

ISSUE	ALTERATION	DATE & INITIAL	ATD NO
A	ISSUED TO CUSTOMER	19:6:18PN	

SPECIFICATION DRAWING ONLY. NOT TO BE USED FOR INSPECTION PURPOSES.

ALL PRODUCT DIMENSIONS ARE BEFORE COATING



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)  
Rubber 70 IRHD  
Grade to suit service

BOLTS (Part 6)  
Stainless Steel to BS EN3506-1  
Grade A2 Property Class 80 or  
Grade A2 Property Class 70 or  
Grade A4 Property Class 80 or  
Grade A4 Property Class 70

NUTS (Part 7)  
Stainless Steel to BS EN3506-2  
Grade A4 Property Class 80

WASHERS (Part 8)  
Stainless Steel to BS1449:Part 2  
Grade 304S15 or  
Stainless Steel to BS EN3506-1  
Grade A2 Property Class 50 or  
Grade A4 Property Class 50

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

PROTECTION CAPS (Part 10)  
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

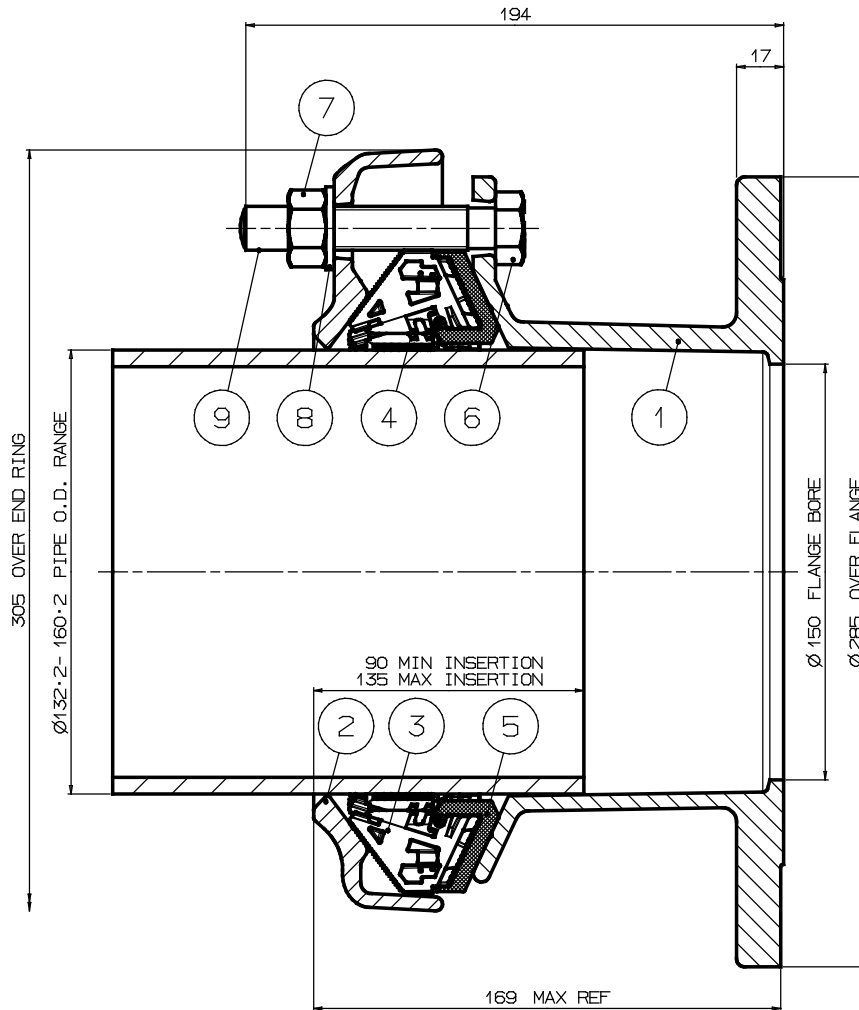
Bolt Torque = 95-120Nm.

Pipe Materials

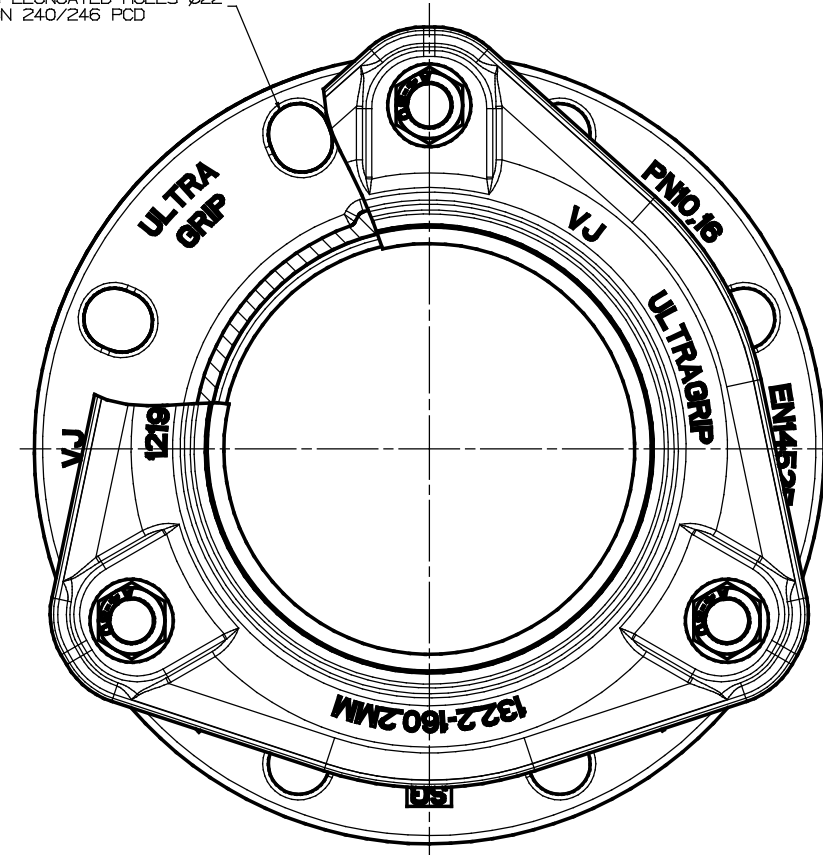
Gripping and Non-Gripping (Flex)  
Used without Support Liner  
Steel, Ductile Iron, Cast Iron,  
PVC Class 4 DIN8062

Used with Support Liner  
PEBO, PE100, PVC - all other classes

Non-Gripping (Flex)  
Used without Support Liner  
Asbestos Cement, GRP



8 ELONGATED HOLES Ø22  
ON 240/246 PCD



NOM SIZE	PIPE O.D. RANGE	FLANGE DRILLING	WORKING PRESSURES				WEIGHT KG	ASSEMBLY DRG NO	NO OFF CARRIERS	NO OFF GRIPPERS	GASKET MOULD	BOLTS NO-SIZExLEN
			WATER		GAS							
			GRIPPING	FLEX	GRIPPING	FLEX						
125	132·2-160·2	150 PN10, 16	16bar	16bar	5bar	5bar	12·7	13199/22	35	35	13214/7	3-M16x90

#### DIMENSIONAL TOLERANCES

UNLESS OTHERWISE STATED

GENERAL TOLERANCE  $\pm 0.05$ mm  
ANGLES  $\pm 1^\circ$   
DRILLED HOLES U.T.I. 20mm  $\pm 0.25$ mm OVER 20mm  $\pm 0.5$ mm  
RUBBER MOLDINGS TO BS3754/1978 CLASS M2

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**CRANE** A Crane Co Company



TITLE

OVERALL DIMENSIONS OF  
ULTRAGRIP FLANGE ADAPTOR ASSEMBLY  
FOR 132·2-160·2mm PIPE O.D. RANGE  
WITH 150 PN10,16 FLANGE



**VIKING JOHNSON**  
*(World leaders in pipe joint's and repair products)*

DRAWN	CAD	DATE	19:6:18
SCALE	N.T.S.	P.N.	APPROVED
CHECKED			

DRG NO. SKC 30326-2

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