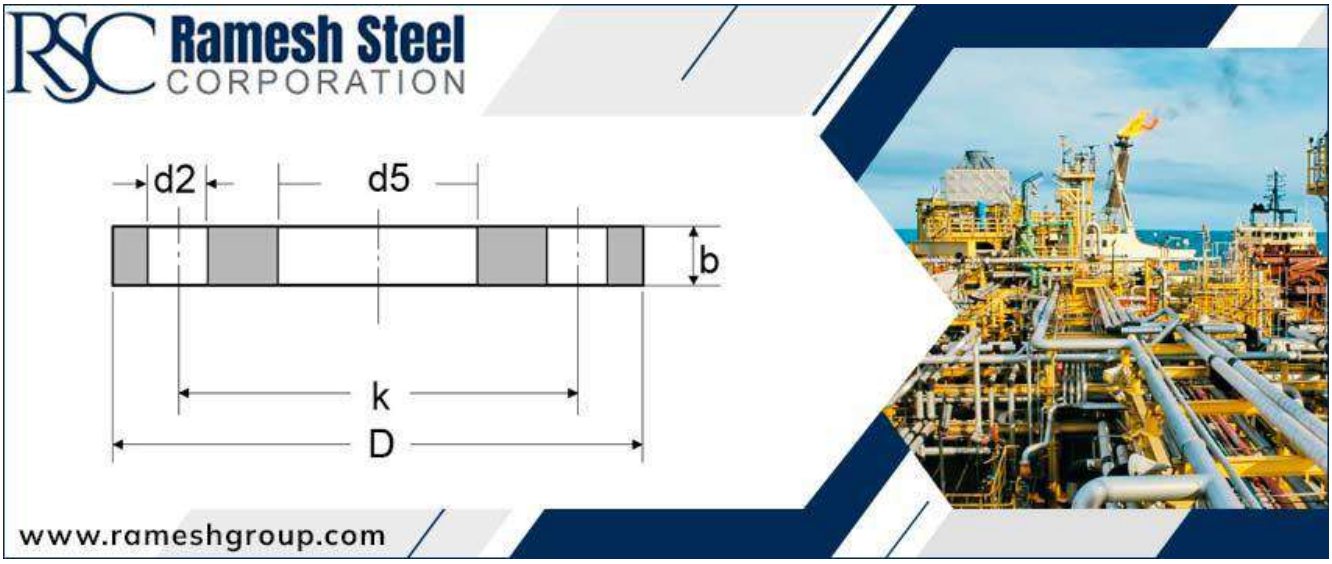
Room Temperature Of DIN 2503 PN40 Flat Flange

Room Temperature	ASTM A182 F304L	ASTM A182 F316L
-	(40 Bar)	(40 Bar)
100 °C	34.4	37.9
200 °C	28.0	31.8
300 °C	24.1	27.6
400 °C	22.0	25.7
500 °C	20.7	24.3
600 °C	11.2	-

Types Of DIN 2503 Flange

Check DIN 2503 PN40 Plate Flange Dimensions & Weight Chart

DIN 2503 PN40 Flange Dimensions



Size in MM	Pipe Diameter	Bolts Holes	Wall Thickness	Diameter	Inside Diameter
DN	-	Number	B	D	D5
DN10	17.2	4	16	90	17.7
DN15	21.3	4	16	95	22
DN20	26.9	4	18	105	27.6
DN25	33.7	4	18	115	34.4
DN32	42.4	4	18	140	43.1
DN40	48.3	4	18	150	49
DN50	60.3	4	20	165	61.1

DN65	76.1	8	22	185	77.1
DN80	88.9	8	24	200	90.3
DN100	114.3	8	24	235	115.9
DN125	139.7	8	26	270	141.6
DN150	168.3	8	28	300	170.5
DN175	193.7	12	32	350	196.1
DN200	219.1	12	34	375	221.8
DN250	273	12	38	450	276.2
DN300	323.9	16	42	515	327.6
DN350	355.6	16	46	580	359.7
DN400	406.4	16	50	660	411
DN500	508	20	52	755	513.6
DN600	610	20	54	890	616.5
DN700	711	24	58	995	716
DN800	813	24	64	1140	818
DN900	914	28	70	1250	920
DN1000	1016	28	78	1360	1022

DIN 2503 PN40 Plate Flange Weight Chart

DN	Weight in KG
DN10	0.69
DN15	0.77
DN20	1.05
DN25	1.25
DN32	1.83
DN40	2.09
DN50	2.74
DN65	3.48
DN80	4.33
DN100	5.61
DN125	7.6
DN150	9.58
DN175	14.45
DN200	16.9
DN250	26.51
DN300	36.38
DN350	52.83
DN400	74.71
DN500	86.87
DN600	121.84
DN700	150.93
DN800	219.08
DN900	271.16
DN1000	344.95

Bolt Circle Diameter Of DIN 2503 PN40 Slip On Flange

Size in MM	Bolt Holes Diameter	Pipe Diameter	Bolt Cirlce Diameter
DN	D2	-	K
DN10	14	17.2	60
DN15	14	21.3	65
DN20	14	26.9	75
DN25	14	33.7	85
DN32	18	42.4	100
DN40	18	48.3	110
DN50	18	60.3	125
DN65	18	76.1	145
DN80	18	88.9	160
DN100	22	114.3	190
DN125	26	139.7	220
DN150	26	168.3	250
DN175	30	193.7	295
DN200	30	219.1	320
DN250	33	273	385
DN300	33	323.9	450
DN350	36	355.6	510
DN400	39	406.4	585
DN500	42	508	670
DN600	48	610	795
DN700	48	711	900
DN800	56	813	1030
DN900	56	914	1140
DN1000	56	1016	1250

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