



# TECHNICAL SPECIFICATION OF Core stuffing

## BNS DHANSIRI

| Ser | Particulars                                  | Description   |
|-----|--|---|
| 1.  | Name of item                                 | Core stuffing   |
| 2.  | Quantity                                     | 12  |
| 3.  | Part/Patt/Drawing no                         | 135 C01 003   |
| 4.  | <b>Name of Main Equipment</b>                | Engine Diesel, MTU 20V538 TB91  |
| 5.  | Equipment Brand                              | MTU   |
| 6.  | Equipment Model                              | 20V538 TB91   |
| 7.  | Equipment Serial no                          | 20SMO-538-9002  |
| 8.  | Country of Origin<br><b>(Main Equipment)</b> | Germany   |
| 9.  | Country of Manufacture                       | Germany   |
| 10. | Year of Manufacture <b>(Spares)</b>          | 2021 or Later   |
| 11. | Source of Supply                             | To be mentioned   |
| 12. | Port of Shipment                             | To be mentioned   |
| 13. | Manufacture's Name & Address                 | MTU FRIEDRICHSHAFEN GMBH, Germany   |
| 14. | Supplier/Local Agent                         | Man Bangladesh  |
| 15. | Certificate & Document of Authentication     | a. OEM Certificate<br>b. Authorized distributor Certificate<br>c. Authenticity and Genuineness Certificate<br>d. Warranty Certificate<br>e. Classification society/Standard Certificate |
| 16. | Packing/Labeling                             | To be packed and labeled for international shipping   |
| 17. | Warranty                                     | At least 12 months from date and acceptance   |
| 18. | Installation/Compatibility/Interfacing       | Item to be installed by supplier if applicable  |
| 19. | Site Visit (Focal Point)                     | The interested bidder may visit the Eqpt/machine site if it is required   |
| 20. | Picture                                      |   |

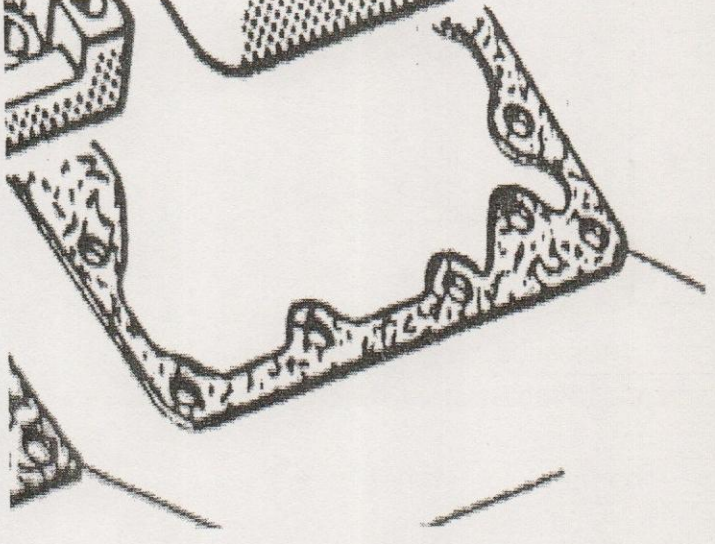
104407

  
ASHRAF UDDIN  
CERA  
Engineer Officer  
BNS DHANSIRI



# TECHNICAL SPECIFICATION OF *Gasket*

## BNS DHANSIRI

| Ser | Particulars                                  | Description   |
|-----|--|---|
| 1.  | Name of item                                 | Gasket  |
| 2.  | Quantity                                     | 02  |
| 3.  | Part/Patt/Drawing no                         | 131 D08 003   |
| 4.  | <b>Name of Main Equipment</b>                | Engine Diesel, MTU 20V538 TB91  |
| 5.  | Equipment Brand                              | MTU   |
| 6.  | Equipment Model                              | 20V538 TB91   |
| 7.  | Equipment Serial no                          | 20SMO-538-9002  |
| 8.  | Country of Origin<br><b>(Main Equipment)</b> | Germany   |
| 9.  | Country of Manufacture                       | Germany   |
| 10. | Year of Manufacture <b>(Spares)</b>          | 2021 or Later   |
| 11. | Source of Supply                             | To be mentioned   |
| 12. | Port of Shipment                             | To be mentioned   |
| 13. | Manufacture's Name & Address                 | MTU FRIEDRICHSHAFEN GMBH, Germany   |
| 14. | Supplier/Local Agent                         | Man Bangladesh  |
| 15. | Certificate & Document of Authentication     | a. OEM Certificate<br>b. Authorized distributor Certificate<br>c. Authenticity and Genuineness Certificate<br>d. Warranty Certificate<br>e. Classification society/Standard Certificate |
| 16. | Packing/Labeling                             | To be packed and labeled for international shipping   |
| 17. | Warranty                                     | At least 12 months from date and acceptance   |
| 18. | Installation/Compatibility/Interfacing       | Item to be installed by supplier if applicable  |
| 19. | Site Visit (Focal Point)                     | The interested bidder may visit the Eqpt/machine site if it is required   |
| 20. | Picture                                      |   |

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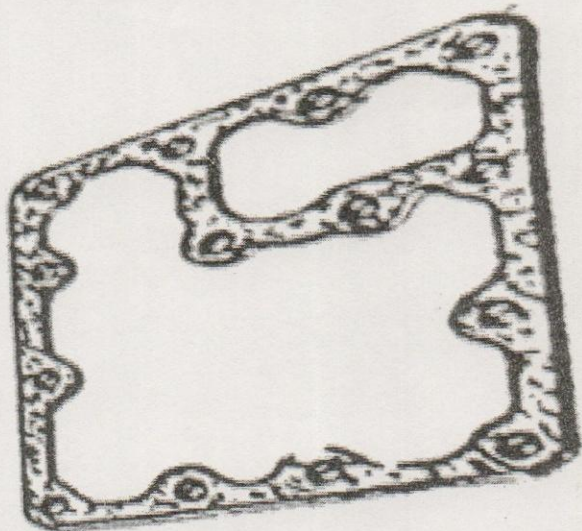
15/11/23

  
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CERA  
Engineer Officer  
BNS DHANSIRI



# TECHNICAL SPECIFICATION OF Gasket

## BNS DHANSIRI

| Ser | Particulars                                  | Description   |
|-----|--|---|
| 1.  | Name of item                                 | Gasket  |
| 2.  | Quantity                                     | 02  |
| 3.  | Part/Patt/Drawing no                         | 131 D08 002   |
| 4.  | <b>Name of Main Equipment</b>                | Engine Diesel, MTU 20V538 TB91  |
| 5.  | Equipment Brand                              | MTU   |
| 6.  | Equipment Model                              | 20V538 TB91   |
| 7.  | Equipment Serial no                          | 20SMO-538-9002  |
| 8.  | Country of Origin<br><b>(Main Equipment)</b> | Germany   |
| 9.  | Country of Manufacture                       | Germany   |
| 10. | Year of Manufacture <b>(Spares)</b>          | 2021 or Later   |
| 11. | Source of Supply                             | To be mentioned   |
| 12. | Port of Shipment                             | To be mentioned   |
| 13. | Manufacture's Name & Address                 | MTU FRIEDRICHSHAFEN GMBH, Germany   |
| 14. | Supplier/Local Agent                         | Man Bangladesh  |
| 15. | Certificate & Document of Authentication     | a. OEM Certificate<br>b. Authorized distributor Certificate<br>c. Authenticity and Genuineness Certificate<br>d. Warranty Certificate<br>e. Classification society/Standard Certificate |
| 16. | Packing/Labeling                             | To be packed and labeled for international shipping   |
| 17. | Warranty                                     | At least 12 months from date and acceptance   |
| 18. | Installation/Compatibility/Interfacing       | Item to be installed by supplier if applicable  |
| 19. | Site Visit (Focal Point)                     | The interested bidder may visit the Eqpt/machine site if it is required   |
| 20. | Picture                                      |   |

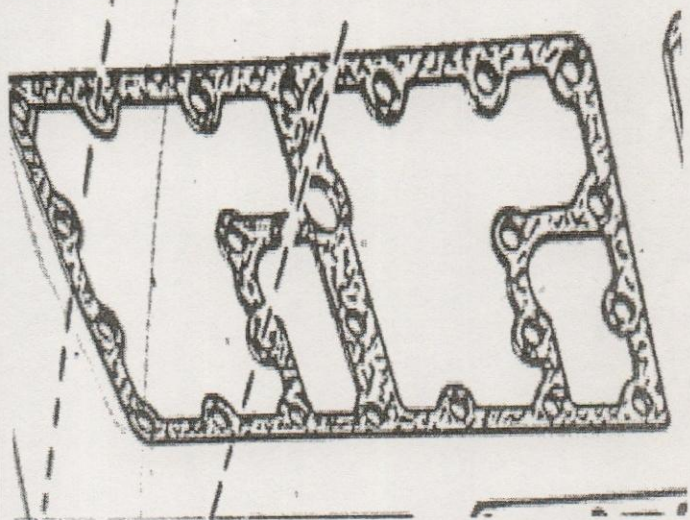
104404

  
ASHRAF UDDIN  
CERA  
Engineer Officer  
BNS DHANSIRI




# TECHNICAL SPECIFICATION OF Gasket

## BNS DHANSIRI

| Ser | Particulars                                  | Description   |
|-----|--|---|
| 1.  | Name of item                                 | Gasket  |
| 2.  | Quantity                                     | 04  |
| 3.  | Part/Patt/Drawing no                         | 135 D08 005   |
| 4.  | <b>Name of Main Equipment</b>                | Engine Diesel, MTU 20V538 TB91  |
| 5.  | Equipment Brand                              | MTU   |
| 6.  | Equipment Model                              | 20V538 TB91   |
| 7.  | Equipment Serial no                          | 20SMO-538-9002  |
| 8.  | Country of Origin<br><b>(Main Equipment)</b> | Germany   |
| 9.  | Country of Manufacture                       | Germany   |
| 10. | Year of Manufacture <b>(Spares)</b>          | 2021 or Later   |
| 11. | Source of Supply                             | To be mentioned   |
| 12. | Port of Shipment                             | To be mentioned   |
| 13. | Manufacture's Name & Address                 | MTU FRIEDRICHSHAFEN GMBH, Germany   |
| 14. | Supplier/Local Agent                         | Man Bangladesh  |
| 15. | Certificate & Document of Authentication     | a. OEM Certificate<br>b. Authorized distributor Certificate<br>c. Authenticity and Genuineness Certificate<br>d. Warranty Certificate<br>e. Classification society/Standard Certificate |
| 16. | Packing/Labeling                             | To be packed and labeled for international shipping   |
| 17. | Warranty                                     | At least 12 months from date and acceptance   |
| 18. | Installation/Compatibility/Interfacing       | Item to be installed by supplier if applicable  |
| 19. | Site Visit (Focal Point)                     | The interested bidder may visit the Eqpt/machine site if it is required   |
| 20. | Picture                                      |   |

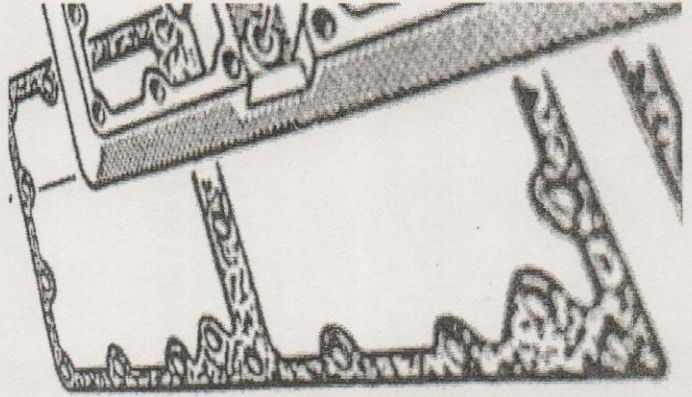
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Engineer Officer  
BNS DHANSIRI




# TECHNICAL SPECIFICATION OF Gasket

## BNS DHANSIRI

| Ser | Particulars                                  | Description   |
|-----|--|---|
| 1.  | Name of item                                 | Gasket  |
| 2.  | Quantity                                     | 02  |
| 3.  | Part/Patt/Drawing no                         | 135 D08 003   |
| 4.  | <b>Name of Main Equipment</b>                | Engine Diesel, MTU 20V538 TB91  |
| 5.  | Equipment Brand                              | MTU   |
| 6.  | Equipment Model                              | 20V538 TB91   |
| 7.  | Equipment Serial no                          | 20SMO-538-9002  |
| 8.  | Country of Origin<br><b>(Main Equipment)</b> | Germany   |
| 9.  | Country of Manufacture                       | Germany   |
| 10. | Year of Manufacture <b>(Spares)</b>          | 2021 or Later   |
| 11. | Source of Supply                             | To be mentioned   |
| 12. | Port of Shipment                             | To be mentioned   |
| 13. | Manufacture's Name & Address                 | MTU FRIEDRICHSHAFEN GMBH, Germany   |
| 14. | Supplier/Local Agent                         | Man Bangladesh  |
| 15. | Certificate & Document of Authentication     | a. OEM Certificate<br>b. Authorized distributor Certificate<br>c. Authenticity and Genuineness Certificate<br>d. Warranty Certificate<br>e. Classification society/Standard Certificate |
| 16. | Packing/Labeling                             | To be packed and labeled for international shipping   |
| 17. | Warranty                                     | At least 12 months from date and acceptance   |
| 18. | Installation/Compatibility/Interfacing       | Item to be installed by supplier if applicable  |
| 19. | Site Visit (Focal Point)                     | The interested bidder may visit the Eqpt/machine site if it is required   |
| 20. | Picture                                      |   |

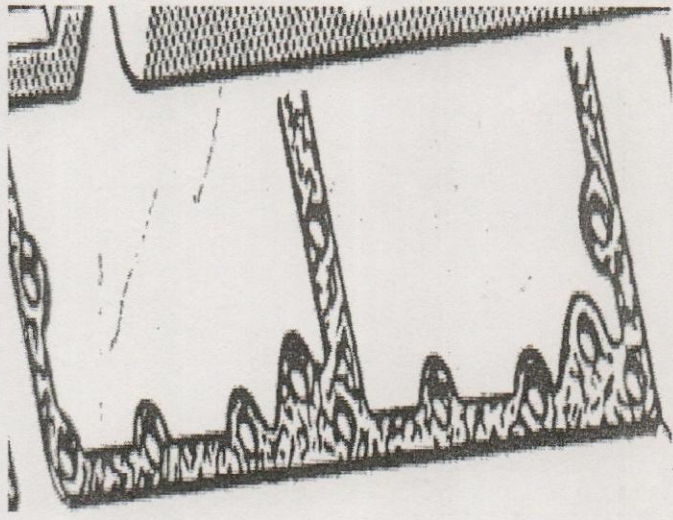
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Engineer Officer  
BNS DHANSIRI



# TECHNICAL SPECIFICATION OF ~~Gasket~~

## BNS DHANSIRI

| Ser | Particulars                                  | Description   |
|-----|--|---|
| 1.  | Name of item                                 | Gasket  |
| 2.  | Quantity                                     | 02  |
| 3.  | Part/Patt/Drawing no                         | 135 D08 004   |
| 4.  | <b>Name of Main Equipment</b>                | Engine Diesel, MTU 20V538 TB91  |
| 5.  | Equipment Brand                              | MTU   |
| 6.  | Equipment Model                              | 20V538 TB91   |
| 7.  | Equipment Serial no                          | 20SMO-538-9002  |
| 8.  | Country of Origin<br><b>(Main Equipment)</b> | Germany   |
| 9.  | Country of Manufacture                       | Germany   |
| 10. | Year of Manufacture <b>(Spares)</b>          | 2021 or Later   |
| 11. | Source of Supply                             | To be mentioned   |
| 12. | Port of Shipment                             | To be mentioned   |
| 13. | Manufacture's Name & Address                 | MTU FRIEDRICHSHAFEN GMBH, Germany   |
| 14. | Supplier/Local Agent                         | Man Bangladesh  |
| 15. | Certificate & Document of Authentication     | a. OEM Certificate<br>b. Authorized distributor Certificate<br>c. Authenticity and Genuineness Certificate<br>d. Warranty Certificate<br>e. Classification society/Standard Certificate |
| 16. | Packing/Labeling                             | To be packed and labeled for international shipping   |
| 17. | Warranty                                     | At least 12 months from date and acceptance   |
| 18. | Installation/Compatibility/Interfacing       | Item to be installed by supplier if applicable  |
| 19. | Site Visit (Focal Point)                     | The interested bidder may visit the Eqpt/machine site if it is required   |
| 20. | Picture                                      |   |

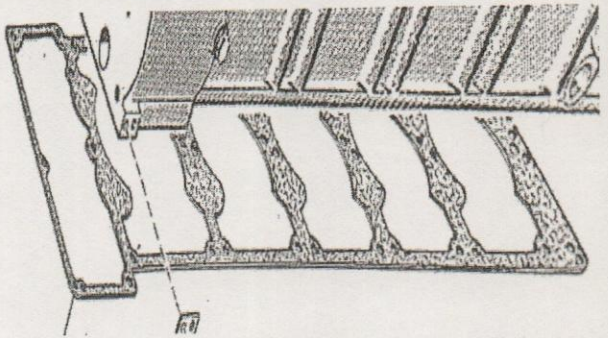
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Engineer Officer  
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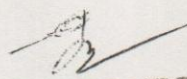


# TECHNICAL SPECIFICATION OF GASKET

## BNS DHANSIRI

| Ser | Particulars                              | Description   |
|-----|--|---|
| 1.  | Name of item                             | Gasket  |
| 2.  | Quantity                                 | 01  |
| 3.  | Part/Patt/Drawing no                     | 137 D01 001   |
| 4.  | <b>Name of Main Equipment</b>            | Engine Diesel, MTU 20V538 TB91  |
| 5.  | Equipment Brand                          | MTU   |
| 6.  | Equipment Model                          | 20V538 TB91   |
| 7.  | Equipment Serial no                      | 20SMO-538-9002  |
| 8.  | Country of Origin<br>(Main Equipment)    | Germany   |
| 9.  | Country of Manufacture                   | Germany   |
| 10. | Year of Manufacture (Spares)             | 2021 or Later   |
| 11. | Source of Supply                         | To be mentioned   |
| 12. | Port of Shipment                         | To be mentioned   |
| 13. | Manufacture's Name & Address             | MTU FRIEDRICHSHAFEN GMBH,<br>Germany  |
| 14. | Supplier/Local Agent                     | Man Bangladesh  |
| 15. | Certificate & Document of Authentication | a. OEM Certificate<br>b. Authorized distributor Certificate<br>c. Authenticity and Genuineness Certificate<br>d. Warranty Certificate<br>e. Classification society/Standard Certificate |
| 16. | Packing/Labeling                         | To be packed and labeled for international shipping   |
| 17. | Warranty                                 | At least 12 months from date and acceptance   |
| 18. | Installation/Compatibility/Interfacing   | Item to be installed by supplier if applicable  |
| 19. | Site Visit (Focal Point)                 | The interested bidder may visit the Eqpt/machine site if it is required   |
| 20. | Picture                                  |   |

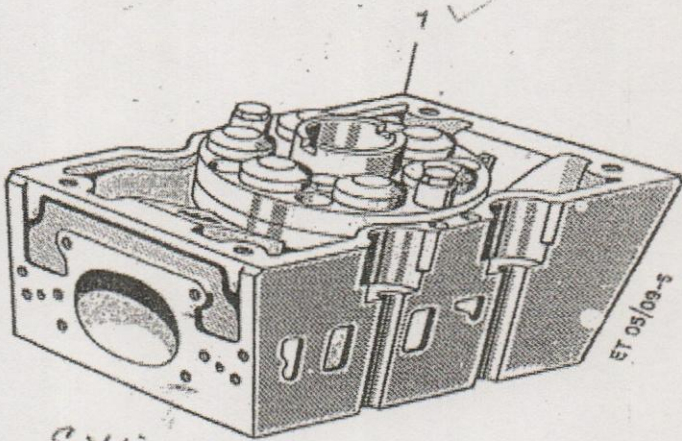
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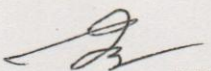
  
**ASHRAF UDDIN**  
 CERA  
 Engineer Officer  
 BNS DHANSIRI



# TECHNICAL SPECIFICATION OF ~~Cylinder~~ head

## BNS DHANSIRI

| Ser | Particulars                                  | Description   |
|-----|--|---|
| 1.  | Name of item                                 | Cylinder head   |
| 2.  | Quantity                                     | 02  |
| 3.  | Part/Patt/Drawing no                         | 561 010 5520  |
| 4.  | <b>Name of Main Equipment</b>                | Engine Diesel, MTU 20V538 TB91  |
| 5.  | Equipment Brand                              | MTU   |
| 6.  | Equipment Model                              | 20V538 TB91   |
| 7.  | Equipment Serial no                          | 20SMO-538-9002  |
| 8.  | Country of Origin<br><b>(Main Equipment)</b> | Germany   |
| 9.  | Country of Manufacture                       | Germany   |
| 10. | Year of Manufacture <b>(Spares)</b>          | 2021 or Later   |
| 11. | Source of Supply                             | To be mentioned   |
| 12. | Port of Shipment                             | To be mentioned   |
| 13. | Manufacture's Name & Address                 | MTU FRIEDRICHSHAFEN GMBH, Germany   |
| 14. | Supplier/Local Agent                         | Man Bangladesh  |
| 15. | Certificate & Document of Authentication     | a. OEM Certificate<br>b. Authorized distributor Certificate<br>c. Authenticity and Genuineness Certificate<br>d. Warranty Certificate<br>e. Classification society/Standard Certificate |
| 16. | Packing/Labeling                             | To be packed and labeled for international shipping   |
| 17. | Warranty                                     | At least 12 months from date and acceptance   |
| 18. | Installation/Compatibility/Interfacing       | Item to be installed by supplier if applicable  |
| 19. | Site Visit (Focal Point)                     | The interested bidder may visit the Eqpt/machine site if it is required   |
| 20. | Picture                                      |   |


  
 ASHRAF UDDIN  
 CERA  
 Engineer Officer  
 BNS DHANSIRI

104398



# TECHNICAL SPECIFICATION OF ~~Ring Sealing~~

**BNS DHANSIRI**

| Ser | Particulars                                  | Description   |
|-----|--|---|
| 1.  | Name of item                                 | Ring sealing  |
| 2.  | Quantity                                     | 02  |
| 3.  | Part/Patt/Drawing no                         | 135 C06 019   |
| 4.  | <b>Name of Main Equipment</b>                | Engine Diesel, MTU 20V538 TB91  |
| 5.  | Equipment Brand                              | MTU   |
| 6.  | Equipment Model                              | 20V538 TB91   |
| 7.  | Equipment Serial no                          | 20SMO-538-9002  |
| 8.  | Country of Origin<br><b>(Main Equipment)</b> | Germany   |
| 9.  | Country of Manufacture                       | Germany   |
| 10. | Year of Manufacture <b>(Spares)</b>          | 2021 or Later   |
| 11. | Source of Supply                             | To be mentioned   |
| 12. | Port of Shipment                             | To be mentioned   |
| 13. | Manufacture's Name & Address                 | MTU FRIEDRICHSHAFEN GMBH, Germany   |
| 14. | Supplier/Local Agent                         | Man Bangladesh  |
| 15. | Certificate & Document of Authentication     | a. OEM Certificate<br>b. Authorized distributor Certificate<br>c. Authenticity and Genuineness Certificate<br>d. Warranty Certificate<br>e. Classification society/Standard Certificate |
| 16. | Packing/Labeling                             | To be packed and labeled for international shipping   |
| 17. | Warranty                                     | At least 12 months from date and acceptance   |
| 18. | Installation/Compatibility/Interfacing       | Item to be installed by supplier if applicable  |
| 19. | Site Visit (Focal Point)                     | The interested bidder may visit the Eqpt/machine site if it is required   |
| 20. | Picture                                      |   |

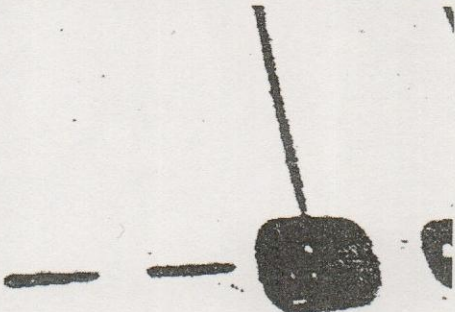
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 ASHRAF UDDIN  
 CERA  
 Engineer Officer  
 BNS DHANSIRI




# TECHNICAL SPECIFICATION OF RING SEALING

## BNS DHANSIRI

| Ser | Particulars                                  | Description   |
|-----|--|---|
| 1.  | Name of item                                 | Ring sealing  |
| 2.  | Quantity                                     | 12  |
| 3.  | Part/Patt/Drawing no                         | 561 011 0059  |
| 4.  | <b>Name of Main Equipment</b>                | Engine Diesel, MTU 20V538 TB91  |
| 5.  | Equipment Brand                              | MTU   |
| 6.  | Equipment Model                              | 20V538 TB91   |
| 7.  | Equipment Serial no                          | 20SMO-538-9002  |
| 8.  | Country of Origin<br><b>(Main Equipment)</b> | Germany   |
| 9.  | Country of Manufacture                       | Germany   |
| 10. | Year of Manufacture <b>(Spares)</b>          | 2021 or Later   |
| 11. | Source of Supply                             | To be mentioned   |
| 12. | Port of Shipment                             | To be mentioned   |
| 13. | Manufacture's Name & Address                 | MTU FRIEDRICHSHAFEN GMBH, Germany   |
| 14. | Supplier/Local Agent                         | Man Bangladesh  |
| 15. | Certificate & Document of Authentication     | a. OEM Certificate<br>b. Authorized distributor Certificate<br>c. Authenticity and Genuineness Certificate<br>d. Warranty Certificate<br>e. Classification society/Standard Certificate |
| 16. | Packing/Labeling                             | To be packed and labeled for international shipping   |
| 17. | Warranty                                     | At least 12 months from date and acceptance   |
| 18. | Installation/Compatibility/Interfacing       | Item to be installed by supplier if applicable  |
| 19. | Site Visit (Focal Point)                     | The interested bidder may visit the Eqpt/machine site if it is required   |
| 20. | Picture                                      |   |

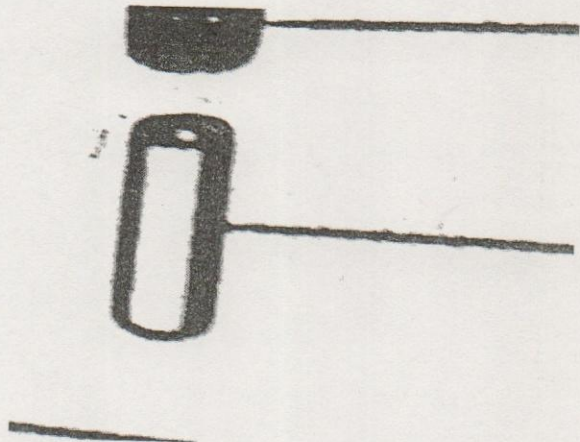
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ASHRAF UDDIN  
CERA  
Engineer Officer  
BNS DHANSIRI



# TECHNICAL SPECIFICATION OF ~~Sleeve~~

## BNS DHANSIRI

| Ser | Particulars                                  | Description   |
|-----|--|---|
| 1.  | Name of item                                 | Sleeve  |
| 2.  | Quantity                                     | 12  |
| 3.  | Part/Patt/Drawing no                         | 135 A45 008   |
| 4.  | <b>Name of Main Equipment</b>                | Engine Diesel, MTU 20V538 TB91  |
| 5.  | Equipment Brand                              | MTU   |
| 6.  | Equipment Model                              | 20V538 TB91   |
| 7.  | Equipment Serial no                          | 20SMO-538-9002  |
| 8.  | Country of Origin<br><b>(Main Equipment)</b> | Germany   |
| 9.  | Country of Manufacture                       | Germany   |
| 10. | Year of Manufacture <b>(Spares)</b>          | 2021 or Later   |
| 11. | Source of Supply                             | To be mentioned   |
| 12. | Port of Shipment                             | To be mentioned   |
| 13. | Manufacture's Name & Address                 | MTU FRIEDRICHSHAFEN GMBH, Germany   |
| 14. | Supplier/Local Agent                         | Man Bangladesh  |
| 15. | Certificate & Document of Authentication     | a. OEM Certificate<br>b. Authorized distributor Certificate<br>c. Authenticity and Genuineness Certificate<br>d. Warranty Certificate<br>e. Classification society/Standard Certificate |
| 16. | Packing/Labeling                             | To be packed and labeled for international shipping   |
| 17. | Warranty                                     | At least 12 months from date and acceptance   |
| 18. | Installation/Compatibility/Interfacing       | Item to be installed by supplier if applicable  |
| 19. | Site Visit (Focal Point)                     | The interested bidder may visit the Eqpt/machine site if it is required   |
| 20. | Picture                                      |   |

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ASHRAF UDDIN  
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Engineer Officer  
BNS DHANSIRI