REV	DATE	DCC NO
14	4/7/25 GB	1355

INSERTION DEPTH DEPTH CHANGE 13200/10&11

DO NOT SCALE | IF IN DOUBT ASK | CATEGORY A & B - PRINTS TO BE KEPT UNTIL PRODUCT CHANGE. CATEGORY C - PRINTS TO BE DESTROYED AFTER PRODUCT MANUFACTURE | DRAWING SCALE 0.250

MATERIAL SPECIFICATION

CENTRE SLEEVE (Part 1)
Ductile Iron to BS EN1563:1997
Symbol EN-GJS-450-10

END RINGS (Parts 2 &10)
Ductile Iron to BS EN1563:1997
Symbol EN-GJS-450-10

CARRIERS (Parts 3 & 11)
Acetal Co-polymer Grade C2521
or equivalent

GRIPPERS (Parts 4 & 12)
Acetal Co-polymer Grade C9021
or equivalent

GASKETS (Parts 5 & 13)
Rubber (70 IRHD)
Grade to suit service

BOLTS (Parts 6 & 14)
Stainless Steel to BS EN ISO3506-1:1998
Grade A2 Property Class 80 or
Grade A2 Property Class 70 or
Grade A4 Property Class 80 or
Grade A4 Property Class 70

NUTS (Parts 7 & 15)
Stainless Steel to BS EN ISO3506-2:1:1998
Grade A4 Property Class 80

WASHERS (Parts 8 & 16)
Stainless Steel to BS1449:Part 2:1983
Grade 304S15 or
Stainless Steel to BS EN ISO3506-1:1998
Grade A2 Property Class 50 or
Grade A4 Property Class 50

'O' SEAL GASKETS (Parts 9 & 17)
As specified by order

FINISH SPECIFICATION

CENTRE SLEEVE (Part 1)
Rilsan Nylon 11

END RINGS (Parts 2 &10)
Rilsan Nylon 11

BOLTS (Parts 6 & 14)
Dry Film Lubricant

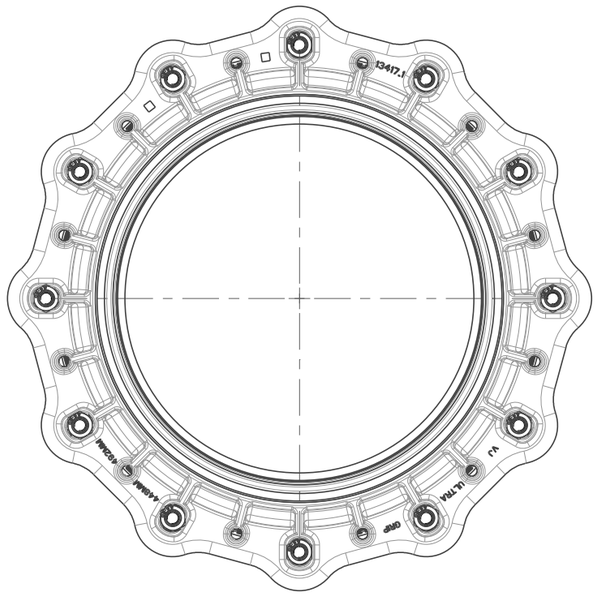
NUTS (Parts 7 & 15)
Dacromet 500

NOTES

Bolt Torques
M16 = 95-120Nm

Pipe Materials
Gripping and Non-Gripping (Flex)
Used without support liner
Steel
Ductile Iron
Cast Iron
PVC Class 4 DIN8062
Used with support liner
PE80
PE100
PVC - all other classes

Non-Gripping (Flex)
Used without support liner
Asbestos Cement



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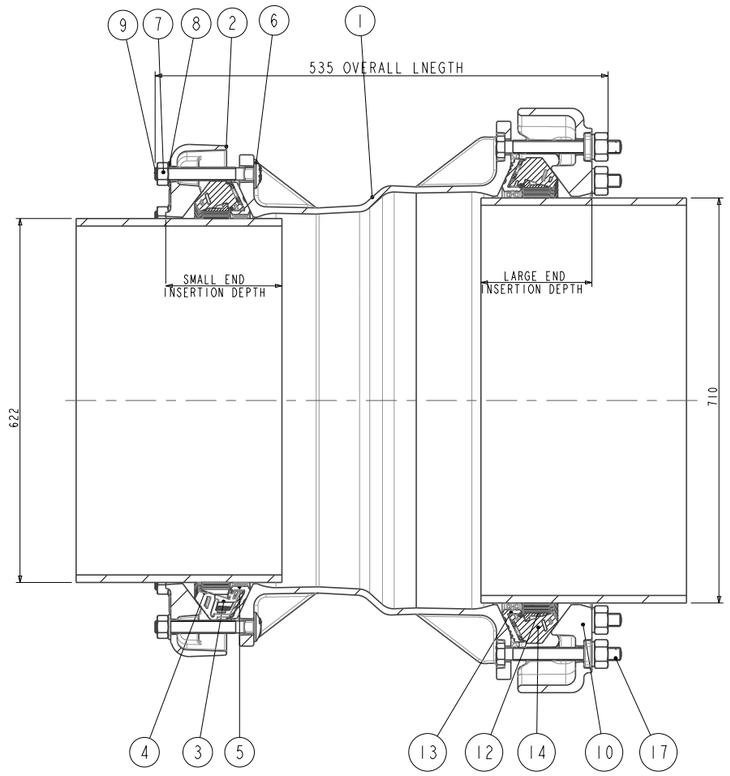
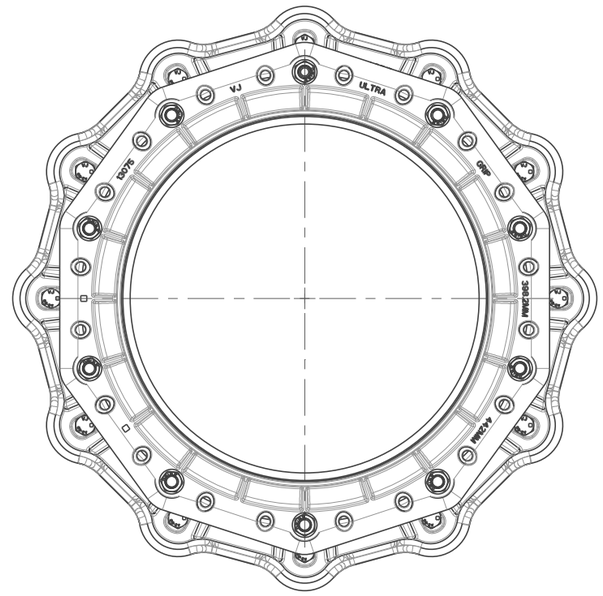


SECTION SI-SI



NOM SIZE		PIPE O.D. RANGE		WORKING PRESSURE				WEIGHT KG	ASSEMBLY DRG NO
				WATER		GAS			
SMALL END	LARGE END	SMALL END	LARGE END	GRIPPING	FLEX	GRIPPING	FLEX		
400	450	398-442	448-492	10	10	n/a	n/a	118	13200_10

SMALL END						LARGE END					
NO OFF CARRIERS	NO OFF GRIPPERS	GASKET MOULD	BOLTS NO-SIZExLEN	INSERTION DEPTH MIN	INSERTION DEPTH MAX	NO OFF CARRIERS	NO OFF GRIPPERS	GASKET MOULD	BOLTS NO-SIZExLEN	INSERTION DEPTH MIN	INSERTION DEPTH MAX
77	77	13129_12	10-M16x120	135	200	82	82	13447	12-M16x140	135	215

DIMENSIONAL TOLERANCES
UNLESS OTHERWISE STATED
GENERAL TOLERANCE ±1.0mm
ANGLES ±1°
DRILLED HOLES U.T.I. 20mm ±0.25mm; OVER 20mm ±0.5mm
RUBBER MOULDINGS TO BS3734:1978 CLASS M2

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CRANE A Crane Co Company ©

OVERALL DIMENSIONS OF ULTRAGRIP TTEPPED COUPLING ASSEMBLY FOR 398-442mm TO 448-492mm PIPE O.D. RANGE

VIKING JOHNSON
World leaders in pipe joints and repair products

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DATE	9/9/25	REVISION	

DRG O_DIM_13200_10_2 REV 14

RELEASE LEVEL : | SHEET 1 OF 1