

ALL PRODUCT DIMENSIONS ARE BEFORE COATING

REFERENCE DRAWING ONLY - NOT TO BE USED FOR INSPECTION PURPOSES

DO NOT SCALE

MATERIAL SPECIFICATION

FLANGE ADAPTOR (Part 1)
Ductile Iron to BS EN1563
Symbol EN-GJS-450-10

END RING (Part 2)
Ductile Iron to BS EN1563
Symbol EN-GJS-450-10

CARRIER (Part 3)
Acetal Co-polymer Grade C2521
or equivalent

GRIPPER (Part 4)
Acetal Co-polymer Grade C9021
or equivalent

GASKET (Part 5)
70 IRHD Moulded Compound
Grade to suit service

BOLTS (Part 6)
Stainless Steel to BS EN ISO3506-1
Grade A2 Property Class 70 or
Grade A2 Property Class 80 or
Grade A4 Property Class 70 or
Grade A4 Property Class 80

NUTS (Part 7)
Stainless Steel to BS EN ISO3506-2
Grade A4 Property Class 80

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

'O' SEAL GASKET (Part 9)
As specified by order

REVERSIBLE WASHER (Part 10)
Aluminium AC3A Die Cast

PROTECTION CAP (Part 11)
Polypropylene

FINISH SPECIFICATION

FLANGE ADAPTOR (Part 1)
Rilsan Nylon 11

END RING (Part 2)
Rilsan Nylon 11

BOLTS (Part 6)
Dry Film Lubricant

NUTS (Part 7)
Dacromet 500

NOTES

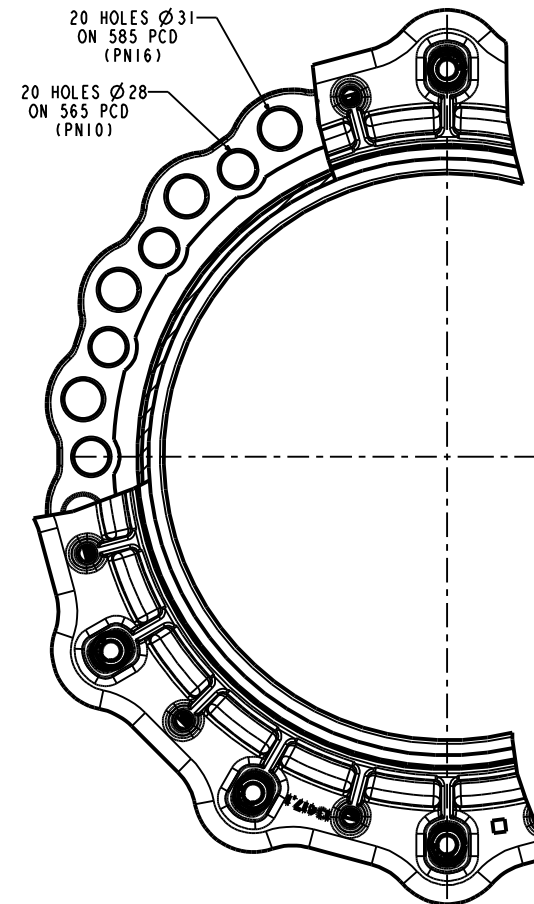
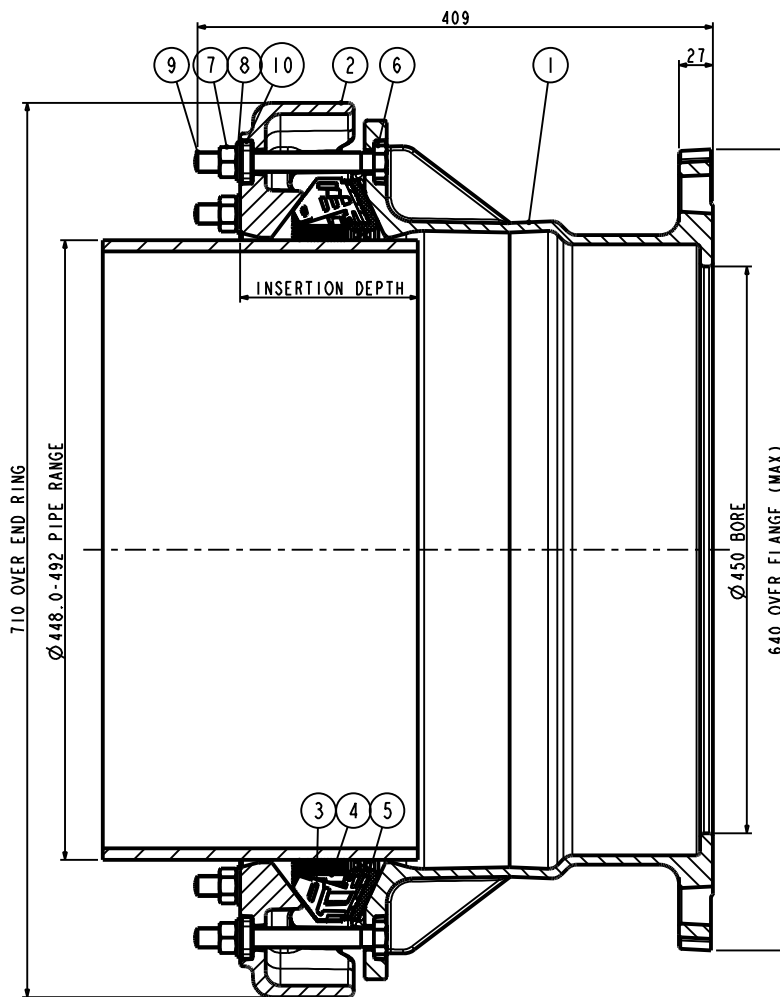
Bolt Torques
M16 = 95-120Nm

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
GRP

ISOMETRIC VIEW



ASSEMBLY DRG NO	NOM SIZE	PIPE O.D. RANGE	FLANGE DRILLING	WORKING PRESSURE				NO OFF CARRIERS/ GRIPPERS	GASKET MOULD	BOLTS		INSERTION DEPTH		WEIGHT KG
				WATER	FLEX	GAS	FLEX			NO OFF	SIZExLEN	MIN	MAX	
13199_23	450	448-492	450 PN10, 16	10	10	N/A	N/A	82	13447	12	M16x140	135	215	101

OVERALL DIMENSIONS DRAWING
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CRANE A Crane Co Company

OVERALL DIMENSIONS OF
ULTRAGRIP FLANGE ADAPTOR
FOR 448-492 mm O.D. PIPE RANGE
WITH 450 PN10, 16 FLANGE

RELEASE LEVEL:

SHEET 1 OF 1

VIKING JOHNSON
World leaders in pipe joints and repair products

DRAWN	SCALE	0.100
DATE	30-Mar-15	GENERIC 0.DIM.13199_23.2

DRG NO 0.DIM.13199_23_2