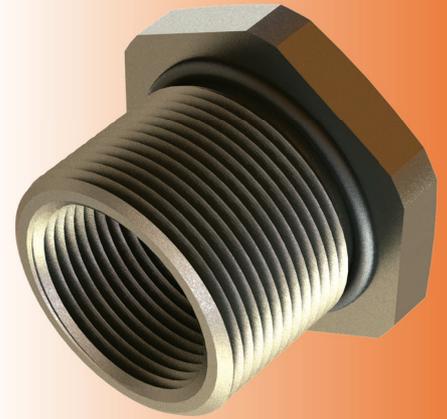


Reductores de rosca para aplicaciones Ex d/e

GRUS

| Detalles Técnicos | | |
|---|---|---|
| Material | Cuerpo | Latón niquelado, acero inoxidable 316L. |
| | O-Ring | CR (Cloropreno, caucho) ó Silicón. |
| Clasificación del Grado de Protección (IP) | IP 68 (5 bar, 30 min) IP 66 | |
| Temperatura de Operación | Material del O-ring | |
| | CR (Cloropreno) | Silicón |
| | Ex d/e/tb | -40°C a +100°C -60°C a +130°C |
| Accesorio para | Atmósferas de gases y polvos potencialmente explosivas | |
| Adecuado para su uso en zonas ATEX tipo: | Grupo II | Gases Grupo IIC ZONA 1/ZONA 2 |
| | Grupo III | Gases Grupo IIIC ZONA 21/ZONA 22 |
| Compatible con equipos marcados con protección: | Ex II 2GD Ex db IIC Gb Ex eb IIC Gb Ex tb IIIC Db. | |
| Ejemplo de marcado | "BMD B-RA.. CE 0722..... II 2GD Ex eb IIC Gb Ex tb IIIC Db Ta-40°C to +100°C IP66/68 CESI 13 ATEX 066X IECEX CES 13.0022X" | |
| Tipo de rosca | <ul style="list-style-type: none"> Métrica (M), de acuerdo a la norma ISO, paso de rosca igual a 1.5 NPT (N), de acuerdo a la norma ANSI ASME B1.20.1 PG, de acuerdo a la norma DIN 40430 (G) GAS de acuerdo a la norma UNI ISO 228/1 | |
| Accesorios | <ul style="list-style-type: none"> Junta tórica (gasket) | |
| Comentarios | <ul style="list-style-type: none"> O-ring incluido en modelos de rosca métrica (M). Todos los accesorios se venden por separado | |



| Aprobaciones | Número de certificado | Estándares |
|--------------|----------------------------|---|
| | CES113 ATEX 066X | EN 60079-0:2012+A11:2013 EN 60079-1:2014 EN 60079-7:2015 EN 60079-31:2014 |
| | IECEX CES 13.0022X | IEC 60079-0:2011 Edition:6 IEC 60079-1:2014 Edition:7 IEC 60079-31:2013 Edition:2 IEC 60079-7:2015 Edition:5 |
| | Nº TC RU C-TR.AA87.B.00941 | OCT 31610.0-2014 OCT IEC 60079-1:2013 OCT IEC 60079-31:2013 |
| | DNV 12.0150 X | ABNT NBR IEC 60079-0:2008 ABNT NBR IEC 60079-1:2009 ABNT NBR IEC 60079-7:2008 ABNT NBR IEC 60079-31:2011 |
| | E-14044 | IEC/EN60079-0 IEC/EN60079-7 IEC/EN60079-31 IEC/EN60079-1 IEC/EN 62444 |



Para más información visita nuestra página web: www.conectoresglandula.com

Reductores de rosca
Áreas Clasificadas

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GRUS

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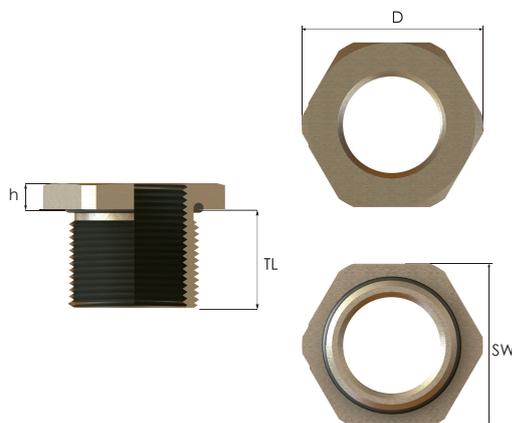
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SUMINISTROS DE ESPECIALIDAD

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Reductores de rosca para aplicaciones Ex d/e

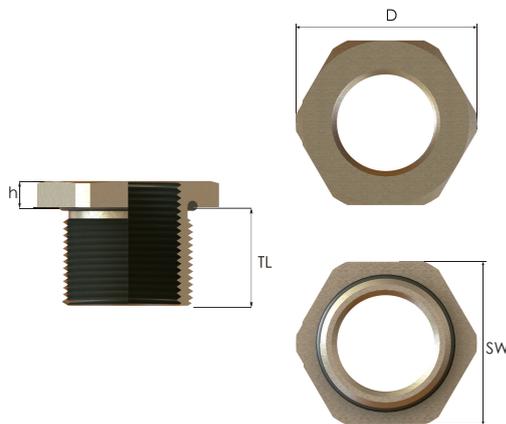


Reductor de rosca hembra Métrica a rosca macho Métrica, de acuerdo a la norma ISO 965-3

| Tamaño de rosca macho | Entrada de rosca hembra | Longitud de la rosca de salida TL mm | Ancho de llave inglesa SW mm | Diámetro exterior Ø D mm | Altura H mm | Número de parte |
|-----------------------|-------------------------|--|------------------------------------|--------------------------------|-------------------|-----------------|
| M20x1.5 | M16x1.5 | 15.0 | 25 | 27.5 | 4.0 | B-RA1M01M |
| M25x1.5 | M16x1.5 | 15.0 | 30 | 33.0 | 4.0 | B-RA2M01M |
| | M20x1.5 | 15.0 | 30 | 33.0 | 4.0 | B-RA2M1M |
| M32x1.5 | M16x1.5 | 15.0 | 36 | 39.5 | 4.0 | B-RA3M01M |
| | M20x1.5 | 15.0 | 36 | 39.5 | 4.0 | B-RA3M1M |
| | M25x1.5 | 15.0 | 36 | 39.5 | 4.0 | B-RA3M2M |
| M40x1.5 | M16x1.5 | 18.0 | 45 | 50.0 | 4.0 | B-RA4M01M |
| | M20x1.5 | 18.0 | 45 | 50.0 | 4.0 | B-RA4M1M |
| | M25x1.5 | 18.0 | 45 | 50.0 | 4.0 | B-RA4M2M |
| | M32x1.5 | 18.0 | 45 | 50.0 | 4.0 | B-RA4M3M |
| M50x1.5 | M16x1.5 | 18.0 | 55 | 61.0 | 5.0 | B-RA5M01M |
| | M20x1.5 | 18.0 | 55 | 61.0 | 5.0 | B-RA5M1M |
| | M25x1.5 | 18.0 | 55 | 61.0 | 5.0 | B-RA5M2M |
| | M32x1.5 | 18.0 | 55 | 61.0 | 5.0 | B-RA5M3M |
| | M40x1.5 | 18.0 | 55 | 61.0 | 5.0 | B-RA5M4M |
| M60x1.5 | M20x1.5 | 18.0 | 70 | 77.0 | 5.0 | B-RA6M01M |
| | M25x1.5 | 18.0 | 70 | 77.0 | 5.0 | B-RA6M2M |
| | M32x1.5 | 18.0 | 70 | 77.0 | 5.0 | B-RA6M3M |
| | M40x1.5 | 18.0 | 70 | 77.0 | 5.0 | B-RA6M4M |
| | M50x1.5 | 18.0 | 70 | 77.0 | 5.0 | B-RA6M5M |
| M63x1.5 | M20x1.5 | 18.0 | 70 | 77.0 | 5.0 | B-RA6M1M |
| | M25x1.5 | 18.0 | 70 | 77.0 | 5.0 | B-RA6M2M |
| | M32x1.5 | 18.0 | 70 | 77.0 | 5.0 | B-RA6M3M |
| | M40x1.5 | 18.0 | 70 | 77.0 | 5.0 | B-RA6M4M |
| | M50x1.5 | 18.0 | 70 | 77.0 | 5.0 | B-RA6M5M |
| M70x1.5 | M25x1.5 | 18.0 | 80 | 89.0 | 6.0 | B-RA7M02M |
| | M32x1.5 | 18.0 | 80 | 89.0 | 6.0 | B-RA7M03M |
| | M40x1.5 | 18.0 | 80 | 89.0 | 6.0 | B-RA7M04M |
| | M50x1.5 | 18.0 | 80 | 89.0 | 6.0 | B-RA7M05M |
| | M60x1.5 | 18.0 | 80 | 89.0 | 6.0 | B-RA7M06M |
| | M32x1.5 | 18.0 | 85 | 94.0 | 6.0 | B-RA7M3M |
| M75x1.5 | M40x1.5 | 18.0 | 85 | 94.0 | 6.0 | B-RA7M4M |
| | M50x1.5 | 18.0 | 85 | 94.0 | 6.0 | B-RA7M5M |
| | M60x1.5 | 18.0 | 85 | 94.0 | 6.0 | B-RA7M60M |
| | M63x1.5 | 18.0 | 85 | 94.0 | 6.0 | B-RA7M6M |
| M80x1.5 | M40x1.5 | 18.0 | 90 | 100.0 | 6.0 | B-RA8M04M |
| | M50x1.5 | 18.0 | 90 | 100.0 | 6.0 | B-RA8M05M |
| | M60x1.5 | 18.0 | 90 | 100.0 | 6.0 | B-RA8M06M |
| | M63x1.5 | 18.0 | 90 | 100.0 | 6.0 | B-RA8M06M |
| | M70x1.5 | 18.0 | 90 | 100.0 | 6.0 | B-RA8M070M |
| M85x1.5 | M50x1.5 | 21.0 | 95 | 105.0 | 8.0 | B-RA85M5M |
| | M60x1.5 | 21.0 | 95 | 105.0 | 8.0 | B-RA85M60M |
| | M63x1.5 | 21.0 | 95 | 105.0 | 8.0 | B-RA85M6M |
| | M70x1.5 | 21.0 | 95 | 105.0 | 8.0 | B-RA85M70M |
| | M75x1.5 | 21.0 | 95 | 105.0 | 8.0 | B-RA85M7M |
| M90x1.5 | M63x1.5 | 21.0 | 100 | 111.0 | 8.0 | B-RA8M6M |
| | M70x1.5 | 21.0 | 100 | 111.0 | 8.0 | B-RA8M70M |
| | M75x1.5 | 21.0 | 100 | 111.0 | 8.0 | B-RA8M7M |
| | M80x1.5 | 21.0 | 100 | 111.0 | 8.0 | B-RA8M80M |
| M100x1.5 | M80x1.5 | 21.0 | 110 | 123.0 | 10.0 | B-RA9M80M |
| | M85x1.5 | 21.0 | 110 | 123.0 | 10.0 | B-RA9M85M |
| | M90x1.5 | 21.0 | 110 | 123.0 | 10.0 | B-RA9M8M |
| M110x1.5 | M90x1.5 | 21.0 | 120 | 133.5 | 10.0 | B-RA10M8M |
| | M100x1.5 | 21.0 | 120 | 133.5 | 10.0 | B-RA10M9M |

GRUS

Reductores de rosca para aplicaciones Ex d/e



Reductor de rosca hembra NPT a macho Métrica, de acuerdo a la norma ANSI ASME B1.20.1 y a la norma ISO 965-3

| Tamaño de rosca macho | Entrada de rosca hembra | Longitud de la rosca de salida TL mm | Ancho de llave inglesa SW mm | Diámetro exterior Ø D mm | Altura H mm | Número de parte |
|-----------------------|-------------------------|--|------------------------------------|-----------------------------------|-------------------|-----------------|
| M20x1.5 | NPT 3/8" | 15.0 | 25 | 27.5 | 4.0 | B-RA1M01N |
| M25x1.5 | NPT 3/8" | 15.0 | 30 | 33.0 | 4.0 | B-RA2M01N |
| | NPT 1/2" | 15.0 | 30 | 33.0 | 4.0 | B-RA2M1N |
| M32x1.5 | NPT 3/8" | 15.0 | 36 | 39.5 | 4.0 | B-RA3M01N |
| | NPT 1/2" | 15.0 | 36 | 39.5 | 4.0 | B-RA3M1N |
| | NPT 3/4" | 15.0 | 36 | 39.5 | 4.0 | B-RA3M2N |
| M40x1.5 | NPT 3/8" | 18.0 | 45 | 50.0 | 4.0 | B-RA4M01N |
| | NPT 1/2" | 18.0 | 45 | 50.0 | 4.0 | B-RA4M1N |
| | NPT 3/4" | 18.0 | 45 | 50.0 | 4.0 | B-RA4M2N |
| M50x1.5 | NPT 3/8" | 18.0 | 55 | 61.0 | 5.0 | B-RA5M01N |
| | NPT 1/2" | 18.0 | 55 | 61.0 | 5.0 | B-RA5M1N |
| | NPT 3/4" | 18.0 | 55 | 61.0 | 5.0 | B-RA5M2N |
| M60x1.5 | NPT 3/8" | 18.0 | 70 | 77.0 | 5.0 | B-RA6M01N |
| | NPT 1/2" | 18.0 | 70 | 77.0 | 5.0 | B-RA6M1N |
| | NPT 3/4" | 18.0 | 70 | 77.0 | 5.0 | B-RA6M2N |
| | NPT 1" | 18.0 | 70 | 77.0 | 5.0 | B-RA6M3N |
| M63x1.5 | NPT 3/8" | 18.0 | 70 | 77.0 | 5.0 | B-RA6M01N |
| | NPT 1/2" | 18.0 | 70 | 77.0 | 5.0 | B-RA6M1N |
| | NPT 3/4" | 18.0 | 70 | 77.0 | 5.0 | B-RA6M2N |
| | NPT 1" | 18.0 | 70 | 77.0 | 5.0 | B-RA6M3N |
| M70x1.5 | NPT 3/8" | 18.0 | 80 | 89.0 | 6.0 | B-RA7M01N |
| | NPT 1/2" | 18.0 | 80 | 89.0 | 6.0 | B-RA7M1N |
| | NPT 3/4" | 18.0 | 80 | 89.0 | 6.0 | B-RA7M2N |
| | NPT 1" | 18.0 | 80 | 89.0 | 6.0 | B-RA7M3N |
| | NPT 1 1/4" | 18.0 | 80 | 89.0 | 6.0 | B-RA7M4N |
| M75x1.5 | NPT 1/2" | 18.0 | 80 | 89.0 | 6.0 | B-RA7M1N |
| | NPT 3/4" | 18.0 | 85 | 94.0 | 6.0 | B-RA7M2N |
| | NPT 1" | 18.0 | 85 | 94.0 | 6.0 | B-RA7M3N |
| | NPT 1 1/4" | 18.0 | 85 | 94.0 | 6.0 | B-RA7M4N |
| | NPT 1 1/2" | 18.0 | 85 | 94.0 | 6.0 | B-RA7M5N |
| M80x1.5 | NPT 3/4" | 18.0 | 90 | 100.0 | 6.0 | B-RA8M2N |
| | NPT 1" | 18.0 | 90 | 100.0 | 6.0 | B-RA8M3N |
| | NPT 1 1/4" | 18.0 | 90 | 100.0 | 6.0 | B-RA8M4N |
| | NPT 1 1/2" | 18.0 | 90 | 100.0 | 6.0 | B-RA8M5N |
| | NPT 2" | 18.0 | 90 | 100.0 | 6.0 | B-RA8M6N |
| M85x1.5 | NPT 1" | 21.0 | 95 | 105.0 | 8.0 | B-RA8M3N |
| | NPT 1 1/4" | 21.0 | 95 | 105.0 | 8.0 | B-RA8M4N |
| | NPT 1 1/2" | 21.0 | 95 | 105.0 | 8.0 | B-RA8M5N |
| | NPT 2" | 21.0 | 95 | 105.0 | 8.0 | B-RA8M6N |
| | NPT 2 1/2" | 21.0 | 95 | 105.0 | 8.0 | B-RA8M7N |
| M90x1.5 | NPT 1 1/4" | 21.0 | 100 | 111.0 | 8.0 | B-RA8M4N |
| | NPT 1 1/2" | 21.0 | 100 | 111.0 | 8.0 | B-RA8M5N |
| | NPT 2" | 21.0 | 100 | 111.0 | 8.0 | B-RA8M6N |
| | NPT 2 1/2" | 21.0 | 100 | 111.0 | 8.0 | B-RA8M7N |
| M100x1.5 | NPT 1 1/2" | 21.0 | 110 | 123.0 | 10.0 | B-RA9M5N |
| | NPT 2" | 21.0 | 110 | 123.0 | 10.0 | B-RA9M6N |
| | NPT 2 1/2" | 21.0 | 110 | 123.0 | 10.0 | B-RA9M7N |
| | NPT 3" | 21.0 | 110 | 123.0 | 10.0 | B-RA9M8N |
| M110x1.5 | NPT 2" | 21.0 | 120 | 133.5 | 10.0 | B-RA10M6N |
| | NPT 2 1/2" | 21.0 | 120 | 133.5 | 10.0 | B-RA10M7N |

Reductores de rosca para aplicaciones Ex d/e

Reductor de rosca hembra NPT a macho NPT, de acuerdo a la norma ANSI ASME B1.20.1

| Tamaño de rosca macho | Entrada de rosca hembra | Longitud de la rosca de salida | | Ancho de llave inglesa | | Diámetro exterior | | Altura | | Número de parte |
|-----------------------|-------------------------|--------------------------------|-------|------------------------|------|-------------------|--|--------|--|-----------------|
| | | TL mm | SW mm | Ø D mm | H mm | | | | | |
| NPT 1/2" | NPT 3/8" | 15.0 | 25 | 27.5 | 4.0 | B-RA1N01N | | | | |
| NPT 3/4" | NPT 3/8" | 15.0 | 30 | 33 | 4.0 | B-RA2N01N | | | | |
| | NPT 1/2" | 15.0 | 30 | 33 | 4.0 | B-RA2N11N | | | | |
| NPT 1" | NPT 3/8" | 15.0 | 36 | 39.5 | 4.0 | B-RA3N01N | | | | |
| | NPT 1/2" | 15.0 | 36 | 39.5 | 4.0 | B-RA3N11N | | | | |
| | NPT 3/4" | 15.0 | 36 | 39.5 | 4.0 | B-RA3N2N | | | | |
| NPT 1 1/4" | NPT 1/2" | 18.0 | 45 | 50 | 4.0 | B-RA4N11N | | | | |
| | NPT 3/4" | 18.0 | 45 | 50 | 4.0 | B-RA4N2N | | | | |
| | NPT 1" | 18.0 | 45 | 50 | 4.0 | B-RA4N3N | | | | |
| NPT 1 1/2" | NPT 3/4" | 18.0 | 55 | 61 | 5.0 | B-RA5N2N | | | | |
| | NPT 1" | 18.0 | 55 | 61 | 5.0 | B-RA5N3N | | | | |
| | NPT 1 1/4" | 18.0 | 55 | 61 | 5.0 | B-RA5N4N | | | | |
| NPT 2" | NPT 3/4" | 18.0 | 65 | 72 | 5.0 | B-RA6N2N | | | | |
| | NPT 1" | 18.0 | 65 | 72 | 5.0 | B-RA6N3N | | | | |
| | NPT 1 1/4" | 18.0 | 65 | 72 | 5.0 | B-RA6N4N | | | | |
| | NPT 1 1/2" | 18.0 | 65 | 72 | 5.0 | B-RA6N5N | | | | |
| NPT 2 1/2" | NPT 3/4" | 28.0 | 75 | 83 | 6.0 | B-RA7N2N | | | | |
| | NPT 1" | 28.0 | 75 | 83 | 6.0 | B-RA7N3N | | | | |
| | NPT 1 1/4" | 28.0 | 75 | 83 | 6.0 | B-RA7N4N | | | | |
| | NPT 1 1/2" | 28.0 | 75 | 83 | 6.0 | B-RA7N5N | | | | |
| | NPT 2" | 28.0 | 75 | 83 | 6.0 | B-RA7N6N | | | | |
| NPT 3" | NPT 1" | 28.0 | 95 | 105 | 8.0 | B-RA8N3N | | | | |
| | NPT 1 1/4" | 28.0 | 95 | 105 | 8.0 | B-RA8N4N | | | | |
| | NPT 1 1/2" | 28.0 | 95 | 105 | 8.0 | B-RA8N5N | | | | |
| | NPT 2" | 28.0 | 95 | 105 | 8.0 | B-RA8N6N | | | | |
| | NPT 2 1/2" | 28.0 | 95 | 105 | 8.0 | B-RA8N7N | | | | |
| NPT 3 1/2" | NPT 1 1/4" | 28.0 | 110 | 123 | 10.0 | B-RA9N4N | | | | |
| | NPT 1 1/2" | 28.0 | 110 | 123 | 10.0 | B-RA9N5N | | | | |
| | NPT 2" | 28.0 | 110 | 123 | 10.0 | B-RA9N6N | | | | |
| | NPT 2 1/2" | 28.0 | 110 | 123 | 10.0 | B-RA9N7N | | | | |
| | NPT 3" | 28.0 | 110 | 123 | 10.0 | B-RA9N8N | | | | |
| NPT 4" | NPT 1 1/2" | 28.0 | 120 | 133.5 | 10.0 | B-RA10N5N | | | | |
| | NPT 2" | 28.0 | 120 | 133.5 | 10.0 | B-RA10N6N | | | | |
| | NPT 2 1/2" | 28.0 | 120 | 133.5 | 10.0 | B-RA10N7N | | | | |
| | NPT 3" | 28.0 | 120 | 133.5 | 10.0 | B-RA10N8N | | | | |

Reductor de rosca hembra Métrica a macho NPT, de acuerdo a la norma ISO 965-3 y a la norma ANSI ASME B1.20.1

| Tamaño de rosca macho | Entrada de rosca hembra | Longitud de la rosca de salida | | Ancho de llave inglesa | | Diámetro exterior | | Altura | | Número de parte |
|-----------------------|-------------------------|--------------------------------|-------|------------------------|------|-------------------|--|--------|--|-----------------|
| | | TL mm | SW mm | Ø D mm | H mm | | | | | |
| NPT 1/2" | M16x1.5 | 15.0 | 25 | 27.5 | 4.0 | B-RA1N01M | | | | |
| NPT 3/4" | M16x1.5 | 15.0 | 30 | 33 | 4.0 | B-RA2N01M | | | | |
| | M20x1.5 | 15.0 | 30 | 33 | 4.0 | B-RA2N1M | | | | |
| NPT 1" | M16x1.5 | 15.0 | 36 | 39.5 | 4.0 | B-RA3N01M | | | | |
| | M20x1.5 | 15.0 | 36 | 39.5 | 4.0 | B-RA3N1M | | | | |
| | M25x1.5 | 15.0 | 36 | 39.5 | 4.0 | B-RA3N2M | | | | |
| NPT 1 1/4" | M16x1.5 | 18.0 | 45 | 50 | 4.0 | B-RA4N01M | | | | |
| | M20x1.5 | 18.0 | 45 | 50 | 4.0 | B-RA4N1M | | | | |
| | M25x1.5 | 18.0 | 45 | 50 | 4.0 | B-RA4N2M | | | | |
| | M32x1.5 | 18.0 | 45 | 50 | 4.0 | B-RA4N3M | | | | |
| NPT 1 1/2" | M20x1.5 | 18.0 | 55 | 61 | 5.0 | B-RA5N1M | | | | |
| | M25x1.5 | 18.0 | 55 | 61 | 5.0 | B-RA5N2M | | | | |
| | M32x1.5 | 18.0 | 55 | 61 | 5.0 | B-RA5N3M | | | | |
| | M40x1.5 | 18.0 | 55 | 61 | 5.0 | B-RA5N4M | | | | |
| NPT 2" | M25x1.5 | 18.0 | 65 | 72 | 5.0 | B-RA6N2M | | | | |
| | M32x1.5 | 18.0 | 65 | 72 | 5.0 | B-RA6N3M | | | | |
| | M40x1.5 | 18.0 | 65 | 72 | 5.0 | B-RA6N4M | | | | |
| | M50x1.5 | 18.0 | 65 | 72 | 5.0 | B-RA6N5M | | | | |
| NPT 2 1/2" | M50x1.5 | 28.0 | 75 | 83 | 6.0 | B-RA7N5M | | | | |
| | M60x1.5 | 28.0 | 75 | 83 | 6.0 | B-RA7N60M | | | | |
| | M63x1.5 | 28.0 | 75 | 83 | 6.0 | B-RA7N6M | | | | |
| NPT 3" | M63x1.5 | 28.0 | 95 | 105 | 8.0 | B-RA8N6M | | | | |
| | M70x1.5 | 28.0 | 95 | 105 | 8.0 | B-RA8N70M | | | | |
| | M75x1.5 | 28.0 | 95 | 105 | 8.0 | B-RA8N7M | | | | |
| NPT 3 1/2" | M80x1.5 | 28.0 | 110 | 123 | 10.0 | B-RA9N80M | | | | |
| | M85x1.5 | 28.0 | 110 | 123 | 10.0 | B-RA9N85M | | | | |
| | M90x1.5 | 28.0 | 110 | 123 | 10.0 | B-RA9N8M | | | | |
| NPT 4" | M80x1.5 | 28.0 | 120 | 133.5 | 10.0 | B-RA10N80M | | | | |
| | M85x1.5 | 28.0 | 120 | 133.5 | 10.0 | B-RA10N85M | | | | |
| | M90x1.5 | 28.0 | 120 | 133.5 | 10.0 | B-RA10N8M | | | | |
| | M100x1.5 | 28.0 | 120 | 133.5 | 10.0 | B-RA10N9M | | | | |