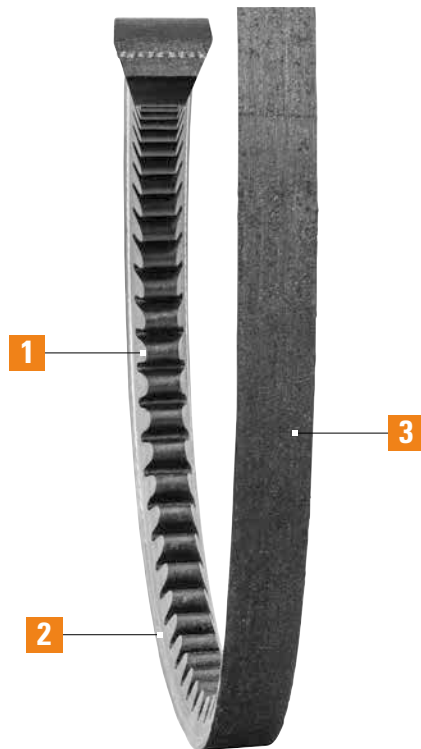


# Gold-Ribbon® Cog-Belt®

## V-Belt



### 1 Unique Cog Design

permits flexibility that enables the belt to bend more easily around the pulley. It runs cooler – less heat equals longer belt life. Smaller pulley diameters mean lower cost and space savings.

### 2 Raw Edge Sidewalls

produce a higher coefficient of friction which keeps a tighter grip on the pulley and minimizes slippage. Improves performance and belt efficiency for unmatched economy of operation.

### 3 EPDM Construction

offers superior flex and load carrying capacity. It's durable as well as resistant to heat, hardening, and glazing. EPDM has excellent flexibility at high and low temperatures.

The energy saver

High performance  
EPDM construction:

Broader temperature  
operating range  
(-50° – +250°)

50% longer life

30% higher  
horsepower

Static conductive

Greater design flexibility

**chekmate**  
matching

Applications:

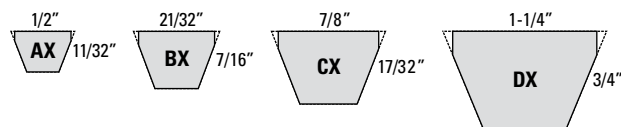
Blowers  
Pumps  
HVAC  
High ambient temperature  
exhaust fans  
& More

Recommended Sheaves:  
Conventional – QD, Taper Bushed, or MST (A-B, C, D)

Heavy Duty V-Belts

# Gold-Ribbon® Cog-Belt®

## V-Belt



**A new gold standard! Gold-Ribbon® sets the benchmark for classical v-belt performance – now made of EPDM (Ethylene Propylene Diene Monomer). Reduce downtime and save energy by selecting the right Gold-Ribbon® Cog-Belt® for your drive– the industry's best just got better!**

**Unique Gold-Ribbon® Cog-Belt® construction** combines the superior flex capability of precision molded cogs with the tenacious gripping power of raw-edge sidewalls to provide significantly longer belt life, higher efficiency, and greater horsepower ratings than conventional wrapped belts.

Now made with EPDM, a synthetic rubber with outstanding properties, the Carlisle® Gold-Ribbon® Cog-Belt® is static conductive, more durable, and more resistant to heat, hardening, and glazing than ever before.

Ordinary wrapped belts waste energy, time, and money. The Gold-Ribbon Cog-Belt has been engineered to take advantage of countless developments in materials and technology. Today's Gold-Ribbon Cog-Belt has earned industry wide respect and acceptance as the performance leader.

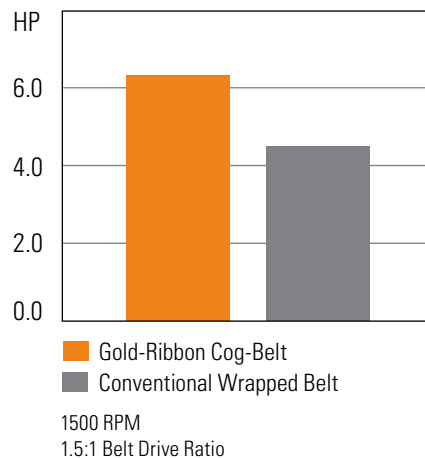
### More reasons to switch to the Carlisle® Gold-Ribbon Cog-Belt:

- Specially formulated EPDM withstands extreme heat, dirt, grease, chemicals and environmental conditions.
- Design flexibility – Gold-Ribbon Cog-Belts transmit up to 30% more horse-power than conventional belts utilizing the same drive space – or pack the same horsepower into a space one-half to two-thirds the size.
- No excessive heat build-up or wear problems even under adverse operating conditions such as reverse bends, backside idlers and constant starts and stops.
- Save space with narrower pulleys, shorter centers and smaller pulley diameters.
- Reduced weight and overhang decreases bearing loads.

### Performance and savings in one package.

The Gold-Ribbon Cog-Belt gets the job done anywhere there are space, weight or pulley limitations– or where increased horsepower capacity and/or higher speeds are necessary. Using smaller pulleys, the Gold-Ribbon Cog-Belt provides a higher horsepower rating than conventional wrapped v-belts on the market. This enables you to design more efficient, more compact, and ultimately more profitable drives.

### Horsepower Rating Comparison



# Gold-Ribbon® Cog-Belt® V-Belt

## Gold-Ribbon® Cog-Belt® Part Numbers

Part Number Example: **AX50** = **A** **X** **50**  
Cross Section Cogged Construction Inside Circumference (inches)

| Part Number                                                                                | Outside Circumference | Weight (lbs) |
|--------------------------------------------------------------------------------------------|-----------------------|--------------|
| <b>AX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                       |              |
| AX20                                                                                       | 22.3                  | 0.12         |
| AX21                                                                                       | 23.3                  | 0.13         |
| AX22                                                                                       | 24.3                  | 0.13         |
| AX23                                                                                       | 25.3                  | 0.14         |
| AX24                                                                                       | 26.3                  | 0.14         |
| AX25                                                                                       | 27.3                  | 0.15         |
| AX26                                                                                       | 28.3                  | 0.16         |
| AX27                                                                                       | 29.3                  | 0.16         |
| AX28                                                                                       | 30.3                  | 0.17         |
| AX29                                                                                       | 31.3                  | 0.17         |
| AX30                                                                                       | 32.3                  | 0.18         |
| AX31                                                                                       | 33.3                  | 0.19         |
| AX32                                                                                       | 34.3                  | 0.19         |
| AX33                                                                                       | 35.3                  | 0.21         |
| AX34                                                                                       | 36.3                  | 0.17         |
| AX35                                                                                       | 37.3                  | 0.17         |
| AX36                                                                                       | 38.3                  | 0.22         |
| AX37                                                                                       | 39.3                  | 0.22         |
| AX38                                                                                       | 40.3                  | 0.23         |
| AX39                                                                                       | 41.3                  | 0.23         |
| AX40                                                                                       | 42.3                  | 0.24         |
| AX41                                                                                       | 43.3                  | 0.25         |
| AX42                                                                                       | 44.3                  | 0.21         |
| AX43                                                                                       | 45.3                  | 0.26         |
| AX44                                                                                       | 46.3                  | 0.26         |
| AX45                                                                                       | 47.3                  | 0.27         |
| AX46                                                                                       | 48.3                  | 0.29         |
| AX47                                                                                       | 49.3                  | 0.28         |
| AX48                                                                                       | 50.3                  | 0.23         |
| AX49                                                                                       | 51.3                  | 0.24         |
| AX50                                                                                       | 52.3                  | 0.30         |
| AX51                                                                                       | 53.3                  | 0.30         |
| AX52                                                                                       | 54.3                  | 0.31         |

| Part Number                                                                                | Outside Circumference | Weight (lbs) |
|--------------------------------------------------------------------------------------------|-----------------------|--------------|
| <b>AX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                       |              |
| AX53                                                                                       | 55.3                  | 0.32         |
| AX54                                                                                       | 56.3                  | 0.32         |
| AX55                                                                                       | 57.3                  | 0.33         |
| AX56                                                                                       | 58.3                  | 0.33         |
| AX57                                                                                       | 59.3                  | 0.34         |
| AX58                                                                                       | 60.3                  | 0.36         |
| AX59                                                                                       | 61.3                  | 0.35         |
| AX60                                                                                       | 62.3                  | 0.29         |
| AX61                                                                                       | 63.3                  | 0.36         |
| AX62                                                                                       | 64.3                  | 0.37         |
| AX63                                                                                       | 65.3                  | 0.38         |
| AX64                                                                                       | 66.3                  | 0.38         |
| AX65                                                                                       | 67.3                  | 0.39         |
| AX66                                                                                       | 68.3                  | 0.32         |
| AX67                                                                                       | 69.3                  | 0.40         |
| AX68                                                                                       | 70.3                  | 0.33         |
| AX69                                                                                       | 71.3                  | 0.41         |
| AX70                                                                                       | 72.3                  | 0.42         |
| AX71                                                                                       | 73.3                  | 0.42         |
| AX72                                                                                       | 74.3                  | 0.35         |
| AX73                                                                                       | 75.3                  | 0.43         |
| AX74                                                                                       | 76.3                  | 0.44         |
| AX75                                                                                       | 77.3                  | 0.36         |
| AX76                                                                                       | 78.3                  | 0.45         |
| AX77                                                                                       | 79.3                  | 0.46         |
| AX78                                                                                       | 80.3                  | 0.46         |
| AX79                                                                                       | 81.3                  | 0.46         |
| AX80                                                                                       | 82.3                  | 0.47         |
| AX81                                                                                       | 83.3                  | 0.39         |
| AX82                                                                                       | 84.3                  | 0.39         |
| AX83                                                                                       | 85.3                  | 0.40         |
| AX84                                                                                       | 86.3                  | 0.40         |
| AX85                                                                                       | 87.3                  | 0.49         |

# Gold-Ribbon® Cog-Belt®

## V-Belt

### Gold-Ribbon® Cog-Belt®

#### Part Numbers

| Part Number                                                                                | Outside Circumference | Weight (lbs) |
|--------------------------------------------------------------------------------------------|-----------------------|--------------|
| <b>AX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                       |              |
| AX86                                                                                       | 88.3                  | 0.50         |
| AX87                                                                                       | 89.3                  | 0.42         |
| AX88                                                                                       | 90.3                  | 0.51         |
| AX89                                                                                       | 91.3                  | 0.42         |
| AX90                                                                                       | 92.3                  | 0.42         |
| AX91                                                                                       | 93.3                  | 0.52         |
| AX92                                                                                       | 94.3                  | 0.43         |
| AX93                                                                                       | 95.3                  | 0.45         |
| AX94                                                                                       | 96.3                  | 0.44         |
| AX95                                                                                       | 97.3                  | 0.45         |
| AX96                                                                                       | 98.3                  | 0.55         |
| AX97                                                                                       | 99.3                  | 0.56         |
| AX98                                                                                       | 100.3                 | 0.47         |
| AX99*                                                                                      | 101.3                 | 0.57         |
| AX100                                                                                      | 102.3                 | 0.47         |
| AX103                                                                                      | 105.3                 | 0.59         |
| AX105                                                                                      | 107.3                 | 0.60         |
| AX110                                                                                      | 112.3                 | 0.63         |
| AX112                                                                                      | 114.3                 | 0.64         |
| AX120                                                                                      | 122.3                 | 0.56         |
| AX128                                                                                      | 130.3                 | 0.60         |
| AX136                                                                                      | 138.3                 | 0.63         |
| AX144                                                                                      | 146.3                 | 0.67         |
| AX158*                                                                                     | 160.3                 | 0.74         |
| AX173*                                                                                     | 175.3                 | 0.80         |
| AX180*                                                                                     | 182.3                 | 0.84         |
| <b>BX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                       |              |
| BX23                                                                                       | 26.3                  | 0.20         |
| BX26                                                                                       | 29.3                  | 0.25         |
| BX27                                                                                       | 30.3                  | 0.26         |
| BX28                                                                                       | 31.3                  | 0.27         |
| BX29                                                                                       | 32.3                  | 0.25         |

| Part Number                                                                                | Outside Circumference | Weight (lbs) |
|--------------------------------------------------------------------------------------------|-----------------------|--------------|
| <b>BX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                       |              |
| BX30                                                                                       | 33.3                  | 0.31         |
| BX31                                                                                       | 34.3                  | 0.32         |
| BX32                                                                                       | 35.3                  | 0.27         |
| BX33                                                                                       | 36.3                  | 0.34         |
| BX34                                                                                       | 37.3                  | 0.29         |
| BX35                                                                                       | 38.3                  | 0.34         |
| BX36                                                                                       | 39.3                  | 0.35         |
| BX37                                                                                       | 40.3                  | 0.36         |
| BX38                                                                                       | 41.3                  | 0.37         |
| BX39                                                                                       | 42.3                  | 0.33         |
| BX40                                                                                       | 43.3                  | 0.39         |
| BX41                                                                                       | 44.3                  | 0.34         |
| BX42                                                                                       | 45.3                  | 0.40         |
| BX43                                                                                       | 46.3                  | 0.41         |
| BX44                                                                                       | 47.3                  | 0.42         |
| BX45                                                                                       | 48.3                  | 0.43         |
| BX46                                                                                       | 49.3                  | 0.44         |
| BX47                                                                                       | 50.3                  | 0.45         |
| BX48                                                                                       | 51.3                  | 0.46         |
| BX49                                                                                       | 52.3                  | 0.47         |
| BX50                                                                                       | 53.3                  | 0.48         |
| BX51                                                                                       | 54.3                  | 0.49         |
| BX52                                                                                       | 55.3                  | 0.50         |
| BX53                                                                                       | 56.3                  | 0.53         |
| BX54                                                                                       | 57.3                  | 0.52         |
| BX55                                                                                       | 58.3                  | 0.53         |
| BX56                                                                                       | 59.3                  | 0.54         |
| BX57                                                                                       | 60.3                  | 0.57         |
| BX58                                                                                       | 61.3                  | 0.47         |
| BX59                                                                                       | 62.3                  | 0.56         |
| BX60                                                                                       | 63.3                  | 0.49         |
| BX61                                                                                       | 64.3                  | 0.58         |
| BX62                                                                                       | 65.3                  | 0.59         |

# Gold-Ribbon® Cog-Belt®

## V-Belt

Part Number Example: **BX70** = **B** **X** **70**  
Cross Section Cogged Construction Inside Circumference (inches)

| Part Number                                                                                | Outside Circumference | Weight (lbs) |
|--------------------------------------------------------------------------------------------|-----------------------|--------------|
| <b>BX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                       |              |
| BX63                                                                                       | 66.3                  | 0.60         |
| BX64                                                                                       | 67.3                  | 0.61         |
| BX65                                                                                       | 68.3                  | 0.62         |
| BX66                                                                                       | 69.3                  | 0.53         |
| BX67                                                                                       | 70.3                  | 0.64         |
| BX68                                                                                       | 71.3                  | 0.55         |
| BX69                                                                                       | 72.3                  | 0.66         |
| BX70                                                                                       | 73.3                  | 0.67         |
| BX71                                                                                       | 74.3                  | 0.57         |
| BX72                                                                                       | 75.3                  | 0.68         |
| BX73                                                                                       | 76.3                  | 0.70         |
| BX74                                                                                       | 77.3                  | 0.71         |
| BX75                                                                                       | 78.3                  | 0.60         |
| BX76                                                                                       | 79.3                  | 0.72         |
| BX77                                                                                       | 80.3                  | 0.73         |
| BX78                                                                                       | 81.3                  | 0.73         |
| BX79                                                                                       | 82.3                  | 0.74         |
| BX80                                                                                       | 83.3                  | 0.75         |
| BX81                                                                                       | 84.3                  | 0.65         |
| BX82                                                                                       | 85.3                  | 0.66         |
| BX83                                                                                       | 86.3                  | 0.67         |
| BX84                                                                                       | 87.3                  | 0.82         |
| BX85                                                                                       | 88.3                  | 0.68         |
| BX86                                                                                       | 89.3                  | 0.81         |
| BX87                                                                                       | 90.3                  | 0.70         |
| BX88                                                                                       | 91.3                  | 0.83         |
| BX89                                                                                       | 92.3                  | 0.71         |
| BX90                                                                                       | 93.3                  | 0.72         |
| BX91                                                                                       | 94.3                  | 0.73         |
| BX92                                                                                       | 95.3                  | 0.90         |
| BX93                                                                                       | 96.3                  | 0.87         |
| BX94                                                                                       | 97.3                  | 0.88         |
| BX95                                                                                       | 98.3                  | 0.89         |

| Part Number                                                                                | Outside Circumference | Weight (lbs) |
|--------------------------------------------------------------------------------------------|-----------------------|--------------|
| <b>BX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                       |              |
| BX96                                                                                       | 99.3                  | 0.77         |
| BX97                                                                                       | 100.3                 | 0.77         |
| BX98                                                                                       | 101.3                 | 0.78         |
| BX99                                                                                       | 102.3                 | 0.93         |
| BX100                                                                                      | 103.3                 | 0.94         |
| BX103                                                                                      | 106.3                 | 0.82         |
| BX105                                                                                      | 108.3                 | 0.99         |
| BX106                                                                                      | 109.3                 | 0.85         |
| BX108                                                                                      | 111.3                 | 0.86         |
| BX112                                                                                      | 115.3                 | 0.89         |
| BX113                                                                                      | 116.3                 | 1.06         |
| BX115                                                                                      | 118.3                 | 0.92         |
| BX116                                                                                      | 119.3                 | 1.09         |
| BX120                                                                                      | 123.3                 | 0.95         |
| BX123                                                                                      | 126.3                 | 0.98         |
| BX124                                                                                      | 127.3                 | 0.98         |
| BX126                                                                                      | 129.3                 | 1.00         |
| BX128                                                                                      | 131.3                 | 1.02         |
| BX130                                                                                      | 133.3                 | 1.03         |
| BX133                                                                                      | 136.3                 | 1.05         |
| BX136                                                                                      | 139.3                 | 1.08         |
| BX140                                                                                      | 143.3                 | 1.11         |
| BX144                                                                                      | 147.3                 | 1.14         |
| BX148                                                                                      | 151.3                 | 1.17         |
| BX150                                                                                      | 153.3                 | 1.19         |
| BX151*                                                                                     | 154.3                 | 1.19         |
| BX154                                                                                      | 157.3                 | 1.22         |
| BX158                                                                                      | 161.3                 | 1.25         |
| BX162                                                                                      | 165.3                 | 1.28         |
| BX173                                                                                      | 176.3                 | 1.36         |
| BX180                                                                                      | 183.3                 | 1.42         |
| BX191                                                                                      | 194.3                 | 1.50         |
| BX195                                                                                      | 198.3                 | 1.53         |

# Gold-Ribbon® Cog-Belt®

## V-Belt

### Gold-Ribbon® Cog-Belt®

#### Part Numbers

| Part Number                                                                                | Outside Circumference | Weight (lbs) |
|--------------------------------------------------------------------------------------------|-----------------------|--------------|
| <b>BX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (A-B)</b> |                       |              |
| BX205*                                                                                     | 208.3                 | 1.80         |
| BX210                                                                                      | 213.3                 | 2.15         |
| BX225                                                                                      | 227.4                 | 2.35         |
| BX240                                                                                      | 242.4                 | 2.50         |
| BX255*                                                                                     | 257.4                 | 3.10         |
| BX270*                                                                                     | 272.4                 | 3.05         |
| BX300*                                                                                     | 302.4                 | 3.05         |
| <b>CX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (C)</b>   |                       |              |
| CX51                                                                                       | 55.4                  | 0.77         |
| CX52*                                                                                      | 56.4                  | 0.77         |
| CX55                                                                                       | 59.4                  | 0.83         |
| CX60                                                                                       | 64.4                  | 0.90         |
| CX66                                                                                       | 70.4                  | 0.96         |
| CX68                                                                                       | 72.4                  | 1.01         |
| CX72                                                                                       | 76.4                  | 1.06         |
| CX75                                                                                       | 79.4                  | 1.10         |
| CX78                                                                                       | 82.4                  | 1.15         |
| CX81                                                                                       | 85.4                  | 1.19         |
| CX85                                                                                       | 89.4                  | 1.24         |
| CX90                                                                                       | 94.4                  | 1.31         |
| CX96                                                                                       | 100.4                 | 1.39         |
| CX98*                                                                                      | 102.4                 | 1.39         |
| CX100                                                                                      | 104.4                 | 1.45         |
| CX101                                                                                      | 105.4                 | 1.46         |
| CX103                                                                                      | 107.4                 | 1.46         |
| CX105                                                                                      | 109.4                 | 1.52         |
| CX106*                                                                                     | 110.4                 | 1.50         |
| CX109                                                                                      | 113.4                 | 1.57         |
| CX111                                                                                      | 115.4                 | 1.60         |
| CX112                                                                                      | 116.4                 | 1.62         |
| CX115                                                                                      | 119.4                 | 1.66         |
| CX120                                                                                      | 124.4                 | 1.73         |

| Part Number                                                                              | Outside Circumference | Weight (lbs) |
|------------------------------------------------------------------------------------------|-----------------------|--------------|
| <b>CX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (C)</b> |                       |              |
| CX124                                                                                    | 128.4                 | 1.78         |
| CX128                                                                                    | 132.4                 | 1.84         |
| CX133                                                                                    | 137.4                 | 1.86         |
| CX136                                                                                    | 140.4                 | 1.95         |
| CX144                                                                                    | 148.4                 | 2.06         |
| CX148                                                                                    | 152.4                 | 2.11         |
| CX150                                                                                    | 154.4                 | 2.14         |
| CX158                                                                                    | 162.4                 | 2.25         |
| CX162                                                                                    | 166.4                 | 2.31         |
| CX173                                                                                    | 177.4                 | 2.46         |
| CX180                                                                                    | 184.4                 | 2.55         |
| CX190                                                                                    | 194.4                 | 2.63         |
| CX195                                                                                    | 199.4                 | 2.76         |
| CX210                                                                                    | 214.4                 | 3.25         |
| CX225                                                                                    | 228.1                 | 3.75         |
| CX240                                                                                    | 243.1                 | 4.10         |
| CX255                                                                                    | 258.1                 | 4.45         |
| CX270                                                                                    | 273.1                 | 3.85         |
| CX300                                                                                    | 303.1                 | 4.95         |
| CX330*                                                                                   | 333.1                 | 5.35         |
| <b>DX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (D)</b> |                       |              |
| DX71 *                                                                                   | 76.5                  | 2.15         |
| DX120                                                                                    | 125.5                 | 4.26         |
| DX128*                                                                                   | 133.5                 | 3.75         |
| DX144*                                                                                   | 149.5                 | 4.19         |
| DX158*                                                                                   | 163.5                 | 4.58         |
| DX162*                                                                                   | 167.5                 | 4.69         |
| DX173*                                                                                   | 178.5                 | 5.00         |
| DX180*                                                                                   | 185.5                 | 5.20         |
| DX195*                                                                                   | 200.5                 | 5.61         |
| DX210*                                                                                   | 215.5                 | 7.20         |
| DX225*                                                                                   | 228.6                 | 7.70         |

# Gold-Ribbon® Cog-Belt®

## V-Belt

Part Number Example: **DX270** = **D** **X** **270**  
Cross Section Cogged Construction Inside Circumference (inches)

| Part Number                                                                              | Outside Circumference | Weight (lbs) |
|------------------------------------------------------------------------------------------|-----------------------|--------------|
| <b>DX Section – Recommended Sheaves:<br/>Conventional – QD, Taper Bushed, or MST (D)</b> |                       |              |
| DX240                                                                                    | 243.6                 | 8.15         |
| DX255*                                                                                   | 258.6                 | 7.50         |
| DX270                                                                                    | 273.6                 | 9.00         |
| DX300*                                                                                   | 303.6                 | 9.50         |
| DX330*                                                                                   | 333.6                 | 10.90        |

\*Non-stock item. Minimum order quantity and/or extended lead times may apply. Contact customer service for availability.

