



SANMAC

1/2"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes
PN6	80mm	55mm	4	M10	11mm
PN10	95mm	65mm	4	M12	14mm
PN16	95mm	65mm	4	M12	14mm
PN25	95mm	65mm	4	M12	14mm
PN40	95mm	65mm	4	M12	14mm
PN64	105mm	75mm	4	M12	14mm
Table D	3 3/4" (95mm)	2 5/8" (67mm)	4	1/2" (13mm)	9/16" (14mm)
Table E	3 3/4" (95mm)	2 5/8" (67mm)	4	1/2" (13mm)	9/16" (14mm)
Table F	3 3/4" (95mm)	2 5/8" (67mm)	4	1/2" (13mm)	9/16" (14mm)
Table H	4 1/2" (114mm)	3 1/4" (83mm)	4	5/8" (16mm)	11/16" (17mm)
ANSI 125/150	3 1/2" (89mm)	2 3/8" (60mm)	4	1/2" (13mm)	5/8" (16mm)
ANSI 300	3 3/4" (95mm)	2 5/8" (67mm)	4	1/2" (13mm)	5/8" (16mm)

3/4"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes
PN6	90mm	65mm	4	M10	11mm
PN10	105mm	75mm	4	M12	14mm
PN16	105mm	75mm	4	M12	14mm
PN25	105mm	75mm	4	M12	14mm
PN40	105mm	75mm	4	M12	14mm
PN64	130mm	90mm	4	M16	18mm
Table D	4" (102mm)	2 7/8" (73mm)	4	1/2" (13mm)	9/16" (14mm)
Table E	4" (102mm)	2 7/8" (73mm)	4	1/2" (13mm)	9/16" (14mm)
Table F	4" (102mm)	2 7/8" (73mm)	4	1/2" (13mm)	9/16" (14mm)
Table H	4 1/2" (114mm)	3 1/4" (83mm)	4	5/8" (16mm)	11/16" (14mm)
ANSI 125/150	3 7/8" (98mm)	2 3/4" (70mm)	4	1/2" (13mm)	5/8" (16mm)
ANSI 300	4 5/8" (117mm)	3 1/4" (83mm)	4	5/8" (16mm)	3/4" (19mm)

1"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes
PN6	100mm	75mm	4	M10	11mm
PN10	115mm	85mm	4	M12	14mm
PN16	115mm	85mm	4	M12	14mm
PN25	115mm	85mm	4	M12	14mm
PN40	115mm	85mm	4	M12	14mm
PN64	140mm	100mm	4	M16	18mm
Table D	4 1/2" (114mm)	3 1/4" (83mm)	4	1/2" (13mm)	9/16" (14mm)
Table E	4 1/2" (114mm)	3 1/4" (83mm)	4	1/2" (13mm)	9/16" (14mm)
Table F	4 3/4" (121mm)	3 7/16" (87mm)	4	5/8" (16mm)	11/16" (17mm)
Table H	4 3/4" (121mm)	3 7/16" (87mm)	4	5/8" (16mm)	11/16" (17mm)
ANSI 125/150	4 1/4" (108mm)	3 1/8" (79mm)	4	1/2" (13mm)	5/8" (16mm)
ANSI 300	4 7/8" (124mm)	3 1/2" (89mm)	4	5/8" (16mm)	3/4" (19mm)

1 1/4"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes
PN6	120mm	90mm	4	M12	14mm
PN10	140mm	100mm	4	M16	18mm
PN16	140mm	100mm	4	M16	18mm
PN25	140mm	100mm	4	M16	18mm
PN40	140mm	100mm	4	M16	18mm
PN64	155mm	110mm	4	M20	22mm
Table D	4 3/4" (121mm)	3 7/16" (87mm)	4	1/2" (13mm)	9/16" (14mm)
Table E	4 3/4" (121mm)	3 7/16" (87mm)	4	1/2" (13mm)	9/16" (14mm)
Table F	5 1/4" (133mm)	3 7/8" (98mm)	4	5/8" (16mm)	11/16" (17mm)
Table H	5 1/4" (133mm)	3 7/8" (98mm)	4	5/8" (16mm)	11/16" (17mm)
ANSI 125/150	4 5/8" (117mm)	3 1/2" (89mm)	4	1/2" (13mm)	5/8" (16mm)
ANSI 300	5 1/4" (133mm)	3 7/8" (98mm)	4	5/8" (16mm)	3/4" (19mm)

1 1/2"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes
PN6	130mm	100mm	4	M12	14mm
PN10	150mm	110mm	4	M16	18mm
PN16	150mm	110mm	4	M16	18mm
PN25	150mm	110mm	4	M16	18mm
PN40	150mm	110mm	4	M16	18mm
PN64	170mm	125mm	4	M20	22mm
Table D	5 1/4" (133mm)	3 7/8" (98mm)	4	1/2" (13mm)	9/16" (14mm)
Table E	5 1/4" (133mm)	3 7/8" (98mm)	4	1/2" (13mm)	9/16" (14mm)
Table F	5 1/2" (140mm)	4 1/8" (105mm)	4	5/8" (16mm)	11/16" (17mm)
Table H	5 1/2" (140mm)	4 1/8" (105mm)	4	5/8" (16mm)	11/16" (17mm)
ANSI 125/150	5" (127mm)	3 7/8" (98mm)	4	1/2" (13mm)	5/8" (16mm)
ANSI 300	6 1/8" (156mm)	4 1/4" (114mm)	4	3/4" (19mm)	7/8" (22mm)

2"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes
PN6	140mm	110mm	4	M12	14mm
PN10	165mm	125mm	4	M16	18mm
PN16	165mm	125mm	4	M16	18mm
PN25	165mm	125mm	4	M16	18mm
PN40	165mm	125mm	4	M16	18mm
PN64	180mm	135mm	4	M20	22mm
Table D	6" (152mm)	4 1/2" (114mm)	4	5/8" (16mm)	11/16" (17mm)
Table E	6" (152mm)	4 1/2" (114mm)	4	5/8" (16mm)	11/16" (17mm)
Table F	6 1/2" (165mm)	5" (127mm)	4	5/8" (16mm)	11/16" (17mm)
Table H	6 1/2" (165mm)	5" (127mm)	4	5/8" (16mm)	11/16" (17mm)
ANSI 125/150	6" (152mm)	4 3/4" (121mm)	4	5/8" (16mm)	3/4" (19mm)
ANSI 300	6 1/2" (165mm)	5" (127mm)	4	5/8" (16mm)	3/4" (19mm)



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2 1/2"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes
PN6	160mm	130mm	4	M14	14mm
PN10	185mm	145mm	4	M18	18mm
PN16	185mm	145mm	4	M18	18mm
PN25	185mm	145mm	8	M18	18mm
PN40	185mm	145mm	8	M18	18mm
PN64	205mm	160mm	8	M22	22mm
Table D	6 1/2" (165mm)	5" (127mm)	4	5/8" (16mm)	11/16" (17mm)
Table E	6 1/2" (165mm)	5" (127mm)	4	5/8" (16mm)	11/16" (17mm)
Table F	7 1/4" (184mm)	5 3/4" (146mm)	8	5/8" (16mm)	11/16" (17mm)
Table H	7 1/4" (184mm)	5 3/4" (146mm)	8	5/8" (16mm)	11/16" (17mm)
ANSI 125/150	7" (178mm)	5 1/2" (140mm)	4	5/8" (16mm)	3/4" (19mm)
ANSI 300	7 1/2" (191mm)	5 7/8" (149mm)	8	3/4" (19mm)	7/8" (22mm)

4"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes
PN6	210mm	170mm	4	M16	18mm
PN10	220mm	180mm	8	M16	18mm
PN16	220mm	180mm	8	M16	18mm
PN25	235mm	190mm	8	M20	22mm
PN40	235mm	190mm	8	M20	22mm
PN64	250mm	200mm	8	M24	26mm
Table D	8 1/2" (216mm)	7" (178mm)	4	5/8" (16mm)	11/16" (17mm)
Table E	8 1/2" (216mm)	7" (178mm)	8	5/8" (16mm)	11/16" (17mm)
Table F	9" (229mm)	7 1/2" (191mm)	8	5/8" (16mm)	11/16" (17mm)
Table H	9" (229mm)	7 1/2" (191mm)	8	5/8" (16mm)	11/16" (17mm)
ANSI 125/150	9" (229mm)	7 1/2" (191mm)	8	5/8" (16mm)	3/4" (19mm)
ANSI 300	10" (254mm)	7 7/8" (200mm)	8	3/4" (19mm)	7/8" (22mm)

6"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes
PN6	265mm	225mm	8	M16	18mm
PN10	285mm	240mm	8	M20	22mm
PN16	285mm	240mm	8	M20	22mm
PN25	300mm	250mm	8	M24	26mm
PN40	300mm	250mm	8	M24	26mm
PN64	345mm	280mm	8	M30	33mm
Table D	11" (279mm)	9 1/4" (235mm)	8	5/8" (16mm)	11/16" (17mm)
Table E	11" (279mm)	9 1/4" (235mm)	8	3/4" (19mm)	7/8" (22mm)
Table F	12" (305mm)	10 1/4" (260mm)	12	3/4" (19mm)	7/8" (22mm)
Table H	12" (305mm)	10 1/4" (260mm)	12	3/4" (19mm)	7/8" (22mm)
ANSI 125/150	11" (279mm)	9 1/2" (241mm)	8	3/4" (19mm)	7/8" (22mm)
ANSI 300	12 1/2" (318mm)	10 5/8" (270mm)	12	3/4" (19mm)	7/8" (22mm)

3"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes
PN6	190mm	150mm	4	M16	18mm
PN10	200mm	160mm	8	M16	18mm
PN16	200mm	160mm	8	M16	18mm
PN25	200mm	160mm	8	M16	18mm
PN40	200mm	160mm	8	M16	18mm
PN64	215mm	170mm	8	M20	22mm
Table D	7 1/4" (184mm)	5 3/4" (146mm)	4	5/8" (16mm)	11/16" (17mm)
Table E	7 1/4" (184mm)	5 3/4" (146mm)	4	5/8" (16mm)	11/16" (17mm)
Table F	8" (203mm)	6 1/2" (165mm)	8	5/8" (16mm)	11/16" (17mm)
Table H	8" (203mm)	6 1/2" (165mm)	8	5/8" (16mm)	11/16" (17mm)
ANSI 125/150	7 1/2" (191mm)	6" (152mm)	4	5/8" (16mm)	3/4" (19mm)
ANSI 300	8 1/4" (210mm)	6 5/8" (168mm)	8	3/4" (19mm)	7/8" (22mm)

5"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes
PN6	240mm	200mm	4	M16	18mm
PN10	250mm	210mm	8	M16	18mm
PN16	250mm	210mm	8	M16	18mm
PN25	270mm	220mm	8	M24	26mm
PN40	270mm	220mm	8	M24	26mm
PN64	295mm	240mm	8	M27	30mm
Table D	10" (254mm)	8 1/4" (210mm)	8	5/8" (16mm)	11/16" (17mm)
Table E	10" (254mm)	8 1/4" (210mm)	8	5/8" (16mm)	11/16" (17mm)
Table F	11" (279mm)	9 1/4" (235mm)	8	3/4" (19mm)	7/8" (22mm)
Table H	11" (279mm)	9 1/4" (235mm)	8	3/4" (19mm)	7/8" (22mm)
ANSI 125/150	10" (254mm)	8 1/2" (216mm)	8	3/4" (19mm)	7/8" (22mm)
ANSI 300	11" (279mm)	9 1/4" (235mm)	8	3/4" (19mm)	7/8" (22mm)

8"	Flange Diameter	PCD	No. of Bolt Holes	Diameter of Bolts	Diameter of Holes
PN6	320mm	280mm	8	M16	18mm
PN10	340mm	295mm	8	M20	22mm
PN16	340mm	295mm	12	M20	22mm
PN25	360mm	310mm	12	M24	26mm
PN40	375mm	320mm	12	M27	30mm
PN64	415mm	345mm	12	M33	36mm
Table D	13 1/4" (337mm)	11 1/2" (292mm)	8	5/8" (16mm)	11/16" (17mm)
Table E	13 1/4" (337mm)	11 1/2" (292mm)	8	3/4" (19mm)	7/8" (22mm)
Table F	14 1/2" (368mm)	12 3/4" (324mm)	12	3/4" (19mm)	7/8" (22mm)
Table H	14 1/2" (368mm)	12 3/4" (324mm)	12	3/4" (19mm)	7/8" (22mm)
ANSI 125/150	13 1/2" (343mm)	11 3/4" (298mm)	8	3/4" (19mm)	7/8" (22mm)
ANSI 300	15" (381mm)	13" (330mm)	12	7/8" (22mm)	1" (25mm)