

| 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)
Polypropelene

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

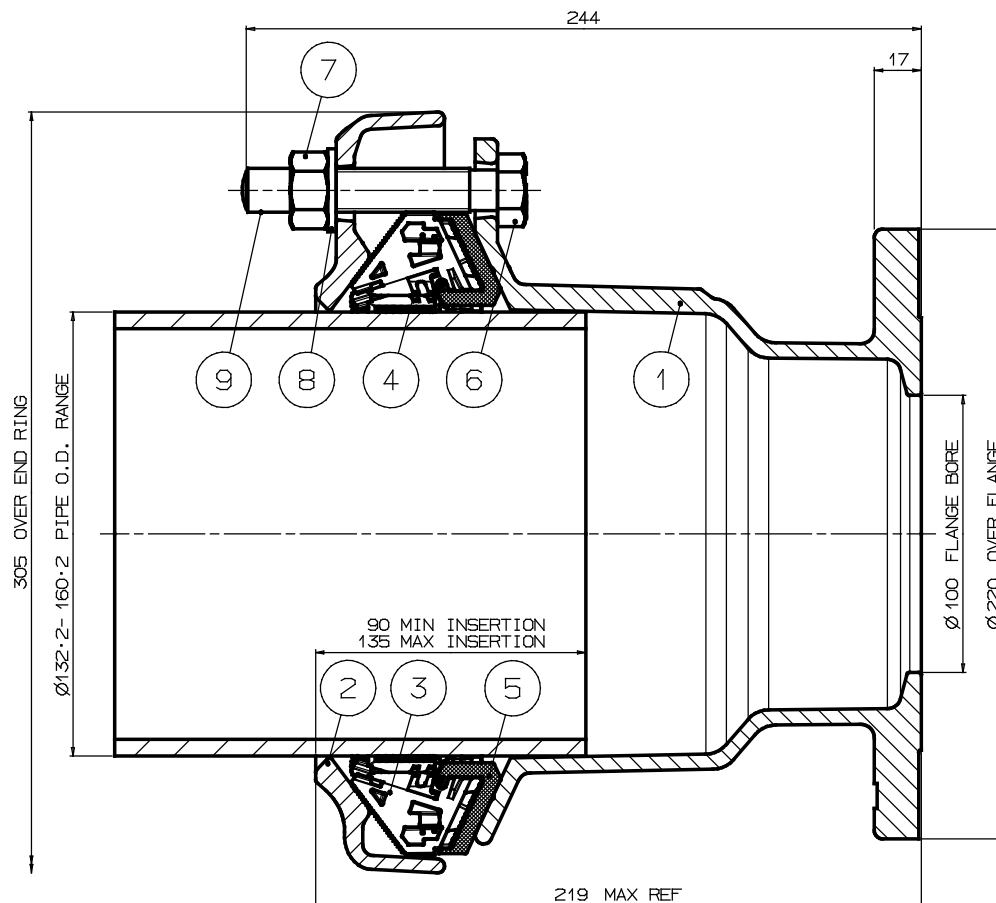
NOTES

Bolt Torque = 95-120Nm.

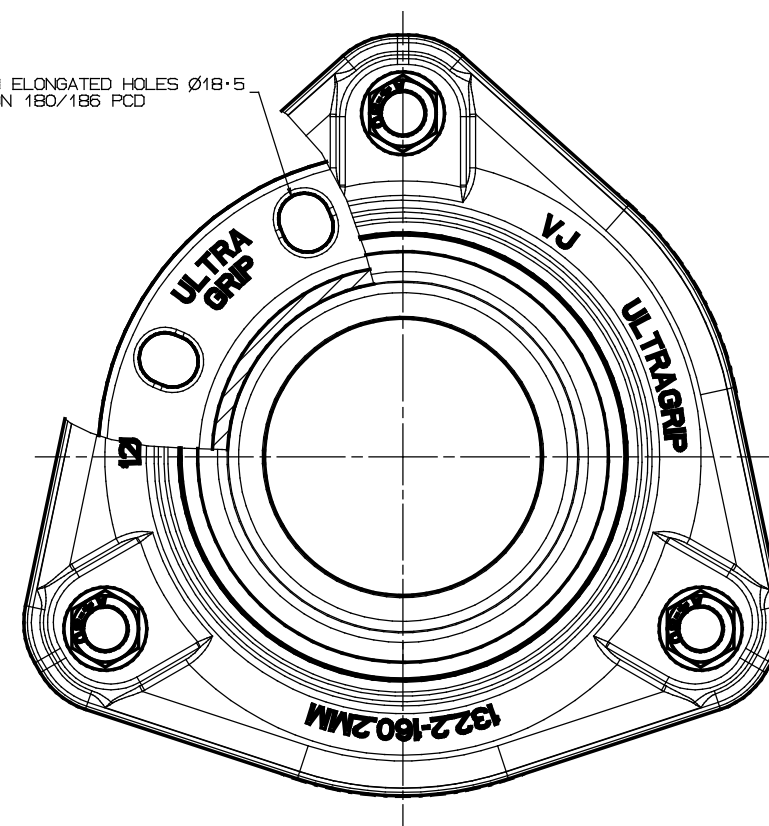
Pipe Materials

Gripping and Non-Gripping (Flex)
Used without Support Liner
Steel, Ductile Iron, Cast Iron,
PVC Class 4 DIN8062
Used with Support Liner
PE80, PE100, PVC - all other classes

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



8 ELONGATED HOLES Ø18•5
ON 180/186 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-SIZE×LEN |
|-------------|--------------------|--------------------|-------------------|-------|----------|------|--------------|--------------------|--------------------|--------------------|-----------------|----------------------|
| | | | WATER | | GAS | | | | | | | |
| | | | GRIPPING | FLEX | GRIPPING | FLEX | | | | | | |
| 125 | 132·2-160·2 | 100 PN10, 16 | 16bar | 16bar | 5bar | 5bar | 11·6 | 13199/21 | 35 | 35 | 13214/7 | 3-M16×90 |

DIMENSIONAL TOLERANCES

UNLESS OTHERWISE STATED

GENERAL TOLERANCE ± 0.05 mm
ANGLES $\pm 1^\circ$
DRILLED HOLES U.T.I. 20mm ± 0.25 mm OVER 20mm ± 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 100 PN10,16 FLANGE



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

DRG NO. SKC 30325-2

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