

ALL PRODUCT DIMENSIONS ARE BEFORE COATING

MATERIAL SPECIFICATION REFERENCE DRAWING ONLY - NOT TO BE USED FOR INSPECTION PURPOSES DO NOT SCALE

FLANGE (Part 1)
 STEEL to BS EN10025-2 GRADE S275JR
END RING (Part 2)
 STEEL to BS EN10025-2 GRADE S275JR
CENTRE SLEEVE (Part 3)
 STEEL to BS EN10025-2 GRADE S355JR
GASKET (Part 4)
 RUBBER 70 HARDNESS
 Grade to suit service
STUDS (Part 5)
 STEEL to BS EN ISO898-1 PROPERTY CLASS 4.8
NUTS (Part 6)
 STEEL to BS4190 GRADE 4
WASHERS (Part 7)
 STAINLESS STEEL to BSI449:PART 2 GRADE 304S15

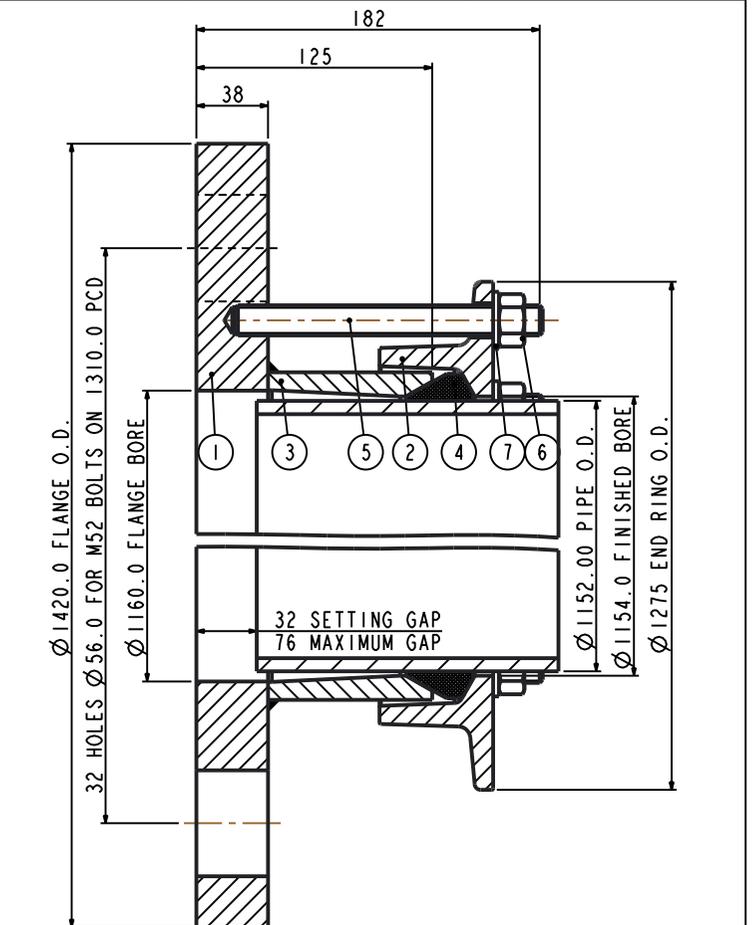
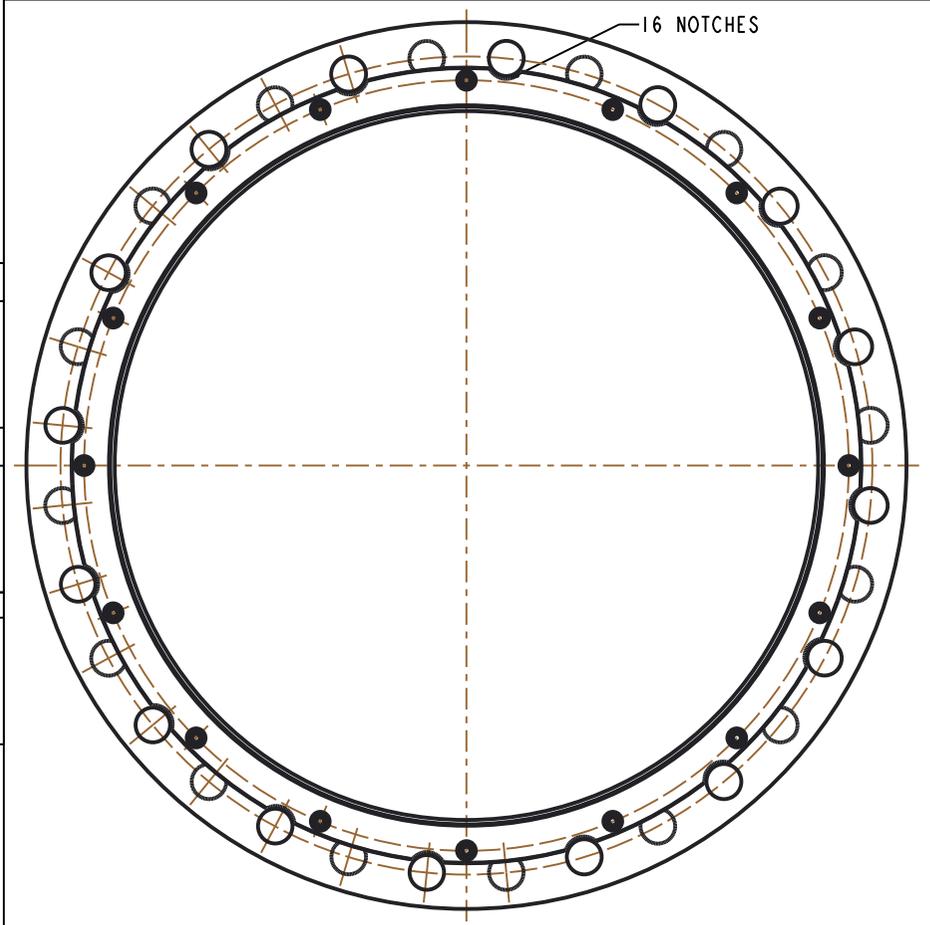
FINISH SPECIFICATION

NOTES

STUD TORQUES
 Torque to 95-120Nm or 70-90 lbf ft

ISOMETRIC VIEW

NOTCHING REQUIREMENTS FOR CAST AND DUCTILE IRON PIPE MATERIALS			NOTCHING REQUIREMENTS FOR ALL OTHER PIPE MATERIALS		
FLANGE HOLES	MINIMUM	CALCULATED MINIMUM	FLANGE HOLES	MINIMUM	CALCULATED MINIMUM
ALL FLANGE DRILLINGS	HALF THE NUMBER OF FLANGE HOLES	CALCULATED USING A YIELD OF 725N/mm ²	FLANGES WITH 16 HOLES OR LESS	4	CALCULATED USING A YIELD OF 725N/mm ²
			FLANGES WITH MORE THAN 16 HOLES	QUARTER THE NUMBER OF FLANGE HOLES	CALCULATED USING A YIELD OF 725N/mm ²



PIPE O.D.	PIPE MATERIAL	PIPE TOLERANCE		FLANGE DRILLING	STUDS NO-SIZE	GASKET MOULD	NO OF NOTCHES	WORKING PRESSURE	TEST PRESSURE	SECTION	WEIGHT KG	ASSEMBLY DRG NO
		+	-									
1152.00	DUCTILE IRON	1.00	6.00	1100PN25	16-M16x160	J121M	16	25.0bar	37.5bar	A2E	201.6	6175.86

OVERALL DIMENSIONS DRAWING FOR REFERENCE ONLY
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OVERALL DIMENSIONS OF VIKING JOHNSON FLANGE ADAPTOR A2E SECTION FOR A 1152.00mm PIPE O.D. WITH A 1100PN25 FLANGE DRILLING

RELEASE LEVEL: Released

VIKING JOHNSON
 World leaders in pipe joints and repair products

DRAWN	AUTO	SCALE	0.476
DATE	20/03/19	GENERIC	6175_A2E_ODIMS.1

DRG NO SKP11272-1