

CLARKSON KNIFE GATE VALVES

FIGURE 952

AS 2129 D bolting details for F952 lugged style knife gate valves



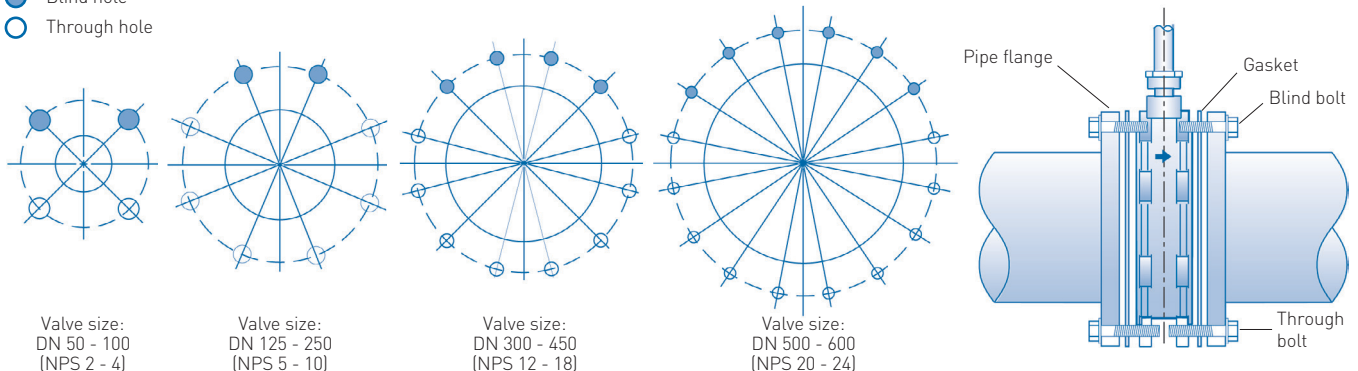
NOTES

- All fasteners are I.S.O. metric coarse pitch series high tensile hexagon head bolts.
- Bolt lengths are based on the following:
- Minimum flange thickness is per AS 2129 Table D carbon steel flanges.
 - Gasket thickness based on 1.5 mm (1/16").
 - Adequate allowance has been made for flat washers.
 - If a deflection cone is fitted add it's thickness to the required bolt length as no allowance has been made for it.
 - It is important that correct bolt sizes be used especially in the indicated blind holes as bottoming could cause damage to the chest area.
 - The above information has been derived from AS 2129 flange for pipes, valves and fittings. It is intended as a guide only to aid in the selection of suitable bolt lengths and studs for AS 2129 D mating flanges. Whilst every care has been taken in the compilation of these tables no guarantee is given, nor liability accepted for their accuracy.

F952 BOLTING DETAILS FOR AS 2129 D

Valve size DN (NPS)	Through bolts		Blind bolts	
	Qty	Dia x pitch x length	Qty	Dia x pitch x length
50 (2)	4	M16 x 2.0 x 30	4	M16 x 2.0 x 25
65 (2½)	4	M16 x 2.0 x 30	4	M16 x 2.0 x 25
80 (3)	4	M16 x 2.0 x 30	4	M16 x 2.0 x 25
100 (4)	4	M16 x 2.0 x 30	4	M16 x 2.0 x 25
125 (5)	12	M16 x 2.0 x 35	4	M16 x 2.0 x 30
150 (6)	12	M16 x 2.0 x 40	4	M16 x 2.0 x 30
200 (8)	12	M16 x 2.0 x 40	4	M16 x 2.0 x 35
250 (10)	12	M20 x 2.5 x 45	4	M20 x 2.5 x 35
300 (12)	16	M20 x 2.5 x 50	8	M20 x 2.5 x 40
350 (14)	16	M24 x 3.0 x 55	8	M24 x 3.0 x 40
400 (16)	16	M24 x 3.0 x 55	8	M24 x 3.0 x 45
450 (18)	16	M24 x 3.0 x 60	8	M24 x 3.0 x 45
500 (20)	20	M24 x 3.0 x 65	12	M24 x 3.0 x 55
600 (24)	20	M27 x 3.0 x 70	12	M27 x 3.0 x 55

- Blind hole
- Through hole



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