



Blueferrite.com

Geometry

|                          |                     |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|--------------------------|---------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Nominal Dimensions       | Outer =>            | 16                       | 20                       | 25                       | 25                       | 30                       | 40                       | 40                       | 45                       | 50                       |
| mm                       | Inner =>            | 10                       | 12                       | 20                       | 16                       | 20                       | 32                       | 25                       | 30                       | 40                       |
|                          | Height =>           | 6                        | 8                        | 10                       | 10                       | 10                       | 15                       | 15                       | 20                       | 20                       |
|                          | <b>Permeability</b> |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|                          | <b>4000</b>         | <a href="#">D0016R04</a> | <a href="#">D0020R04</a> | <a href="#">D0025R04</a> | <a href="#">D0025R04</a> | <a href="#">D0030R04</a> | <a href="#">D0040R04</a> | <a href="#">D0040R04</a> | <a href="#">D0045R04</a> | <a href="#">D0050R04</a> |
|                          | <b>4000</b>         |                          |                          |                          |                          |                          |                          |                          |                          | <a href="#">D0050O04</a> |
| Saturation Current =>    |                     | 8                        | 10                       | 14                       | 13                       | 16                       | 23                       | 20                       | 23                       | 28                       |
| Peak $\hat{i}_{sat}$ / A | <b>30000</b>        | <a href="#">D0016R30</a> | <a href="#">D0020R30</a> | <a href="#">D0025R30</a> | <a href="#">D0025R30</a> | <a href="#">D0030R30</a> | <a href="#">D0040R30</a> | <a href="#">D0040R30</a> | <a href="#">D0045R30</a> | <a href="#">D0050R30</a> |
|                          | <b>30000</b>        |                          |                          |                          |                          |                          |                          |                          |                          | <a href="#">D0050O30</a> |
| Saturation Current =>    |                     | 1                        | 1                        | 2                        | 2                        | 2                        | 3                        | 3                        | 3                        | 4                        |
| Peak $\hat{i}_{sat}$ / A | <b>60000</b>        | <a href="#">D0016R60</a> | <a href="#">D0020R60</a> | <a href="#">D0025R60</a> | <a href="#">D0025R60</a> | <a href="#">D0030R60</a> | <a href="#">D0040R60</a> | <a href="#">D0040R60</a> | <a href="#">D0045R60</a> | <a href="#">D0050R60</a> |
|                          | <b>60000</b>        |                          |                          |                          |                          |                          |                          |                          |                          | <a href="#">D0050O60</a> |
| Saturation Current =>    |                     | 0,5                      | 0,7                      | 0,9                      | 0,9                      | 1                        | 1,5                      | 1,4                      | 1,6                      | 1,9                      |
| Peak $\hat{i}_{sat}$ / A |                     |                          |                          |                          |                          |                          |                          |                          |                          |                          |

Version 02 Version 01

Version 01 Version 02

Version 01



Blueferrite.com

Geometry

|                          |                     |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|--------------------------|---------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Nominal Dimensions       | Outer =>            | 50                       | 63                       | 80                       | 100                      | 130                      | 160                      | 200                      | 236                      | 300                      |
| mm                       | Inner =>            | 40                       | 50                       | 63                       | 80                       | 100                      | 130                      | 175                      | 200                      | 250                      |
|                          | Height =>           | 25                       | 30                       | 30                       | 30                       | 30                       | 30                       | 30                       | 30                       | 30                       |
|                          | <b>Permeability</b> |                          |                          |                          |                          |                          |                          |                          |                          |                          |
|                          | <b>4000</b>         | <a href="#">D0050R04</a> | <a href="#">D0063R04</a> | <a href="#">D0080R04</a> | <a href="#">D0100R04</a> | <a href="#">D0130R04</a> | <a href="#">D0160R04</a> | <a href="#">D0200R04</a> |                          |                          |
|                          | <b>4000</b>         | <a href="#">D0050O04</a> | <a href="#">D0063O04</a> | <a href="#">D0080O04</a> | <a href="#">D0100O04</a> | <a href="#">D0130O04</a> | <a href="#">D0160O04</a> | <a href="#">D0200O04</a> | <a href="#">D0236O04</a> | <a href="#">D0300O04</a> |
| Saturation Current =>    |                     | 28                       | 35                       | 45                       | 56                       | 72                       | 91                       | 117                      | 136                      | 172                      |
| Peak $\hat{I}_{sat}$ / A | <b>30000</b>        | <a href="#">D0050R30</a> | <a href="#">D0063R30</a> | <a href="#">D0080R30</a> | <a href="#">D0100R30</a> | <a href="#">D0130R30</a> | <a href="#">D0160R30</a> | <a href="#">D0200R30</a> |                          |                          |
|                          | <b>30000</b>        | <a href="#">D0050O30</a> | <a href="#">D0063O30</a> | <a href="#">D0080O30</a> | <a href="#">D0100O30</a> | <a href="#">D0130O30</a> | <a href="#">D0160O30</a> | <a href="#">D0200O30</a> | <a href="#">D0236O30</a> | <a href="#">D0300O30</a> |
| Saturation Current =>    |                     | 4                        | 5                        | 6                        | 8                        | 10                       | 12                       | 16                       | 18                       | 23                       |
| Peak $\hat{I}_{sat}$ / A | <b>60000</b>        | <a href="#">D0050R60</a> | <a href="#">D0063R60</a> | <a href="#">D0080R60</a> | <a href="#">D0100R60</a> | <a href="#">D0130R60</a> | <a href="#">D0160R60</a> | <a href="#">D0200R60</a> |                          |                          |
|                          | <b>60000</b>        | <a href="#">D0050O60</a> | <a href="#">D0063O60</a> | <a href="#">D0080O60</a> | <a href="#">D0100O60</a> | <a href="#">D0130O60</a> | <a href="#">D0160O60</a> | <a href="#">D0200O60</a> | <a href="#">D0236O60</a> | <a href="#">D0300O60</a> |
| Saturation Current =>    |                     | 1,9                      | 2,4                      | 3                        | 3,8                      | 4,8                      | 6                        | 7,8                      | 9,1                      | 11,5                     |
| Peak $\hat{I}_{sat}$ / A |                     |                          |                          |                          |                          |                          |                          |                          |                          |                          |

Version 02