

PT7-88

Stock Classical Drives: Standard Motor Speeds

Step 1-Determine Service Factor. Refer to Typical Service factors, Table 7. Locate type of Driven and Driver equipment. (If an idler is used, increase the factor by value indicated). Correct factor is determined by: **1.** The extent and frequency of peak loads. **2.** Number of operating hours/year, broken down in average hours/day of continuous service. **3.** Proper service category: (Intermittent, Normal or Continuous). Select the one closest to the application conditions.

Step 2-Compute Design HP. Multiply normal running HP required or nameplate rating by service factor obtained in Step 1.

Step 3-Choose Belt Section. Using Table 6, below, read up from design HP figure obtained in Step 2 and over from the RPM of faster shaft. This intersection indicates belt sections.

Step 4-Select the Drive. **a).** Using belt section from Step 3, refer to Stock Drive Selection Tables beginning on page PT7-88. **b).** Under appropriate driver speed column find Driven RPM nearest to the desired speed. To the right note HP per Belt. Read left for Driver/Driven Sheave information. (If driver is an electric motor be sure motor sheave diameter is not less than shown in Table 8.) **c).** Read onto **opposite** page and find figure nearest the required center distance. Note Arc-Length Correction Factor in the shaded row **below** the C.D. figure. **d).** Read to the top of the table for the belt size. **e).** **To determine number of belts**, multiply the HP per Belt value by the Arc Length Correction Factor. This is the corrected HP/belt. Divide design HP by corrected HP figure to determine number of belts required.

EXAMPLE OF SELECTION

Select a classical drive for a continuous duty 3-piston compressor, with a $2\frac{7}{16}$ " shaft, to run at about 284 RPM, driven by a 30 HP, 1160 RPM squirrel cage electric motor with a $2\frac{1}{8}$ " shaft. Desired center distance is approximately 36".

Step 1-Service factor from Table 7 is 1.4.

Step 2-Design HP = $1.4 \times 30 = 42$ HP.

Step 3-A C-section belt is shown in Table 11 when reading to the right of 1160 RPM and up from 42 design HP.

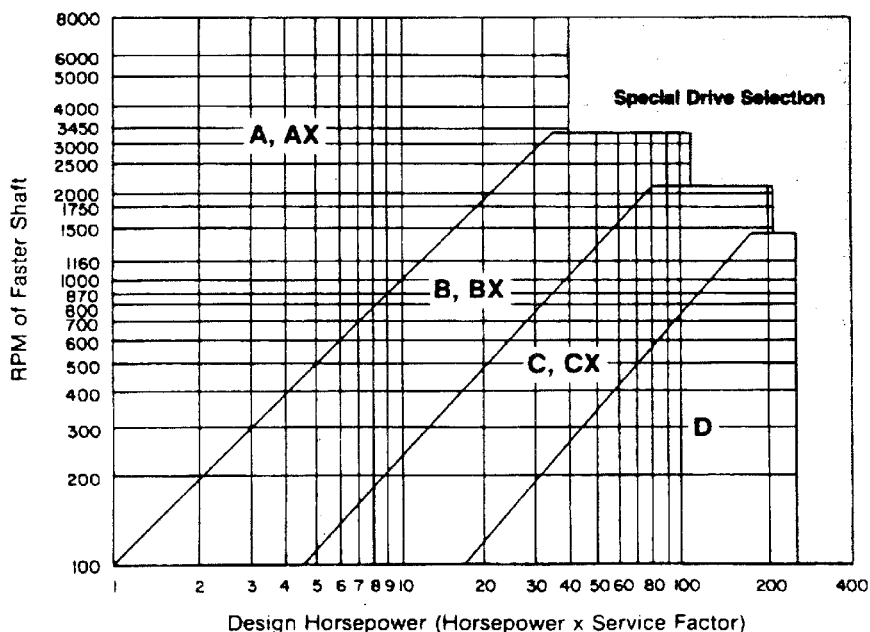
Step 4-Turn to C-Stock Drive Selection Tables beginning on page PT7-106. Under 1160 RPM Driven, read down to find 285 RPM. One selection is 284 on page PT7-110. Note HP/belt as 15.47 for all SL Classic belts and Polyband belts over 116" and 19.34 for all Classic-Cog and Polyband under 116". Also note sheaves listed as a 8.5 Driver, 36.0 Driven. Table 8 shows driver is not undersize. Reading to opposite page the C.D. figure of 35.9 is closest to 36". Top of table shows belt size as C144.

The HP/belt for SL Classic is 15.47. This value x the .95 factor = 14.7 corrected HP/belt. $42 \text{ HP} \div 14.7 = 2.85$. Going to the next whole number the drive requires 3 SL Classic belts. (Center to center operating distance is 35.9 nominal.) **Order:** **1.** 3-C144 SL Classic Belts.

2. 1-3-groove C8.5 TAPER-LOCK Sheave. **3.** 1- $2\frac{1}{8}$ " bore 2517 bushing. **4.** 1-3 groove C36.0 TAPER-LOCK Sheave. **5.** 1- $2\frac{7}{16}$ " bore 3535 bushing.

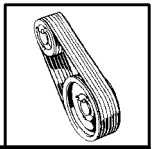
(The steps above may be used to figure a Classic-COG drive with higher HP ratings. This drive usually uses fewer grooves and will be more compact. The decision to use SL Classic, Classic-COG or POLYBAND belts involves economics, interchangeability, etc.).

Table 6 - CLASSICAL CROSS SECTION SELECTION CHART



| | | | |
|-------------------------------|------------------------------|---|--|
| SHEAVES PAGES PT7-2-PT7-27 | BELTS PAGES PT7-28-PT7-41 | SELECTION: WEDGE PAGES PT7-42-PT7-83 | ENGINEERING/TECHNICAL PAGES PT7-123-PT7-128 |
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SELECTION



SERVICE FACTORS

TABLE 7 - TYPICAL SERVICE FACTORS

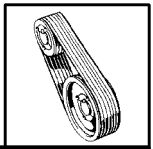
| Driven Machine Types <small>Note: Certain machines may require flywheel sheaves or special construction to withstand heavy shock loads. Consult Mfg'r.</small> | Driver: Normal Torque NEMA Des. A or B Motors DC Shunt Wound Motors Multi-Cylinder Engines | | | Driver: High Torque NEMA Des. C or D Motors DC Series Wound Motors Single Cylinder Engines | | | |
|---|---|--------|---------|---|--------|-------|---|
| | Service* | | | Service* | | | |
| | Intermit. | Normal | Contin. | Intermit. | Normal | Cont. | |
| Agitators for Liquids Blowers and Exhausters Centrif. Pumps, Compressors Fans up to 10 HP Light Duty Conveyors | 1.0 | 1.1 | 1.2 | 1.1 | 1.2 | 1.3 | *Note: Intermittent: Up to 6 Hrs/Day Normal 6-16 Hrs/Day Continuous: 16-24 Hrs/Day Adder for Idlers: Outside on slack side 0.1 Inside on tight side 0.1 Outside on tight side 0.2 |
| Belt Conveyors, Bulk Mat'l Dough Mixers Fans over 10 HP Generators Line Shafts Laundry Machinery Machine Tools Punches, Presses, Shears Printing Machinery Positive Displ. Rotary Pumps Revolving & Vibrating Screens | 1.1 | 1.2 | 1.3 | 1.2 | 1.3 | 1.4 | |
| Brick Machinery Bucket Elevators Exciters Piston Compressors Conveyors: Drag, Pan, Screw Hammer Mills Paper Mill Beaters Piston Pumps Pos. Displacement Blowers Pulverizers Saw Mill, Woodworking Mach'y Textile Machinery | 1.2 | 1.3 | 1.4 | 1.4 | 1.5 | 1.6 | |
| Crushers: Gyratory, Jaw, Roll Mills: Ball, Rod, Tube Hoists Rubber Calendars, Extruders, Mills | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | |
| Chokable Equipment, Fire Hazard | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | |

TABLE 8 - MIN. RECOMMENDED CLASSICAL GROOVE SHEAVE DIAMETERS FOR DRIVES USING ELECTRIC MOTORS

| Motor RPM | A, B, C, D, V-belt Sheave | Motor Horsepower | | | | | | | | | | | | | | | | | | |
|-----------|---------------------------|------------------|-----|-----|-------|-----|-----|-----|-------|-----|-----|------|------|------|------|------|------|------|------|------|
| | | 1/2 | 3/4 | 1 | 1-1/2 | 2 | 3 | 5 | 7-1/2 | 10 | 15 | 20 | 25 | 30 | 40 | 50 | 60 | 75 | 100 | 125 |
| 870 | Min. P.D. | 2.2 | 2.4 | 2.4 | 2.4 | 3.0 | 3.0 | 3.8 | 4.4 | 4.6 | 5.4 | 6.0 | 6.8 | 6.8 | 8.2 | 9.0 | 10.0 | 10.5 | 12.5 | ... |
| | Max. Face Width | 4.3 | 4.3 | 5.3 | 5.3 | 6.5 | 6.5 | 7.8 | 7.8 | 9.0 | 9.0 | 10.3 | 10.3 | 11.5 | 11.5 | 14.3 | 14.3 | 16.8 | 16.8 | ... |
| 1160 | Min. P.D. | ... | 2.2 | 2.4 | 2.4 | 2.4 | 3.0 | 3.0 | 3.8 | 4.4 | 4.6 | 5.4 | 6.0 | 6.8 | 6.8 | 8.2 | 9.0 | 10.0 | 11.0 | 12.5 |
| | Max. Face Width | ... | 4.3 | 4.3 | 5.3 | 5.3 | 6.5 | 6.5 | 7.8 | 7.8 | 9.0 | 9.0 | 10.3 | 10.3 | 11.5 | 11.5 | 14.3 | 14.3 | 16.8 | 16.8 |
| 1750 | Min. P.D. | ... | ... | 2.2 | 2.4 | 2.4 | 2.4 | 3.0 | 3.0 | 3.8 | 4.4 | 4.6 | 5.0 | 5.4 | 6.0 | 6.8 | 7.4 | 9.0 | 10.0 | 11.5 |
| | Max. Face Width | ... | ... | 4.3 | 4.3 | 4.3 | 5.3 | 5.3 | 6.5 | 6.5 | 7.8 | 7.8 | 9.0 | 9.0 | 10.3 | 10.3 | 11.5 | 11.5 | 14.3 | 14.3 |
| 3500 | Min. P.D. | ... | ... | ... | 2.2 | 2.4 | 2.4 | 2.6 | 3.0 | 3.0 | 3.8 | 4.4 | 4.4 | ... | ... | ... | ... | ... | ... | ... |
| | Max. Face Width | ... | ... | ... | 4.3 | 4.3 | 4.3 | 5.3 | 5.3 | 6.5 | 6.5 | 7.8 | 7.8 | ... | ... | ... | ... | ... | ... | ... |

Data is per NEMA Standard MG1-14.42. In areas where sheaves are not listed, consult motor manufacturer.

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Stock Classical Drives: Non Standard Motor Speeds Speed-up Drives

For Speeds Other Than Standard Motor Speeds:

Step 1 - Determine Speed Ratio: $\left(\frac{\text{Driver RPM}}{\text{Driven RPM}} \right)$

Step 2 - Compute Design HP. Multiply normal running HP required or nameplate rating by service factor from Table 12.

Step 3 - Determine Maximum Diameter of Driver

Sheave @ 6500 FPM : $\text{O.D.} = \frac{6500 \text{ FPM}}{.262 \times \text{RPM}}$

Step 4 - Select Belt Cross Section. Using Table 6, read up from design HP figure obtained in Step 2 and over from the RPM of faster shaft. This intersection indicates belt section.

Step 5 - Select Drive. Using the belt section from Step 4, make a tentative sheave selection from **Stock Drive Selection Tables**. (Note that several choices are available in the ratio obtained from Step 1.) Other choices close to this ratio may also produce a functional drive. Read on to opposite page and find figure nearest the required center distance. The Arc Length Correction Factor is listed in the shaded row below the C.D. figure. Read to the top of the table for the belt size.

Step 6 - Size the Drive. From **Basic HP Tables** beginning on page PT7-116, locate HP rating at intersection of RPM row and small sheave column. To this, add the "additional HP" figure based on drive ratio. This becomes the rated HP. Multiply this sum by the arc-length correction factor noted in Step 5. This becomes the corrected HP per belt. To find

required number of belts : $\frac{\text{Design HP}}{\text{Correction HP/Belt}}$

EXAMPLE OF SELECTION

A V-drive is needed for a 15 HP, 2000 RPM gasoline engine, with a 1-⁵/₈" shaft, running a reducer on a belt conveyor. 2-³/₁₆" reducer input shaft runs at 1350 RPM. Service is intermittent. Center distance is 36" .

Step 1-Speed Ratio = $\frac{2200}{1350} = 1.48$

Step 2-Service Factor=1.1= Design HP= 15x1.1 = 16.5

Step 3-Driver Sheave Max. Dia. = $\frac{6500}{.262 \times 2200} = 2.4$

Step 4-Belt Cross Section = Table 11 indicates A-AX.

Step 5-Turn to A, AX Stock Drive Selection Tables beginning on page PT7-89. Find the 1.48 Ratio obtained in the Step 1 calculations. The most economical drive shows a 4.6 Driver, 7.0 Driven Sheave. The C.D. nearest 36" is

36.5 The correction factor below the C.D. figure is 1.07. Top of table shows a A90 belt.

Refer to **Basic HP Tables** on page PT7-116. From the 2000 RPM of the faster shaft row and down from the 4.6 small sheave:

5.44 HP/belt plus an additional HP of .45 in the 1.52 thru 1.99 ratio column. The sum = 5.89 HP/belt x 1.07 arc length correction factor = 6.3 HP/belt.

Number of belts = $\frac{16.5}{6.3} = 2.61$ or 3 belts

Order: 1-3 groove A4.6 TAPER-LOCK Sheave, 1-1⁵/₈" bore 1610 bushing, 1-3 groove A7.0 sheave, 1-2³/₁₆" bore 2517 bushing, 3-A90 SL Classic Belts.

Example of an "A" Speed-Up Drive

A 10 HP 1750 RPM AC motor with a 1³/₈" shaft is to drive a high speed blower @ 4000 RPM. The blower shaft is 1⁷/₁₆" , center distance 24" and equipment run 24 hrs./ day.

1. Service Factor from Table 12 is 1.2.
2. Design HP= 10x 1.2 = 12 HP.
3. Speed Ratio = $\frac{4000}{1750} = 2.29$
4. In Stock Drive Table, under 2.29 ratio, sheaves are listed as 3.4 Driver/8.2 Driven. (In a speed-up drive the 3.4 sheave becomes the Driven, the 8.2 the Driver). The opposite page of the drive table shows the closest center distance as 24.4 with an arc length correction factor of .96. Belt shown at top of table is A66.
5. From Basic HP Tables a 3.4 sheave @ 4000 RPM = (4.38 + 1.00) = 5.20.
5.38 x .96 = 5.16 corrected HP/belt.
6. Number of Belts = $\frac{\text{Design HP}}{\text{Corrected HP}} = \frac{12}{5.16} = 2.33$ or 3 belts.
7. **Order:** 1-3 groove A8.2 TAPER-LOCK Sheave, 1-1³/₈" bore 2517 bushing, 1-3 groove A3.4 TAPER-LOCK Sheave, 1-1⁷/₁₆" bore 1610 bushing, 3-A66 SL Classic belts.

NOTE: To determine required belt length when center distance and sheave datum diameters are known, use the following formula.

$$L = 2c + 1.57 (D + d) + \frac{(D-d)^2}{4c}$$

L = Belt Length In Inches

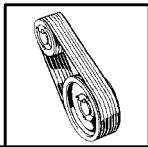
C = Center Distance

D = Datum Dia. of Large Sheave

d = Datum Dia. of Small Sheave

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SELECTION



Belt Correction Factors

TABLE 9 - CLASSICAL BELT LENGTH CORRECTION FACTORS

| Datum Length | Factor | Datum Length | Factor | Datum Length | Factor | Datum Length | Factor | Datum Length | Factor | Datum Length | Factor | Datum Length | Factor |
|----------------|--------|------------------------|--------|------------------------|--------|------------------------|--------|------------------------|--------|------------------------|--------|------------------------|--------|
| A Belts | | A Belts (Cont.) | | A Belts (Cont.) | | B Belts (Cont.) | | B Belts (Cont.) | | C Belts (Cont.) | | D Belts (Cont.) | |
| 15.3 | 0.68 | 58.3 | 0.96 | 113.3 | 1.11 | 57.8 | 0.90 | 101.8 | 1.03 | 107.9 | 0.94 | 213.3 | 0.96 |
| 16.3 | 0.69 | 59.3 | 0.97 | 121.3 | 1.13 | 58.8 | 0.90 | 102.8 | 1.03 | 108.9 | 0.94 | 225.8 | 0.99 |
| 17.3 | 0.71 | 60.3 | 0.97 | 129.3 | 1.14 | 59.8 | 0.91 | 104.8 | 1.04 | 110.9 | 0.94 | 240.8 | 1.00 |
| 18.3 | 0.72 | 61.3 | 0.98 | 134.3 | 1.14 | 60.8 | 0.91 | 106.8 | 1.04 | 111.9 | 0.94 | 255.8 | 1.01 |
| 19.3 | 0.73 | 62.3 | 0.98 | 137.3 | 1.15 | 61.8 | 0.92 | 109.8 | 1.04 | 113.9 | 0.94 | 270.8 | 1.03 |
| 20.3 | 0.74 | 63.3 | 0.98 | 145.3 | 1.17 | 62.8 | 0.92 | 112.8 | 1.05 | 114.9 | 0.95 | 285.8 | 1.04 |
| 21.3 | 0.75 | 64.3 | 0.98 | 159.3 | 1.19 | 63.8 | 0.92 | 113.8 | 1.05 | 117.9 | 0.95 | 300.8 | 1.05 |
| 22.3 | 0.76 | 65.3 | 0.99 | 174.3 | 1.21 | 64.8 | 0.92 | 117.8 | 1.06 | 122.9 | 0.97 | 315.8 | 1.06 |
| 23.3 | 0.77 | 67.3 | 0.99 | 181.3 | 1.22 | 65.8 | 0.93 | 121.8 | 1.07 | 126.9 | 0.97 | 330.8 | 1.07 |
| 24.3 | 0.78 | 68.3 | 0.99 | B Belts | | 66.8 | 0.93 | 125.8 | 1.07 | 130.9 | 0.98 | 345.8 | 1.08 |
| 25.3 | 0.79 | 69.3 | 1.00 | 23.8 | 0.71 | 67.8 | 0.93 | 129.8 | 1.08 | 138.9 | 0.99 | 360.8 | 1.09 |
| 26.3 | 0.80 | 70.3 | 1.00 | 24.8 | 0.72 | 68.8 | 0.94 | 134.8 | 1.09 | 146.9 | 1.00 | 390.8 | 1.11 |
| 27.3 | 0.81 | 71.3 | 1.00 | 25.8 | 0.73 | 69.8 | 0.95 | 137.8 | 1.09 | 152.9 | 1.01 | 420.8 | 1.12 |
| 28.3 | 0.81 | 72.3 | 1.01 | 26.8 | 0.74 | 70.8 | 0.95 | 145.8 | 1.11 | 160.9 | 1.02 | 450.8 | 1.14 |
| 29.3 | 0.82 | 73.3 | 1.01 | 27.8 | 0.75 | 71.8 | 0.95 | 149.8 | 1.11 | 164.9 | 1.03 | 480.8 | 1.16 |
| 30.3 | 0.82 | 74.3 | 1.01 | 28.8 | 0.75 | 72.8 | 0.95 | 159.8 | 1.13 | 175.9 | 1.04 | 540.8 | 1.18 |
| 31.3 | 0.83 | 75.3 | 1.02 | 29.8 | 0.76 | 73.8 | 0.95 | 163.8 | 1.13 | 182.9 | 1.05 | 600.8 | 1.20 |
| 32.3 | 0.84 | 76.3 | 1.02 | 30.8 | 0.77 | 74.8 | 0.96 | 174.8 | 1.15 | 197.9 | 1.07 | E Belts # | |
| 33.3 | 0.84 | 77.3 | 1.02 | 31.8 | 0.77 | 75.8 | 0.96 | 181.8 | 1.16 | 212.9 | 1.08 | 184.5 | 0.91 |
| 34.3 | 0.85 | 78.3 | 1.02 | 32.8 | 0.78 | 76.8 | 0.97 | 191.8 | 1.16 | 225.9 | 1.10 | 199.5 | 0.92 |
| 35.3 | 0.86 | 79.3 | 1.03 | 33.8 | 0.79 | 77.8 | 0.97 | 196.8 | 1.18 | 240.9 | 1.11 | 214.5 | 0.94 |
| 36.3 | 0.87 | 80.3 | 1.03 | 34.8 | 0.79 | 78.8 | 0.97 | 206.8 | 1.19 | 255.9 | 1.12 | 241.0 | 0.96 |
| 37.3 | 0.87 | 81.3 | 1.04 | 35.8 | 0.80 | 79.8 | 0.97 | 211.8 | 1.19 | 270.9 | 1.14 | 271.0 | 0.99 |
| 38.3 | 0.87 | 82.3 | 1.04 | 36.8 | 0.81 | 80.8 | 0.97 | 225.3 | 1.21 | 285.9 | 1.15 | 301.0 | 1.01 |
| 39.3 | 0.88 | 83.3 | 1.04 | 37.8 | 0.81 | 81.8 | 0.97 | 240.3 | 1.22 | 300.9 | 1.16 | 331.0 | 1.03 |
| 40.3 | 0.89 | 84.3 | 1.04 | 38.8 | 0.82 | 82.8 | 0.98 | 255.3 | 1.24 | 315.9 | 1.18 | 361.0 | 1.05 |
| 41.3 | 0.89 | 85.3 | 1.05 | 39.8 | 0.83 | 83.8 | 0.98 | 270.3 | 1.25 | 330.9 | 1.19 | 391.0 | 1.07 |
| 42.3 | 0.90 | 86.3 | 1.05 | 40.8 | 0.83 | 84.8 | 0.98 | 285.3 | 1.26 | 345.9 | 1.20 | 421.0 | 1.09 |
| 42.3 | 0.90 | 87.3 | 1.05 | 41.8 | 0.83 | 85.8 | 0.99 | 300.3 | 1.27 | 360.9 | 1.21 | 481.0 | 1.12 |
| 43.3 | 0.91 | 88.3 | 1.05 | 42.8 | 0.84 | 86.8 | 0.99 | 315.3 | 1.29 | 390.9 | 1.23 | 541.0 | 1.14 |
| 44.3 | 0.91 | 89.3 | 1.06 | 43.8 | 0.85 | 87.8 | 0.99 | C Belts | | 420.9 | 1.24 | 601.0 | 1.17 |
| 45.3 | 0.92 | 90.3 | 1.06 | 44.8 | 0.85 | 88.8 | 0.99 | 53.9 | 0.80 | 450.9 | 1.26 | ..... | ..... |
| 46.3 | 0.92 | 91.3 | 1.06 | 45.8 | 0.85 | 89.8 | 1.00 | 57.9 | 0.81 | 480.9 | 1.27 | ..... | ..... |
| 47.3 | 0.93 | 92.3 | 1.06 | 46.8 | 0.86 | 90.8 | 1.00 | 62.9 | 0.82 | D Belts |  | ..... | ..... |
| 48.3 | 0.93 | 93.3 | 1.07 | 47.8 | 0.87 | 91.8 | 1.00 | 70.9 | 0.85 | 108.3 | 0.83 | ..... | ..... |
| 49.3 | 0.93 | 94.3 | 1.07 | 48.8 | 0.87 | 92.8 | 1.00 | 73.9 | 0.87 | 115.3 | 0.84 | ..... | ..... |
| 50.3 | 0.94 | 95.3 | 1.07 | 49.8 | 0.87 | 93.8 | 1.00 | 77.9 | 0.89 | 123.3 | 0.86 | ..... | ..... |
| 51.3 | 0.94 | 96.3 | 1.07 | 50.8 | 0.88 | 94.8 | 1.01 | 83.9 | 0.90 | 131.3 | 0.87 | ..... | ..... |
| 52.3 | 0.95 | 97.3 | 1.08 | 51.8 | 0.88 | 95.8 | 1.01 | 87.9 | 0.91 | 147.3 | 0.90 | ..... | ..... |
| 53.3 | 0.95 | 98.3 | 1.08 | 52.8 | 0.89 | 96.8 | 1.01 | 92.9 | 0.92 | 161.3 | 0.92 | ..... | ..... |
| 54.3 | 0.96 | 99.3 | 1.08 | 53.8 | 0.89 | 97.8 | 1.01 | 98.9 | 0.92 | 165.3 | 0.92 | ..... | ..... |
| 55.3 | 0.96 | 101.3 | 1.08 | 54.8 | 0.89 | 98.8 | 1.02 | 99.9 | 0.92 | 176.3 | 0.93 | ..... | ..... |
| 56.6 | 0.96 | 106.3 | 1.10 | 55.8 | 0.89 | 99.8 | 1.02 | 101.9 | 0.92 | 183.3 | 0.94 | ..... | ..... |
| 57.3 | 0.96 | 111.3 | 1.11 | 56.8 | 0.90 | 100.8 | 1.02 | 103.9 | 0.94 | 198.3 | 0.96 | ..... | ..... |

E Belts recommended for replacement only, not for new drive design.

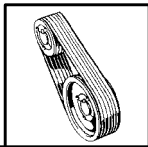
TABLE 10 - ARC CORRECTION FACTORS

| $\frac{D-d}{C}$ | Approx. Arc of Contact on Small Shv. | Factor | $\frac{D-d}{C}$ | Approx. Arc of Contact on Small Shv. | Factor |
|-----------------|--------------------------------------|--------|-----------------|--------------------------------------|--------|
| .00 | 180° | 1.00 | .80 | 133° | .87 |
| .10 | 174° | .99 | .90 | 127° | .85 |
| .20 | 169° | .97 | 1.00 | 120° | .82 |
| .30 | 163° | .96 | 1.10 | 113° | .80 |
| .40 | 157° | .94 | 1.20 | 106° | .77 |
| .50 | 151° | .93 | 1.30 | 99° | .73 |
| .60 | 145° | .91 | 1.40 | 91° | .70 |
| .70 | 139° | .89 | 1.50 | 83° | .65 |

★ D=Dia. of large sheave.
d=Dia of small sheave.
C=Center distance.

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SELECTION

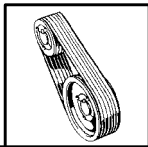


A S-L CLASSIC AX CLASSIC COG STOCK DRIVE SELECTIONS

| Ratio | Stock Shv. | | 3500 RPM Driver | | | 1750 RPM Driver | | | 1160 RPM Driver | | | Belt Size/Center Distance | | | | | | |
|--|-------------|--------|-----------------|-------------|-------|-----------------|-------------|------|-----------------|-------------|------|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | Datum Diam. | | Driven RPM | HP Per Belt | | Driven RPM | HP Per Belt | | Driven RPM | HP Per Belt | | A26 AX26 | A31 AX31 | A33 AX33 | A35 AX35 | A38 AX38 | A42 AX42 | A46 AX46 |
| | Driver | Driven | | A | AX | | A | AX | | A | AX | | | | | | | |
| 1.00 | 3.0 | 3.0 | 3500 | 3.42 | 4.61 | 1750 | 2.37 | 3.08 | 1160 | 1.78 | 2.33 | 8.9 | 11.4 | 12.4 | 13.4 | 14.9 | 16.9 | 18.9 |
| 1.00 | 3.4 | 3.4 | 3500 | 4.60 | 5.68 | 1750 | 3.09 | 3.72 | 1160 | 2.29 | 2.79 | 8.3 | 10.8 | 11.8 | 12.8 | 14.3 | 16.3 | 18.3 |
| 1.00 | 3.8 | 3.8 | 3500 | 5.72 | 6.70 | 1750 | 3.80 | 4.35 | 1160 | 2.79 | 3.24 | 7.7 | 10.2 | 11.2 | 12.2 | 13.7 | 15.7 | 17.7 |
| 1.00 | 4.2 | 4.2 | 3500 | 6.77 | 7.68 | 1750 | 4.49 | 4.96 | 1160 | 3.29 | 3.69 | 7.1 | 9.6 | 10.6 | 11.6 | 13.1 | 15.1 | 17.1 |
| 1.00 | 4.6 | 4.6 | 3500 | 7.75 | 8.62 | 1750 | 5.16 | 5.56 | 1160 | 3.77 | 4.13 | 6.4 | 8.9 | 9.9 | 10.9 | 12.4 | 14.4 | 16.4 |
| 1.00 | 5.0 | 5.0 | 3500 | 8.66 | 9.52 | 1750 | 5.83 | 6.15 | 1160 | 4.25 | 4.56 | --- | 8.3 | 9.3 | 10.3 | 11.8 | 13.8 | 15.8 |
| 1.00 | 5.2 | 5.2 | 3500 | 9.09 | 9.96 | 1750 | 6.15 | 6.44 | 1160 | 4.49 | 4.77 | --- | 8.0 | 9.0 | 10.0 | 11.5 | 13.5 | 15.5 |
| 1.00 | 6.0 | 6.0 | 3500 | 10.60 | 11.59 | 1750 | 7.42 | 7.57 | 1160 | 5.43 | 5.60 | --- | --- | 7.7 | 8.7 | 10.2 | 12.2 | 14.2 |
| 1.00 | 7.0 | 7.0 | 3500 | --- | --- | 1750 | 8.92 | 8.92 | 1160 | 6.56 | 6.61 | --- | --- | --- | --- | 8.7 | 10.7 | 12.7 |
| 1.03 | 5.6 | 5.8 | 3387 | 10.02 | 10.93 | 1693 | 6.86 | 7.08 | 1122 | 5.01 | 5.23 | --- | 7.2 | 8.2 | 9.2 | 10.7 | 12.7 | 14.7 |
| 1.04 | 5.0 | 5.2 | 3375 | 8.81 | 9.67 | 1687 | 5.90 | 6.23 | 1118 | 4.30 | 4.60 | 5.6 | 8.1 | 9.1 | 10.1 | 11.6 | 13.6 | 15.6 |
| 1.04 | 4.2 | 4.4 | 3354 | 6.94 | 7.85 | 1677 | 4.57 | 5.05 | 1111 | 3.34 | 3.75 | 6.9 | 9.4 | 10.4 | 11.4 | 12.9 | 14.9 | 16.9 |
| 1.05 | 3.6 | 3.8 | 3333 | 5.36 | 6.39 | 1666 | 3.54 | 4.13 | 1104 | 2.61 | 3.08 | 7.8 | 10.3 | 11.3 | 12.3 | 13.8 | 15.8 | 17.8 |
| 1.06 | 3.0 | 3.2 | 3304 | 3.64 | 4.83 | 1652 | 2.48 | 3.19 | 1095 | 1.86 | 2.40 | 8.8 | 11.3 | 12.3 | 13.3 | 14.8 | 16.8 | 18.8 |
| 1.06 | 6.0 | 6.4 | 3294 | 10.83 | 11.82 | 1647 | 7.54 | 7.69 | 1092 | 5.50 | 5.68 | --- | 6.4 | 7.4 | 8.4 | 9.9 | 11.9 | 13.9 |
| 1.07 | 5.2 | 5.6 | 3266 | 9.35 | 10.22 | 1633 | 6.28 | 6.57 | 1082 | 4.58 | 4.85 | --- | 7.7 | 8.7 | 9.7 | 11.2 | 13.2 | 15.2 |
| 1.08 | 4.6 | 5.0 | 3240 | 8.04 | 8.91 | 1620 | 5.31 | 5.71 | 1074 | 3.87 | 4.22 | 6.1 | 8.6 | 9.6 | 10.6 | 12.1 | 14.1 | 16.1 |
| 1.09 | 4.0 | 4.4 | 3207 | 6.57 | 7.51 | 1604 | 4.30 | 4.82 | 1063 | 3.14 | 3.57 | 7.1 | 9.6 | 10.6 | 11.6 | 13.1 | 15.1 | 17.1 |
| 1.09 | 6.0 | 6.6 | 3199 | 10.92 | 11.91 | 1600 | 7.58 | 7.73 | 1060 | 5.53 | 5.71 | --- | 6.3 | 7.3 | 8.3 | 9.8 | 11.8 | 13.8 |
| 1.10 | 5.6 | 6.2 | 3181 | 10.23 | 11.13 | 1590 | 6.96 | 7.18 | 1054 | 5.07 | 5.30 | --- | 6.9 | 7.9 | 8.9 | 10.4 | 12.4 | 14.4 |
| 1.10 | 3.6 | 4.0 | 3180 | 5.51 | 6.53 | 1590 | 3.61 | 4.21 | 1054 | 2.66 | 3.13 | 7.7 | 10.2 | 11.2 | 12.2 | 13.7 | 15.7 | 17.7 |
| 1.11 | 5.2 | 5.8 | 3160 | 9.45 | 10.31 | 1580 | 6.33 | 6.62 | 1047 | 4.61 | 4.89 | --- | 7.5 | 8.5 | 9.5 | 11.0 | 13.0 | 15.0 |
| 1.11 | 3.2 | 3.6 | 3148 | 4.38 | 5.52 | 1574 | 2.92 | 3.59 | 1043 | 2.16 | 2.68 | 8.3 | 10.8 | 11.8 | 12.8 | 14.3 | 16.3 | 18.3 |
| 1.12 | 4.8 | 5.4 | 3137 | 8.60 | 9.46 | 1568 | 5.69 | 6.05 | 1040 | 4.14 | 4.47 | 5.6 | 8.1 | 9.1 | 10.1 | 11.6 | 13.6 | 15.6 |
| 1.12 | 3.0 | 3.4 | 3130 | 3.80 | 5.00 | 1565 | 2.56 | 3.27 | 1037 | 1.91 | 2.46 | 8.6 | 11.1 | 12.1 | 13.1 | 14.6 | 16.6 | 18.6 |
| 1.13 | 4.2 | 4.8 | 3095 | 7.18 | 8.10 | 1547 | 4.69 | 5.17 | 1026 | 3.42 | 3.83 | 6.6 | 9.1 | 10.1 | 11.1 | 12.6 | 14.6 | 16.6 |
| 1.13 | 5.6 | 6.4 | 3087 | 10.31 | 11.21 | 1544 | 7.00 | 7.22 | 1023 | 5.10 | 5.33 | --- | 6.7 | 7.7 | 8.7 | 10.2 | 12.2 | 14.2 |
| 1.14 | 3.8 | 4.4 | 3061 | 6.16 | 7.14 | 1530 | 4.02 | 4.57 | 1014 | 2.94 | 3.39 | 7.2 | 9.7 | 10.7 | 11.7 | 13.2 | 15.2 | 17.2 |
| 1.15 | 5.0 | 5.8 | 3047 | 9.12 | 9.97 | 1523 | 6.05 | 6.38 | 1010 | 4.40 | 4.70 | --- | 7.7 | 8.7 | 9.7 | 11.2 | 13.2 | 15.2 |
| 1.15 | 3.6 | 4.2 | 3041 | 5.62 | 6.65 | 1521 | 3.67 | 4.27 | 1008 | 2.69 | 3.17 | 7.5 | 10.0 | 11.0 | 12.0 | 13.5 | 15.5 | 17.5 |
| ARC-LENGTH CORRECTION FACTOR > | | | | | | | | | | | | 0.74 | 0.79 | 0.81 | 0.82 | 0.84 | 0.87 | 0.89 |
| 1.16 | 6.0 | 7.0 | 3026 | 11.07 | 12.06 | 1513 | 7.65 | 7.80 | 1003 | 5.58 | 5.75 | --- | --- | 6.9 | 7.9 | 9.4 | 11.4 | 13.4 |
| 1.16 | 3.4 | 4.0 | 3021 | 5.07 | 6.15 | 1510 | 3.33 | 3.96 | 1001 | 2.45 | 2.95 | 7.8 | 10.3 | 11.3 | 12.3 | 13.8 | 15.8 | 17.8 |
| 1.16 | 4.6 | 5.4 | 3016 | 8.23 | 9.10 | 1508 | 5.40 | 5.80 | 999 | 3.93 | 4.28 | 5.8 | 8.3 | 9.3 | 10.3 | 11.8 | 13.8 | 15.8 |
| 1.17 | 3.2 | 3.8 | 2998 | 4.50 | 5.64 | 1499 | 2.98 | 3.65 | 993 | 2.20 | 2.72 | 8.1 | 10.7 | 11.7 | 12.7 | 14.2 | 16.2 | 18.2 |
| 1.18 | 3.0 | 3.6 | 2972 | 3.92 | 5.12 | 1486 | 2.62 | 3.34 | 985 | 1.95 | 2.50 | 8.5 | 11.0 | 12.0 | 13.0 | 14.5 | 16.5 | 18.5 |
| 1.18 | 4.0 | 4.8 | 2959 | 6.77 | 7.71 | 1480 | 4.40 | 4.92 | 981 | 3.21 | 3.64 | 6.7 | 9.2 | 10.2 | 11.2 | 12.7 | 14.7 | 16.7 |
| 1.19 | 5.0 | 6.0 | 2951 | 9.19 | 10.04 | 1476 | 6.09 | 6.41 | 978 | 4.43 | 4.73 | --- | 7.5 | 8.5 | 9.5 | 11.0 | 13.0 | 15.0 |
| 1.19 | 3.8 | 4.6 | 2938 | 6.25 | 7.23 | 1469 | 4.06 | 4.62 | 974 | 2.97 | 3.42 | 7.0 | 9.5 | 10.5 | 11.5 | 13.0 | 15.1 | 17.1 |
| 1.21 | 3.4 | 4.2 | 2889 | 5.16 | 6.24 | 1444 | 3.37 | 4.01 | 957 | 2.48 | 2.98 | 7.7 | 10.2 | 11.2 | 12.2 | 13.7 | 15.7 | 17.7 |
| 1.22 | 5.2 | 6.4 | 2881 | 9.66 | 10.53 | 1440 | 6.44 | 6.73 | 955 | 4.68 | 4.96 | --- | 7.0 | 8.0 | 9.0 | 10.5 | 12.5 | 14.5 |
| 1.23 | 4.0 | 5.0 | 2849 | 6.84 | 7.78 | 1425 | 4.44 | 4.95 | 944 | 3.23 | 3.66 | 6.6 | 9.1 | 10.1 | 11.1 | 12.6 | 14.6 | 16.6 |
| 1.23 | 5.6 | 7.0 | 2836 | 10.48 | 11.39 | 1418 | 7.09 | 7.31 | 940 | 5.16 | 5.38 | --- | 6.2 | 7.2 | 8.2 | 9.7 | 11.7 | 13.7 |
| 1.24 | 3.0 | 3.8 | 2830 | 4.02 | 5.21 | 1415 | 2.67 | 3.38 | 938 | 1.98 | 2.53 | 8.3 | 10.8 | 11.8 | 12.8 | 14.3 | 16.3 | 18.3 |
| 1.24 | 3.8 | 4.8 | 2824 | 6.32 | 7.30 | 1412 | 4.10 | 4.65 | 936 | 2.99 | 3.44 | 6.9 | 9.4 | 10.4 | 11.4 | 12.9 | 14.9 | 16.9 |
| 1.24 | 4.6 | 5.8 | 2820 | 8.36 | 9.23 | 1410 | 5.47 | 5.87 | 935 | 3.97 | 4.33 | 5.5 | 8.0 | 9.0 | 10.0 | 11.5 | 13.5 | 15.5 |
| 1.25 | 5.2 | 6.6 | 2798 | 9.71 | 10.57 | 1399 | 6.46 | 6.75 | 927 | 4.70 | 4.97 | --- | 6.9 | 7.9 | 8.9 | 10.4 | 12.4 | 14.4 |
| 1.26 | 4.2 | 5.4 | 2773 | 7.40 | 8.31 | 1387 | 4.80 | 5.28 | 919 | 3.50 | 3.90 | 6.1 | 8.6 | 9.6 | 10.6 | 12.1 | 14.1 | 16.1 |
| 1.27 | 6.4 | 8.2 | 2766 | 11.86 | 12.98 | 1383 | 8.35 | 8.44 | 917 | 6.10 | 6.22 | --- | --- | --- | --- | 8.1 | 10.1 | 12.2 |
| 1.27 | 4.8 | 6.2 | 2755 | 8.86 | 9.72 | 1378 | 5.82 | 6.18 | 913 | 4.23 | 4.55 | --- | 7.5 | 8.5 | 9.5 | 11.0 | 13.0 | 15.0 |
| 1.28 | 4.6 | 6.0 | 2732 | 8.41 | 9.28 | 1366 | 5.49 | 5.89 | 905 | 3.99 | 4.34 | 5.3 | 7.8 | 8.8 | 9.8 | 11.3 | 13.3 | 15.3 |
| 1.29 | 3.8 | 5.0 | 2719 | 6.38 | 7.36 | 1360 | 4.13 | 4.68 | 901 | 3.01 | 3.46 | 6.7 | 9.2 | 10.2 | 11.2 | 12.7 | 14.7 | 16.7 |
| 1.30 | 3.0 | 4.0 | 2701 | 4.09 | 5.28 | 1350 | 2.71 | 3.42 | 895 | 2.01 | 2.55 | 8.1 | 10.6 | 11.6 | 12.6 | 14.1 | 16.1 | 18.1 |
| 1.30 | 3.6 | 4.8 | 2689 | 5.84 | 6.87 | 1345 | 3.78 | 4.38 | 891 | 2.77 | 3.24 | 7.0 | 9.5 | 10.5 | 11.5 | 13.0 | 15.0 | 17.0 |
| 1.31 | 4.8 | 6.4 | 2674 | 8.90 | 9.76 | 1337 | 5.84 | 6.20 | 886 | 4.24 | 4.57 | --- | 7.3 | 8.3 | 9.3 | 10.8 | 12.8 | 14.8 |
| 1.32 | 4.0 | 5.4 | 2652 | 6.95 | 7.89 | 1326 | 4.49 | 5.01 | 879 | 3.27 | 3.70 | 6.2 | 8.7 | 9.7 | 10.7 | 12.3 | 14.3 | 16.3 |
| 1.32 | 5.2 | 7.0 | 2646 | 9.79 | 10.65 | 1323 | 6.50 | 6.79 | 877 | 4.72 | 5.00 | --- | 6.5 | 7.5 | 8.5 | 10.0 | 12.0 | 14.0 |
| 1.33 | 5.6 | 7.6 | 2623 | 10.59 | 11.50 | 1311 | 7.15 | 7.36 | 869 | 5.20 | 5.42 | --- | --- | 6.7 | 7.7 | 9.2 | 11.2 | 13.3 |
| 1.34 | 3.2 | 4.4 | 2621 | 4.72 | 5.86 | 1311 | 3.09 | 3.76 | 869 | 2.27 | 2.80 | 7.7 | 10.2 | 11.2 | 12.2 | 13.7 | 15.7 | 17.7 |
| 1.34 | 6.0 | 8.2 | 2603 | 11.31 | 12.31 | 1301 | 7.78 | 7.93 | 863 | 5.66 | 5.84 | --- | --- | --- | 6.9 | 8.4 | 10.4 | 12.5 |
| 1.35 | 4.2 | 5.8 | 2594 | 7.49 | 8.40 | 1297 | 4.85 | 5.32 | 860 | 3.52 | 3.93 | 5.7 | 8.3 | 9.3 | 10.3 | 11.8 | 13.8 | 15.8 |
| ARC-LENGTH CORRECTION FACTOR > | | | | | | | | | | | | 0.74 | 0.78 | 0.80 | 0.82 | 0.84 | 0.87 | 0.89 |

| | | | |
|-------------------------------|------------------------------|---|--|
| SHEAVES PAGES PT7-2-PT7-27 | BELTS PAGES PT7-28-PT7-41 | SELECTION: WEDGE PAGES PT7-42-PT7-83 | ENGINEERING/TECHNICAL PAGES PT7-123-PT7-128 |
|-------------------------------|------------------------------|---|--|

SELECTION

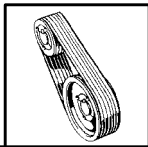


A S-L CLASSIC AX CLASSIC COG STOCK DRIVE SELECTIONS

| Belt Size/Center Distance | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------|---------------|---------------|
| Ratio | A48 AX48 | A51 AX51 | A53 AX53 | A55 AX55 | A60 AX60 | A64 AX64 | A66 AX66 | A68 AX68 | A71 AX71 | A75 AX75 | A78 AX78 | A80 AX80 | A85 AX85 | A90 AX90 | A96 AX96 | A105 AX105 | A112 AX112 | A120 AX120 | A128 AX128 |
| 1.00 | 19.9 | 21.4 | 22.4 | 23.4 | 25.9 | 27.9 | 28.9 | 29.9 | 31.4 | 33.4 | 34.9 | 35.9 | 38.4 | 40.9 | 43.9 | 48.4 | 51.9 | 55.9 | 59.9 |
| 1.00 | 19.3 | 20.8 | 21.8 | 22.8 | 25.3 | 27.3 | 28.3 | 29.3 | 30.8 | 32.8 | 34.3 | 35.3 | 37.8 | 40.3 | 43.3 | 47.8 | 51.3 | 55.3 | 59.3 |
| 1.00 | 18.7 | 20.2 | 21.2 | 22.2 | 24.7 | 26.7 | 27.7 | 28.7 | 30.2 | 32.2 | 33.7 | 34.7 | 37.2 | 39.7 | 42.7 | 47.2 | 50.7 | 54.7 | 58.7 |
| 1.00 | 18.1 | 19.6 | 20.6 | 21.6 | 24.1 | 26.1 | 27.1 | 28.1 | 29.6 | 31.6 | 33.1 | 34.1 | 36.6 | 39.1 | 42.1 | 46.6 | 50.1 | 54.1 | 58.1 |
| 1.00 | 17.4 | 18.9 | 19.9 | 20.9 | 23.4 | 25.4 | 26.4 | 27.4 | 28.9 | 30.9 | 32.4 | 33.4 | 35.9 | 38.4 | 41.4 | 45.9 | 49.4 | 53.4 | 57.4 |
| 1.00 | 16.8 | 18.3 | 19.3 | 20.3 | 22.8 | 24.8 | 25.8 | 26.8 | 28.3 | 30.3 | 31.8 | 32.8 | 35.3 | 37.8 | 40.8 | 45.3 | 48.8 | 52.8 | 56.8 |
| 1.00 | 16.5 | 18.0 | 19.0 | 20.0 | 22.5 | 24.5 | 25.5 | 26.5 | 28.0 | 30.0 | 31.5 | 32.5 | 35.0 | 37.5 | 40.5 | 45.0 | 48.5 | 52.5 | 56.5 |
| 1.00 | 15.2 | 16.7 | 17.7 | 18.7 | 21.2 | 23.2 | 24.2 | 25.2 | 26.7 | 28.7 | 30.2 | 31.2 | 33.7 | 36.2 | 39.2 | 43.7 | 47.2 | 51.2 | 55.2 |
| 1.00 | 13.7 | 15.2 | 16.2 | 17.2 | 19.7 | 21.7 | 22.7 | 23.7 | 25.2 | 27.2 | 28.7 | 29.7 | 32.2 | 34.7 | 37.7 | 42.2 | 45.7 | 49.7 | 53.7 |
| 1.03 | 15.7 | 17.2 | 18.2 | 19.2 | 21.7 | 23.7 | 24.7 | 25.7 | 27.2 | 29.2 | 30.7 | 31.7 | 34.2 | 36.7 | 39.7 | 44.2 | 47.7 | 51.7 | 55.7 |
| 1.04 | 16.6 | 18.1 | 19.1 | 20.1 | 22.6 | 24.6 | 25.6 | 26.6 | 28.1 | 30.1 | 31.6 | 32.6 | 35.1 | 37.6 | 40.6 | 45.1 | 48.6 | 52.6 | 56.6 |
| 1.04 | 17.9 | 19.4 | 20.4 | 21.4 | 23.9 | 25.9 | 26.9 | 27.9 | 29.4 | 31.4 | 32.9 | 33.9 | 36.4 | 38.9 | 41.9 | 46.4 | 49.9 | 53.9 | 57.9 |
| 1.05 | 18.8 | 20.3 | 21.3 | 22.3 | 24.8 | 26.8 | 27.8 | 28.8 | 30.3 | 32.3 | 33.8 | 34.8 | 37.3 | 39.8 | 42.8 | 47.3 | 50.8 | 54.8 | 58.8 |
| 1.06 | 19.8 | 21.3 | 22.3 | 23.3 | 25.8 | 27.8 | 28.8 | 29.8 | 31.3 | 33.3 | 34.8 | 35.8 | 38.3 | 40.8 | 43.8 | 48.3 | 51.8 | 55.8 | 59.8 |
| 1.06 | 14.9 | 16.4 | 17.4 | 18.4 | 20.9 | 22.9 | 23.9 | 24.9 | 26.4 | 28.4 | 29.9 | 30.9 | 33.4 | 35.9 | 38.9 | 43.4 | 46.9 | 50.9 | 54.9 |
| 1.07 | 16.2 | 17.7 | 18.7 | 19.7 | 22.2 | 24.2 | 25.2 | 26.2 | 27.7 | 29.7 | 31.2 | 32.2 | 34.7 | 37.2 | 40.2 | 44.7 | 48.2 | 52.2 | 56.2 |
| 1.08 | 17.1 | 18.6 | 19.6 | 20.6 | 23.1 | 25.1 | 26.1 | 27.1 | 28.6 | 30.6 | 32.1 | 33.1 | 35.6 | 38.1 | 41.1 | 45.6 | 49.1 | 53.1 | 57.1 |
| 1.09 | 18.1 | 19.6 | 20.6 | 21.6 | 24.1 | 26.1 | 27.1 | 28.1 | 29.6 | 31.6 | 33.1 | 34.1 | 36.6 | 39.1 | 42.1 | 46.6 | 50.1 | 54.1 | 58.1 |
| 1.09 | 14.8 | 16.3 | 17.3 | 18.3 | 20.8 | 22.8 | 23.8 | 24.8 | 26.3 | 28.3 | 29.8 | 30.8 | 33.3 | 35.8 | 38.8 | 43.3 | 46.8 | 50.8 | 54.8 |
| 1.10 | 15.4 | 16.9 | 17.9 | 18.9 | 21.4 | 23.4 | 24.4 | 25.4 | 26.9 | 28.9 | 30.4 | 31.4 | 33.9 | 36.4 | 39.4 | 43.9 | 47.4 | 51.4 | 55.4 |
| 1.10 | 18.7 | 20.2 | 21.2 | 22.2 | 24.7 | 26.7 | 27.7 | 28.7 | 30.2 | 32.2 | 33.7 | 34.7 | 37.2 | 39.7 | 42.7 | 47.2 | 50.7 | 54.7 | 58.7 |
| 1.11 | 16.0 | 17.5 | 18.5 | 19.5 | 22.0 | 24.0 | 25.0 | 26.0 | 27.5 | 29.5 | 31.0 | 32.0 | 34.5 | 37.0 | 40.0 | 44.5 | 48.0 | 52.0 | 56.0 |
| 1.11 | 19.3 | 20.8 | 21.8 | 22.8 | 25.3 | 27.3 | 28.3 | 29.3 | 30.8 | 32.8 | 34.3 | 35.3 | 37.8 | 40.3 | 43.3 | 47.8 | 51.3 | 55.3 | 59.3 |
| 1.12 | 16.6 | 18.1 | 19.1 | 20.1 | 22.6 | 24.6 | 25.6 | 26.6 | 28.1 | 30.1 | 31.6 | 32.6 | 35.1 | 37.6 | 40.6 | 45.1 | 48.6 | 52.6 | 56.6 |
| 1.12 | 19.6 | 21.1 | 22.1 | 23.1 | 25.6 | 27.6 | 28.6 | 29.6 | 31.1 | 33.1 | 34.6 | 35.6 | 38.1 | 40.6 | 43.6 | 48.1 | 51.6 | 55.6 | 59.6 |
| 1.13 | 17.6 | 19.1 | 20.1 | 21.1 | 23.6 | 25.6 | 26.6 | 27.6 | 29.1 | 31.1 | 32.6 | 33.6 | 36.1 | 38.6 | 41.6 | 46.1 | 49.6 | 53.6 | 57.6 |
| 1.13 | 15.2 | 16.7 | 17.7 | 18.7 | 21.2 | 23.2 | 24.2 | 25.2 | 26.7 | 28.7 | 30.2 | 31.2 | 33.7 | 36.2 | 39.2 | 43.7 | 47.2 | 51.2 | 55.2 |
| 1.14 | 18.2 | 19.7 | 20.7 | 21.7 | 24.2 | 26.2 | 27.2 | 28.2 | 29.7 | 31.7 | 33.2 | 34.2 | 36.7 | 39.2 | 42.2 | 46.7 | 50.2 | 54.2 | 58.2 |
| 1.15 | 16.2 | 17.7 | 18.7 | 19.7 | 22.2 | 24.2 | 25.2 | 26.2 | 27.7 | 29.7 | 31.2 | 32.2 | 34.7 | 37.2 | 40.2 | 44.7 | 48.2 | 52.2 | 56.2 |
| 1.15 | 18.5 | 20.0 | 21.0 | 22.0 | 24.5 | 26.5 | 27.5 | 28.5 | 30.0 | 32.0 | 33.5 | 34.5 | 37.0 | 39.5 | 42.5 | 47.0 | 50.5 | 54.5 | 58.5 |
| | 0.90 | 0.92 | 0.93 | 0.94 | 0.96 | 0.97 | 0.99 | 1.00 | 1.01 | 1.02 | 1.03 | 1.04 | 1.06 | 1.07 | 1.09 | 1.12 | 1.13 | 1.15 | 1.17 |
| 1.16 | 14.4 | 15.9 | 16.9 | 17.9 | 20.4 | 22.4 | 23.4 | 24.4 | 25.9 | 27.9 | 29.4 | 30.4 | 32.9 | 35.4 | 38.4 | 42.9 | 46.4 | 50.4 | 54.4 |
| 1.16 | 18.8 | 20.3 | 21.3 | 22.3 | 24.8 | 26.8 | 27.8 | 28.8 | 30.3 | 32.3 | 33.8 | 34.8 | 37.3 | 39.8 | 42.8 | 47.3 | 50.8 | 54.8 | 58.8 |
| 1.16 | 16.8 | 18.3 | 19.3 | 20.3 | 22.8 | 24.8 | 25.8 | 26.8 | 28.3 | 30.3 | 31.8 | 32.8 | 35.3 | 37.8 | 40.8 | 45.3 | 48.8 | 52.8 | 56.8 |
| 1.17 | 19.2 | 20.7 | 21.7 | 22.7 | 25.2 | 27.2 | 28.2 | 29.2 | 30.7 | 32.7 | 34.2 | 35.2 | 37.7 | 40.2 | 43.2 | 47.7 | 51.2 | 55.2 | 59.2 |
| 1.18 | 19.5 | 21.0 | 22.0 | 23.0 | 25.5 | 27.5 | 28.5 | 29.5 | 31.0 | 33.0 | 34.5 | 35.5 | 38.0 | 40.5 | 43.5 | 48.0 | 51.5 | 55.5 | 59.5 |
| 1.18 | 17.7 | 19.2 | 20.2 | 21.2 | 23.7 | 25.7 | 26.7 | 27.7 | 29.2 | 31.2 | 32.7 | 33.7 | 36.2 | 38.7 | 41.7 | 46.2 | 49.7 | 53.7 | 57.7 |
| 1.19 | 16.0 | 17.5 | 18.5 | 19.5 | 22.0 | 24.0 | 25.0 | 26.0 | 27.5 | 29.5 | 31.0 | 32.0 | 34.5 | 37.0 | 40.0 | 44.5 | 48.0 | 52.0 | 56.0 |
| 1.19 | 18.1 | 19.6 | 20.6 | 21.6 | 24.1 | 26.1 | 27.1 | 28.1 | 29.6 | 31.6 | 33.1 | 34.1 | 36.6 | 39.1 | 42.1 | 46.6 | 50.1 | 54.1 | 58.1 |
| 1.21 | 18.7 | 20.2 | 21.2 | 22.2 | 24.7 | 26.7 | 27.7 | 28.7 | 30.2 | 32.2 | 33.7 | 34.7 | 37.2 | 39.7 | 42.7 | 47.2 | 50.7 | 54.7 | 58.7 |
| 1.22 | 15.5 | 17.0 | 18.0 | 19.0 | 21.5 | 23.5 | 24.5 | 25.5 | 27.0 | 29.0 | 30.5 | 31.5 | 34.0 | 36.5 | 39.5 | 44.0 | 47.5 | 51.5 | 55.5 |
| 1.23 | 17.6 | 19.1 | 20.1 | 21.1 | 23.6 | 25.6 | 26.6 | 27.6 | 29.1 | 31.1 | 32.6 | 33.6 | 36.1 | 38.6 | 41.6 | 46.1 | 49.6 | 53.6 | 57.6 |
| 1.23 | 14.7 | 16.2 | 17.2 | 18.2 | 20.7 | 22.7 | 23.7 | 24.7 | 26.2 | 28.2 | 29.8 | 30.8 | 33.3 | 35.8 | 38.8 | 43.3 | 46.8 | 50.8 | 54.8 |
| 1.24 | 19.3 | 20.8 | 21.8 | 22.8 | 25.3 | 27.3 | 28.3 | 29.3 | 30.8 | 32.8 | 34.3 | 35.3 | 37.8 | 40.3 | 43.3 | 47.8 | 51.3 | 55.3 | 59.3 |
| 1.24 | 17.9 | 19.4 | 20.4 | 21.4 | 23.9 | 25.9 | 26.9 | 27.9 | 29.4 | 31.4 | 32.9 | 33.9 | 36.4 | 38.9 | 41.9 | 46.4 | 49.9 | 53.9 | 57.9 |
| 1.24 | 16.5 | 18.0 | 19.0 | 20.0 | 22.5 | 24.5 | 25.5 | 26.5 | 28.0 | 30.0 | 31.5 | 32.5 | 35.0 | 37.5 | 40.5 | 45.0 | 48.5 | 52.5 | 56.5 |
| 1.25 | 15.4 | 16.9 | 17.9 | 18.9 | 21.4 | 23.4 | 24.4 | 25.4 | 26.9 | 28.9 | 30.4 | 31.4 | 33.9 | 36.4 | 39.4 | 43.9 | 47.4 | 51.4 | 55.4 |
| 1.26 | 17.1 | 18.6 | 19.6 | 20.6 | 23.1 | 25.1 | 26.1 | 27.1 | 28.6 | 30.6 | 32.1 | 33.1 | 35.6 | 38.1 | 41.1 | 45.6 | 49.1 | 53.1 | 57.1 |
| 1.27 | 13.2 | 14.7 | 15.7 | 16.7 | 19.2 | 21.2 | 22.2 | 23.2 | 24.7 | 26.7 | 28.2 | 29.2 | 31.7 | 34.2 | 37.2 | 41.7 | 45.2 | 49.2 | 53.2 |
| 1.27 | 16.0 | 17.5 | 18.5 | 19.5 | 22.0 | 24.0 | 25.0 | 26.0 | 27.5 | 29.5 | 31.0 | 32.0 | 34.5 | 37.0 | 40.0 | 44.5 | 48.0 | 52.0 | 56.0 |
| 1.28 | 16.3 | 17.8 | 18.8 | 19.8 | 22.3 | 24.3 | 25.3 | 26.3 | 27.8 | 29.8 | 31.3 | 32.3 | 34.8 | 37.3 | 40.3 | 44.8 | 48.3 | 52.3 | 56.3 |
| 1.29 | 17.7 | 19.2 | 20.2 | 21.2 | 23.7 | 25.7 | 26.7 | 27.7 | 29.2 | 31.2 | 32.7 | 33.7 | 36.2 | 38.7 | 41.7 | 46.2 | 49.7 | 53.7 | 57.7 |
| 1.30 | 19.1 | 20.6 | 21.6 | 22.6 | 25.1 | 27.1 | 28.1 | 29.1 | 30.6 | 32.6 | 34.1 | 35.1 | 37.6 | 40.1 | 43.1 | 47.6 | 51.1 | 55.1 | 59.1 |
| 1.30 | 18.0 | 19.5 | 20.5 | 21.5 | 24.0 | 26.0 | 27.0 | 28.0 | 29.5 | 31.5 | 33.0 | 34.0 | 36.5 | 39.0 | 42.0 | 46.5 | 50.0 | 54.0 | 58.0 |
| 1.31 | 15.8 | 17.3 | 18.3 | 19.3 | 21.8 | 23.8 | 24.8 | 25.8 | 27.3 | 29.3 | 30.8 | 31.8 | 34.3 | 36.8 | 39.8 | 44.3 | 47.8 | 51.8 | 55.8 |
| 1.32 | 17.3 | 18.8 | 19.8 | 20.8 | 23.3 | 25.3 | 26.3 | 27.3 | 28.8 | 30.8 | 32.3 | 33.3 | 35.8 | 38.3 | 41.3 | 45.8 | 49.3 | 53.3 | 57.3 |
| 1.32 | 15.0 | 16.5 | 17.5 | 18.5 | 21.0 | 23.0 | 24.0 | 25.0 | 26.5 | 28.5 | 30.0 | 31.0 | 33.5 | 36.0 | 39.0 | 43.5 | 47.0 | 51.0 | 55.0 |
| 1.33 | 14.3 | 15.8 | 16.8 | 17.8 | 20.3 | 22.3 | 23.3 | 24.3 | 25.8 | 27.8 | 29.3 | 30.3 | 32.8 | 35.3 | 38.3 | 42.8 | 46.3 | 50.3 | 54.3 |
| 1.34 | 18.7 | 20.2 | 21.2 | 22.2 | 24.7 | 26.7 | 27.7 | 28.7 | 30.2 | 32.2 | 33.7 | 34.7 | 37.2 | 39.7 | 42.7 | 47.2 | 50.7 | 54.7 | 58.7 |
| 1.34 | 13.5 | 15.0 | 16.0 | 17.0 | 19.5 | 21.5 | 22.5 | 23.5 | 25.0 | 27.0 | 28.5 | 29.5 | 32.0 | 34.5 | 37.5 | 42.0 | 45.5 | 49.5 | 53.5 |
| 1.35 | 16.8 | 18.3 | 19.3 | 20.3 | 22.8 | 24.8 | 25.8 | 26.8 | 28.3 | 30.3 | 31.8 | 32.8 | 35.3 | 37.8 | 40.8 | 45.3 | 48.8 | 52.8 | 56.8 |
| | 0.90 | 0.92 | 0.93 | 0.94 | 0.96 | 0.97 | 0.99 | 1.00 | 1.01 | 1.02 | 1.03 | 1.04 | 1.06 | 1.07 | 1.09 | 1.11 | 1.13 | 1.15 | 1.17 |

| | | | |
|-------------------------------|------------------------------|---|--|
| SHEAVES PAGES PT7-2-PT7-27 | BELTS PAGES PT7-28-PT7-41 | SELECTION: WEDGE PAGES PT7-42-PT7-83 | ENGINEERING/TECHNICAL PAGES PT7-123-PT7-128 |
|-------------------------------|------------------------------|---|--|

SELECTION

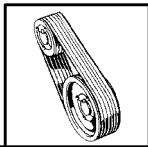


A S-L CLASSIC AX CLASSIC COG STOCK DRIVE SELECTIONS

| Ratio | Stock Shv. Datum Diam. | | 3500 RPM Driver | | | 1750 RPM Driver | | | 1160 RPM Driver | | | Belt Size/Center Distance | | | | | | |
|--|------------------------|--------|-----------------|-------------|-------|-----------------|-------------|------|-----------------|-------------|------|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| | Driver | Driven | Driven RPM | HP Per Belt | | Driven RPM | HP Per Belt | | Driven RPM | HP Per Belt | | A26 AX26 | A31 AX31 | A33 AX33 | A35 AX35 | A38 AX38 | A42 AX42 | A46 AX46 |
| | | | | A | AX | | A | AX | | A | AX | | | | | | | |
| 1.36 | 3.0 | 4.2 | 2583 | 4.14 | 5.34 | 1291 | 2.73 | 3.44 | 856 | 2.02 | 2.57 | 8.0 | 10.5 | 11.5 | 12.5 | 14.0 | 16.0 | 18.0 |
| 1.36 | 4.6 | 6.4 | 2571 | 8.48 | 9.35 | 1285 | 5.53 | 5.93 | 852 | 4.01 | 4.37 | --- | 7.5 | 8.5 | 9.5 | 11.0 | 13.0 | 15.0 |
| 1.37 | 5.0 | 7.0 | 2551 | 9.40 | 10.26 | 1276 | 6.19 | 6.52 | 846 | 4.50 | 4.80 | --- | 6.7 | 7.7 | 8.7 | 10.2 | 12.2 | 14.2 |
| 1.38 | 3.8 | 5.4 | 2531 | 6.46 | 7.45 | 1266 | 4.17 | 4.72 | 839 | 3.04 | 3.49 | 6.4 | 8.9 | 9.9 | 10.9 | 12.4 | 14.4 | 16.4 |
| 1.38 | 6.4 | 9.0 | 2530 | 11.97 | 13.09 | 1265 | 8.41 | 8.49 | 838 | 6.13 | 6.25 | --- | --- | --- | --- | 7.4 | 9.5 | 11.5 |
| 1.40 | 4.6 | 6.6 | 2497 | 8.51 | 9.38 | 1249 | 5.54 | 5.94 | 828 | 4.02 | 4.38 | --- | 7.3 | 8.3 | 9.3 | 10.8 | 12.8 | 14.8 |
| 1.40 | 3.6 | 5.2 | 2496 | 5.92 | 6.95 | 1248 | 3.82 | 4.42 | 827 | 2.79 | 3.27 | 6.7 | 9.2 | 10.2 | 11.2 | 12.7 | 14.7 | 16.7 |
| 1.41 | 3.0 | 4.4 | 2475 | 4.18 | 5.38 | 1237 | 2.75 | 3.47 | 820 | 2.04 | 2.58 | 7.8 | 10.3 | 11.3 | 12.3 | 13.8 | 15.8 | 17.8 |
| 1.42 | 4.8 | 7.0 | 2457 | 8.99 | 9.85 | 1228 | 5.88 | 6.25 | 814 | 4.27 | 4.60 | --- | 6.8 | 7.8 | 8.8 | 10.3 | 12.3 | 14.3 |
| 1.43 | 5.6 | 8.2 | 2439 | 10.66 | 11.57 | 1220 | 7.18 | 7.40 | 808 | 5.22 | 5.44 | --- | --- | --- | 7.2 | 8.7 | 10.7 | 12.8 |
| 1.44 | 4.2 | 6.2 | 2436 | 7.55 | 8.46 | 1218 | 4.88 | 5.35 | 807 | 3.54 | 3.95 | 5.4 | 7.9 | 8.9 | 9.9 | 11.4 | 13.4 | 15.5 |
| 1.45 | 3.2 | 4.8 | 2419 | 4.80 | 5.94 | 1209 | 3.13 | 3.80 | 802 | 2.30 | 2.82 | 7.3 | 9.8 | 10.8 | 11.8 | 13.3 | 15.3 | 17.4 |
| 1.47 | 3.0 | 4.6 | 2376 | 4.22 | 5.41 | 1188 | 2.77 | 3.48 | 787 | 2.05 | 2.60 | 7.6 | 10.2 | 11.2 | 12.2 | 13.7 | 15.7 | 17.7 |
| 1.48 | 3.8 | 5.8 | 2367 | 6.52 | 7.50 | 1184 | 4.20 | 4.75 | 785 | 3.06 | 3.51 | 6.0 | 8.6 | 9.6 | 10.6 | 12.1 | 14.1 | 16.1 |
| 1.48 | 4.6 | 7.0 | 2362 | 8.56 | 9.43 | 1181 | 5.56 | 5.97 | 783 | 4.04 | 4.39 | --- | 6.9 | 8.0 | 9.0 | 10.5 | 12.5 | 14.5 |
| 1.50 | 4.0 | 6.2 | 2330 | 7.07 | 8.01 | 1165 | 4.55 | 5.07 | 772 | 3.31 | 3.74 | 5.5 | 8.1 | 9.1 | 10.1 | 11.6 | 13.6 | 15.6 |
| 1.50 | 3.2 | 5.0 | 2329 | 4.83 | 5.97 | 1164 | 3.14 | 3.81 | 772 | 2.31 | 2.83 | 7.2 | 9.7 | 10.7 | 11.7 | 13.2 | 15.2 | 17.2 |
| 1.53 | 3.4 | 5.4 | 2289 | 5.42 | 6.50 | 1144 | 3.50 | 4.14 | 759 | 2.56 | 3.07 | 6.7 | 9.2 | 10.2 | 11.2 | 12.7 | 14.7 | 16.7 |
| 1.53 | 3.0 | 4.8 | 2284 | 4.24 | 5.44 | 1142 | 2.78 | 3.50 | 757 | 2.06 | 2.60 | 7.5 | 10.0 | 11.0 | 12.0 | 13.5 | 15.5 | 17.5 |
| 1.54 | 5.2 | 8.2 | 2276 | 9.92 | 10.79 | 1138 | 6.57 | 6.86 | 754 | 4.77 | 5.04 | --- | --- | 6.5 | 7.5 | 9.0 | 11.0 | 13.0 |
| 1.55 | 4.0 | 6.4 | 2261 | 7.08 | 8.03 | 1131 | 4.56 | 5.08 | 749 | 3.32 | 3.74 | 5.4 | 7.9 | 8.9 | 9.9 | 11.4 | 13.4 | 15.4 |
| 1.56 | 3.2 | 5.2 | 2246 | 4.85 | 5.99 | 1123 | 3.15 | 3.82 | 744 | 2.32 | 2.84 | 7.0 | 9.5 | 10.5 | 11.5 | 13.0 | 15.0 | 17.0 |
| 1.57 | 5.6 | 9.0 | 2231 | 10.73 | 11.64 | 1116 | 7.21 | 7.43 | 740 | 5.24 | 5.46 | --- | --- | --- | --- | 8.0 | 10.0 | 12.1 |
| 1.59 | 3.0 | 5.0 | 2199 | 4.27 | 5.46 | 1099 | 2.79 | 3.51 | 729 | 2.06 | 2.61 | 7.3 | 9.8 | 10.8 | 11.8 | 13.3 | 15.3 | 17.3 |
| 1.59 | 4.0 | 6.6 | 2196 | 7.10 | 8.05 | 1098 | 4.57 | 5.08 | 728 | 3.32 | 3.75 | --- | 7.7 | 8.7 | 9.7 | 11.3 | 13.3 | 15.3 |
| 1.59 | 5.0 | 8.2 | 2195 | 9.51 | 10.37 | 1097 | 6.25 | 6.58 | 727 | 4.53 | 4.84 | --- | --- | 6.6 | 7.6 | 9.1 | 11.2 | 13.2 |
| 1.60 | 3.6 | 6.0 | 2183 | 6.02 | 7.05 | 1092 | 3.87 | 4.47 | 724 | 2.82 | 3.30 | 6.0 | 8.5 | 9.5 | 10.5 | 12.1 | 14.1 | 16.1 |
| 1.61 | 4.2 | 7.0 | 2172 | 7.62 | 8.54 | 1086 | 4.91 | 5.39 | 720 | 3.57 | 3.97 | --- | 7.2 | 8.2 | 9.3 | 10.8 | 12.8 | 14.8 |
| 1.61 | 3.2 | 5.4 | 2168 | 4.87 | 6.01 | 1084 | 3.16 | 3.83 | 718 | 2.32 | 2.85 | 6.8 | 9.3 | 10.3 | 11.3 | 12.9 | 14.9 | 16.9 |
| 1.65 | 3.0 | 5.2 | 2120 | 4.28 | 5.48 | 1060 | 2.80 | 3.52 | 703 | 2.07 | 2.62 | 7.1 | 9.7 | 10.7 | 11.7 | 13.2 | 15.2 | 17.2 |
| ARC-LENGTH CORRECTION FACTOR > | | | | | | | | | | | | 0.73 | 0.78 | 0.80 | 0.81 | 0.83 | 0.86 | 0.89 |
| 1.65 | 3.6 | 6.2 | 2117 | 6.03 | 7.06 | 1059 | 3.88 | 4.47 | 702 | 2.83 | 3.31 | 5.8 | 8.4 | 9.4 | 10.4 | 11.9 | 13.9 | 15.9 |
| 1.66 | 4.8 | 8.2 | 2113 | 9.09 | 9.95 | 1057 | 5.93 | 6.29 | 700 | 4.30 | 4.63 | --- | --- | 6.7 | 7.8 | 9.3 | 11.3 | 13.3 |
| 1.67 | 3.8 | 6.6 | 2096 | 6.59 | 7.57 | 1048 | 4.23 | 4.79 | 695 | 3.08 | 3.53 | 5.3 | 7.9 | 8.9 | 9.9 | 11.4 | 13.4 | 15.4 |
| 1.68 | 5.2 | 9.0 | 2082 | 9.97 | 10.83 | 1041 | 6.59 | 6.88 | 690 | 4.78 | 5.06 | --- | --- | --- | 6.7 | 8.3 | 10.3 | 12.4 |
| 1.69 | 3.4 | 6.0 | 2074 | 5.47 | 6.55 | 1037 | 3.53 | 4.16 | 687 | 2.58 | 3.08 | 6.1 | 8.7 | 9.7 | 10.7 | 12.2 | 14.2 | 16.2 |
| 1.71 | 3.0 | 5.4 | 2047 | 4.30 | 5.49 | 1023 | 2.81 | 3.52 | 678 | 2.08 | 2.62 | 7.0 | 9.5 | 10.5 | 11.5 | 13.0 | 15.0 | 17.0 |
| 1.72 | 6.0 | 10.6 | 2034 | 11.48 | 12.47 | 1017 | 7.86 | 8.01 | 674 | 5.72 | 5.89 | --- | --- | --- | --- | --- | 8.3 | 10.4 |
| 1.72 | 4.6 | 8.2 | 2031 | 8.64 | 9.51 | 1016 | 5.60 | 6.01 | 673 | 4.07 | 4.42 | --- | --- | 6.9 | 7.9 | 9.4 | 11.5 | 13.5 |
| 1.74 | 3.4 | 6.2 | 2011 | 5.49 | 6.57 | 1005 | 3.53 | 4.17 | 666 | 2.59 | 3.09 | 5.9 | 8.5 | 9.5 | 10.5 | 12.0 | 14.0 | 16.1 |
| 1.77 | 3.8 | 7.0 | 1982 | 6.61 | 7.59 | 991 | 4.24 | 4.80 | 657 | 3.09 | 3.54 | --- | 7.5 | 8.5 | 9.5 | 11.1 | 13.1 | 15.1 |
| 1.77 | 3.0 | 5.6 | 1978 | 4.31 | 5.51 | 989 | 2.82 | 3.53 | 656 | 2.08 | 2.63 | 6.8 | 9.3 | 10.3 | 11.3 | 12.8 | 14.8 | 16.8 |
| 1.79 | 3.4 | 6.4 | 1951 | 5.50 | 6.58 | 976 | 3.54 | 4.17 | 647 | 2.59 | 3.09 | 5.8 | 8.3 | 9.3 | 10.3 | 11.9 | 13.9 | 15.9 |
| 1.81 | 4.8 | 9.0 | 1933 | 9.12 | 9.98 | 966 | 5.95 | 6.31 | 641 | 4.31 | 4.64 | --- | --- | --- | 7.0 | 8.6 | 10.6 | 12.6 |
| 1.82 | 4.0 | 7.6 | 1921 | 7.15 | 8.10 | 961 | 4.59 | 5.11 | 637 | 3.34 | 3.77 | --- | 6.8 | 7.8 | 8.9 | 10.4 | 12.4 | 14.4 |
| 1.83 | 3.0 | 5.8 | 1914 | 4.32 | 5.52 | 957 | 2.82 | 3.53 | 634 | 2.08 | 2.63 | 6.6 | 9.1 | 10.1 | 11.2 | 12.7 | 14.7 | 16.7 |
| 1.84 | 5.6 | 10.6 | 1906 | 10.79 | 11.70 | 953 | 7.25 | 7.46 | 632 | 5.26 | 5.49 | --- | --- | --- | --- | --- | 8.6 | 10.6 |
| 1.85 | 3.4 | 6.6 | 1895 | 5.51 | 6.58 | 948 | 3.54 | 4.18 | 628 | 2.59 | 3.09 | 5.6 | 8.1 | 9.2 | 10.2 | 11.7 | 13.7 | 15.7 |
| 1.87 | 4.2 | 8.2 | 1868 | 7.68 | 8.59 | 934 | 4.94 | 5.42 | 619 | 3.59 | 3.99 | --- | 6.1 | 7.1 | 8.2 | 9.7 | 11.7 | 13.8 |
| 1.88 | 4.6 | 9.0 | 1858 | 8.67 | 9.53 | 929 | 5.62 | 6.02 | 616 | 4.07 | 4.43 | --- | --- | --- | 7.1 | 8.7 | 10.7 | 12.8 |
| 1.89 | 3.0 | 6.0 | 1854 | 4.33 | 5.53 | 927 | 2.83 | 3.54 | 615 | 2.09 | 2.63 | 6.4 | 9.0 | 10.0 | 11.0 | 12.5 | 14.5 | 16.5 |
| 1.91 | 3.8 | 7.6 | 1833 | 6.63 | 7.62 | 917 | 4.25 | 4.81 | 608 | 3.10 | 3.55 | --- | 6.9 | 8.0 | 9.0 | 10.5 | 12.6 | 14.6 |
| 1.95 | 3.0 | 6.2 | 1798 | 4.34 | 5.53 | 899 | 2.83 | 3.54 | 596 | 2.09 | 2.64 | 6.2 | 8.8 | 9.8 | 10.8 | 12.3 | 14.3 | 16.3 |
| 1.95 | 3.4 | 7.0 | 1793 | 5.52 | 6.60 | 896 | 3.55 | 4.18 | 594 | 2.60 | 3.10 | 5.2 | 7.8 | 8.8 | 9.8 | 11.3 | 13.4 | 15.4 |
| 1.96 | 4.0 | 8.2 | 1787 | 7.17 | 8.12 | 893 | 4.60 | 5.12 | 592 | 3.35 | 3.77 | --- | 6.2 | 7.3 | 8.3 | 9.8 | 11.9 | 13.9 |
| 1.97 | 5.2 | 10.6 | 1779 | 10.01 | 10.88 | 889 | 6.61 | 6.90 | 590 | 4.80 | 5.07 | --- | --- | --- | --- | --- | 8.8 | 10.9 |
| 2.00 | 6.4 | 13.2 | 1747 | 12.15 | 13.27 | 874 | 8.50 | 8.58 | 579 | 6.19 | 6.31 | --- | --- | --- | --- | --- | --- | --- |
| 2.01 | 3.6 | 7.6 | 1746 | 6.09 | 7.12 | 873 | 3.91 | 4.50 | 579 | 2.85 | 3.33 | --- | 7.1 | 8.1 | 9.1 | 10.7 | 12.7 | 14.7 |
| 2.01 | 3.0 | 6.4 | 1745 | 4.34 | 5.54 | 872 | 2.83 | 3.55 | 578 | 2.09 | 2.64 | 6.0 | 8.6 | 9.6 | 10.6 | 12.2 | 14.2 | 16.2 |
| 2.04 | 5.0 | 10.6 | 1715 | 9.59 | 10.45 | 857 | 6.29 | 6.62 | 568 | 4.56 | 4.86 | --- | --- | --- | --- | --- | 9.0 | 11.0 |
| 2.05 | 3.8 | 8.2 | 1705 | 6.65 | 7.63 | 853 | 4.26 | 4.82 | 565 | 3.10 | 3.55 | --- | 6.3 | 7.4 | 8.4 | 10.0 | 12.0 | 14.1 |
| ARC-LENGTH CORRECTION FACTOR > | | | | | | | | | | | | 0.73 | 0.78 | 0.80 | 0.81 | 0.83 | 0.86 | 0.89 |

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| SHEAVES PAGES PT7-2-PT7-27 | BELTS PAGES PT7-28-PT7-41 | SELECTION: WEDGE PAGES PT7-42-PT7-83 | ENGINEERING/TECHNICAL PAGES PT7-123-PT7-128 |
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SELECTION

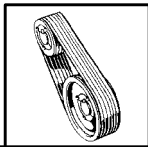


A S-L CLASSIC AX CLASSIC COG STOCK DRIVE SELECTIONS

| Belt Size/Center Distance | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------|---------------|---------------|
| Ratio | A48 AX48 | A51 AX51 | A53 AX53 | A55 AX55 | A60 AX60 | A64 AX64 | A66 AX66 | A68 AX68 | A71 AX71 | A75 AX75 | A78 AX78 | A80 AX80 | A85 AX85 | A90 AX90 | A96 AX96 | A105 AX105 | A112 AX112 | A120 AX120 | A128 AX128 |
| 1.36 | 19.0 | 20.5 | 21.5 | 22.5 | 25.0 | 27.0 | 28.0 | 29.0 | 30.5 | 32.5 | 34.0 | 35.0 | 37.5 | 40.0 | 43.0 | 47.5 | 51.0 | 55.0 | 59.0 |
| 1.36 | 16.0 | 17.5 | 18.5 | 19.5 | 22.0 | 24.0 | 25.0 | 26.0 | 27.5 | 29.5 | 31.0 | 32.0 | 34.5 | 37.0 | 40.0 | 44.5 | 48.0 | 52.0 | 56.0 |
| 1.37 | 15.2 | 16.7 | 17.7 | 18.7 | 21.2 | 23.2 | 24.2 | 25.2 | 26.7 | 28.7 | 30.2 | 31.2 | 33.7 | 36.2 | 39.2 | 43.7 | 47.2 | 51.2 | 55.2 |
| 1.38 | 17.4 | 18.9 | 19.9 | 20.9 | 23.4 | 25.4 | 26.4 | 27.4 | 28.9 | 30.9 | 32.4 | 33.4 | 35.9 | 38.4 | 41.4 | 45.9 | 49.4 | 53.4 | 57.4 |
| 1.38 | 12.5 | 14.0 | 15.0 | 16.0 | 18.5 | 20.5 | 21.5 | 22.5 | 24.0 | 26.0 | 27.5 | 28.5 | 31.0 | 33.5 | 36.5 | 41.0 | 44.5 | 48.5 | 52.5 |
| 1.40 | 15.8 | 17.3 | 18.3 | 19.3 | 21.8 | 23.8 | 24.8 | 25.8 | 27.3 | 29.3 | 30.8 | 31.8 | 34.3 | 36.8 | 39.8 | 44.3 | 47.8 | 51.8 | 55.8 |
| 1.40 | 17.7 | 19.2 | 20.2 | 21.2 | 23.7 | 25.7 | 26.7 | 27.7 | 29.2 | 31.2 | 32.7 | 33.7 | 36.2 | 38.7 | 41.7 | 46.2 | 49.7 | 53.7 | 57.7 |
| 1.41 | 18.8 | 20.3 | 21.3 | 22.3 | 24.8 | 26.8 | 27.8 | 28.8 | 30.3 | 32.3 | 33.8 | 34.8 | 37.3 | 39.8 | 42.8 | 47.3 | 50.8 | 54.8 | 58.8 |
| 1.42 | 15.3 | 16.9 | 17.9 | 18.9 | 21.4 | 23.4 | 24.4 | 25.4 | 26.9 | 28.9 | 30.4 | 31.4 | 33.9 | 36.4 | 39.4 | 43.9 | 47.4 | 51.4 | 55.4 |
| 1.43 | 13.8 | 15.3 | 16.3 | 17.3 | 19.8 | 21.8 | 22.8 | 23.8 | 25.3 | 27.3 | 28.8 | 29.8 | 32.3 | 34.8 | 37.8 | 42.3 | 45.8 | 49.8 | 53.8 |
| 1.44 | 16.5 | 18.0 | 19.0 | 20.0 | 22.5 | 24.5 | 25.5 | 26.5 | 28.0 | 30.0 | 31.5 | 32.5 | 35.0 | 37.5 | 40.5 | 45.0 | 48.5 | 52.5 | 56.5 |
| 1.45 | 18.4 | 19.9 | 20.9 | 21.9 | 24.4 | 26.4 | 27.4 | 28.4 | 29.9 | 31.9 | 33.4 | 34.4 | 36.9 | 39.4 | 42.4 | 46.9 | 50.4 | 54.4 | 58.4 |
| 1.47 | 18.7 | 20.2 | 21.2 | 22.2 | 24.7 | 26.7 | 27.7 | 28.7 | 30.2 | 32.2 | 33.7 | 34.7 | 37.2 | 39.7 | 42.7 | 47.2 | 50.7 | 54.7 | 58.7 |
| 1.48 | 17.1 | 18.6 | 19.6 | 20.6 | 23.1 | 25.1 | 26.1 | 27.1 | 28.6 | 30.6 | 32.1 | 33.1 | 35.6 | 38.1 | 41.1 | 45.6 | 49.1 | 53.1 | 57.1 |
| 1.48 | 15.5 | 17.0 | 18.0 | 19.0 | 21.5 | 23.5 | 24.5 | 25.5 | 27.0 | 29.0 | 30.5 | 31.5 | 34.0 | 36.5 | 39.5 | 44.0 | 47.5 | 51.5 | 55.5 |
| 1.50 | 16.6 | 18.1 | 19.1 | 20.1 | 22.6 | 24.6 | 25.6 | 26.6 | 28.1 | 30.1 | 31.6 | 32.6 | 35.1 | 37.6 | 40.6 | 45.1 | 48.6 | 52.6 | 56.6 |
| 1.50 | 18.2 | 19.7 | 20.7 | 21.7 | 24.2 | 26.2 | 27.2 | 28.2 | 29.7 | 31.7 | 33.2 | 34.2 | 36.7 | 39.2 | 42.2 | 46.7 | 50.2 | 54.2 | 58.2 |
| 1.53 | 17.7 | 19.2 | 20.2 | 21.2 | 23.7 | 25.7 | 26.7 | 27.7 | 29.2 | 31.2 | 32.7 | 33.7 | 36.2 | 38.7 | 41.7 | 46.2 | 49.7 | 53.7 | 57.7 |
| 1.53 | 18.5 | 20.0 | 21.0 | 22.0 | 24.5 | 26.5 | 27.5 | 28.5 | 30.0 | 32.0 | 33.5 | 34.5 | 37.0 | 39.5 | 42.5 | 47.0 | 50.5 | 54.5 | 58.5 |
| 1.54 | 14.1 | 15.6 | 16.6 | 17.6 | 20.1 | 22.1 | 23.1 | 24.1 | 25.6 | 27.6 | 29.1 | 30.1 | 32.6 | 35.1 | 38.1 | 42.6 | 46.1 | 50.1 | 54.1 |
| 1.55 | 16.4 | 17.9 | 18.9 | 19.9 | 22.5 | 24.5 | 25.5 | 26.5 | 28.0 | 30.0 | 31.5 | 32.5 | 35.0 | 37.5 | 40.5 | 45.0 | 48.5 | 52.5 | 56.5 |
| 1.56 | 18.0 | 19.5 | 20.5 | 21.5 | 24.0 | 26.0 | 27.0 | 28.0 | 29.5 | 31.5 | 33.0 | 34.0 | 36.5 | 39.0 | 42.0 | 46.5 | 50.0 | 54.0 | 58.0 |
| 1.57 | 13.1 | 14.6 | 15.6 | 16.6 | 19.1 | 21.1 | 22.1 | 23.1 | 24.6 | 26.6 | 28.1 | 29.1 | 31.6 | 34.1 | 37.2 | 41.7 | 45.2 | 49.2 | 53.2 |
| 1.59 | 18.3 | 19.8 | 20.8 | 21.8 | 24.3 | 26.4 | 27.4 | 28.4 | 29.9 | 31.9 | 33.4 | 34.4 | 36.9 | 39.4 | 42.4 | 46.9 | 50.4 | 54.4 | 58.4 |
| 1.59 | 16.3 | 17.8 | 18.8 | 19.8 | 22.3 | 24.3 | 25.3 | 26.3 | 27.8 | 29.8 | 31.3 | 32.3 | 34.8 | 37.3 | 40.3 | 44.8 | 48.3 | 52.3 | 56.3 |
| 1.59 | 14.2 | 15.7 | 16.7 | 17.7 | 20.2 | 22.2 | 23.2 | 24.2 | 25.7 | 27.7 | 29.2 | 30.2 | 32.7 | 35.3 | 38.3 | 42.8 | 46.3 | 50.3 | 54.3 |
| 1.60 | 17.1 | 18.6 | 19.6 | 20.6 | 23.1 | 25.1 | 26.1 | 27.1 | 28.6 | 30.6 | 32.1 | 33.1 | 35.6 | 38.1 | 41.1 | 45.6 | 49.1 | 53.1 | 57.1 |
| 1.61 | 15.8 | 17.3 | 18.3 | 19.3 | 21.8 | 23.8 | 24.8 | 25.8 | 27.3 | 29.3 | 30.8 | 31.8 | 34.3 | 36.8 | 39.8 | 44.3 | 47.8 | 51.8 | 55.8 |
| 1.61 | 17.9 | 19.4 | 20.4 | 21.4 | 23.9 | 25.9 | 26.9 | 27.9 | 29.4 | 31.4 | 32.9 | 33.9 | 36.4 | 38.9 | 41.9 | 46.4 | 49.9 | 53.9 | 57.9 |
| 1.65 | 18.2 | 19.7 | 20.7 | 21.7 | 24.2 | 26.2 | 27.2 | 28.2 | 29.7 | 31.7 | 33.2 | 34.2 | 36.7 | 39.2 | 42.2 | 46.7 | 50.2 | 54.2 | 58.2 |
| | 0.90 | 0.91 | 0.93 | 0.94 | 0.96 | 0.97 | 0.98 | 0.99 | 1.00 | 1.02 | 1.03 | 1.04 | 1.05 | 1.07 | 1.09 | 1.11 | 1.13 | 1.15 | 1.17 |
| 1.65 | 16.9 | 18.4 | 19.4 | 20.4 | 22.9 | 24.9 | 25.9 | 26.9 | 28.4 | 30.4 | 31.9 | 32.9 | 35.4 | 37.9 | 40.9 | 45.4 | 48.9 | 52.9 | 56.9 |
| 1.66 | 14.3 | 15.9 | 16.9 | 17.9 | 20.4 | 22.4 | 23.4 | 24.4 | 25.9 | 27.9 | 29.4 | 30.4 | 32.9 | 35.4 | 38.4 | 42.9 | 46.4 | 50.4 | 54.4 |
| 1.67 | 16.4 | 17.9 | 18.9 | 19.9 | 22.4 | 24.4 | 25.4 | 26.4 | 28.0 | 30.0 | 31.5 | 32.5 | 35.0 | 37.5 | 40.5 | 45.0 | 48.5 | 52.5 | 56.5 |
| 1.68 | 13.4 | 14.9 | 15.9 | 16.9 | 19.4 | 21.4 | 22.4 | 23.4 | 24.9 | 26.9 | 28.4 | 29.4 | 31.9 | 34.5 | 37.5 | 42.0 | 45.5 | 49.5 | 53.5 |
| 1.69 | 17.2 | 18.7 | 19.7 | 20.7 | 23.2 | 25.2 | 26.2 | 27.2 | 28.7 | 30.7 | 32.2 | 33.2 | 35.7 | 38.2 | 41.3 | 45.8 | 49.3 | 53.3 | 57.3 |
| 1.71 | 18.0 | 19.5 | 20.5 | 21.5 | 24.0 | 26.0 | 27.0 | 28.0 | 29.5 | 31.5 | 33.0 | 34.0 | 36.5 | 39.0 | 42.0 | 46.5 | 50.0 | 54.0 | 58.0 |
| 1.72 | 11.4 | 12.9 | 13.9 | 14.9 | 17.5 | 19.5 | 20.5 | 21.5 | 23.0 | 25.0 | 26.5 | 27.5 | 30.0 | 32.5 | 35.5 | 40.1 | 43.6 | 47.6 | 51.6 |
| 1.72 | 14.5 | 16.0 | 17.0 | 18.0 | 20.5 | 22.5 | 23.5 | 24.5 | 26.0 | 28.0 | 29.5 | 30.5 | 33.1 | 35.6 | 38.6 | 43.1 | 46.6 | 50.6 | 54.6 |
| 1.74 | 17.1 | 18.6 | 19.6 | 20.6 | 23.1 | 25.1 | 26.1 | 27.1 | 28.6 | 30.6 | 32.1 | 33.1 | 35.6 | 38.1 | 41.1 | 45.6 | 49.1 | 53.1 | 57.1 |
| 1.77 | 16.1 | 17.6 | 18.6 | 19.6 | 22.1 | 24.1 | 25.1 | 26.1 | 27.6 | 29.6 | 31.1 | 32.1 | 34.6 | 37.1 | 40.1 | 44.6 | 48.1 | 52.1 | 56.1 |
| 1.77 | 17.9 | 19.4 | 20.4 | 21.4 | 23.9 | 25.9 | 26.9 | 27.9 | 29.4 | 31.4 | 32.9 | 33.9 | 36.4 | 38.9 | 41.9 | 46.4 | 49.9 | 53.9 | 57.9 |
| 1.79 | 16.9 | 18.4 | 19.4 | 20.4 | 22.9 | 24.9 | 25.9 | 26.9 | 28.4 | 30.4 | 31.9 | 32.9 | 35.4 | 37.9 | 40.9 | 45.4 | 48.9 | 52.9 | 56.9 |
| 1.81 | 13.7 | 15.2 | 16.2 | 17.2 | 19.7 | 21.7 | 22.7 | 23.7 | 25.2 | 27.2 | 28.7 | 29.7 | 32.2 | 34.8 | 37.8 | 42.3 | 45.8 | 49.8 | 53.8 |
| 1.82 | 15.4 | 16.9 | 18.0 | 19.0 | 21.5 | 23.5 | 24.5 | 25.5 | 27.0 | 29.0 | 30.5 | 31.5 | 34.0 | 36.5 | 39.5 | 44.0 | 47.5 | 51.5 | 55.5 |
| 1.83 | 17.7 | 19.2 | 20.2 | 21.2 | 23.7 | 25.7 | 26.7 | 27.7 | 29.2 | 31.2 | 32.7 | 33.7 | 36.2 | 38.7 | 41.7 | 46.2 | 49.7 | 53.7 | 57.7 |
| 1.84 | 11.7 | 13.2 | 14.2 | 15.2 | 17.8 | 19.8 | 20.8 | 21.8 | 23.3 | 25.3 | 26.8 | 27.8 | 30.3 | 32.8 | 35.8 | 40.4 | 43.9 | 47.9 | 51.9 |
| 1.85 | 16.7 | 18.2 | 19.2 | 20.2 | 22.7 | 24.7 | 25.7 | 26.7 | 28.2 | 30.2 | 31.7 | 32.7 | 35.2 | 37.7 | 40.7 | 45.2 | 48.7 | 52.7 | 56.7 |
| 1.87 | 14.8 | 16.3 | 17.3 | 18.3 | 20.8 | 22.8 | 23.8 | 24.8 | 26.3 | 28.3 | 29.8 | 30.8 | 33.3 | 35.8 | 38.8 | 43.3 | 46.8 | 50.8 | 54.8 |
| 1.88 | 13.8 | 15.3 | 16.3 | 17.3 | 19.8 | 21.8 | 22.8 | 23.8 | 25.3 | 27.3 | 28.8 | 29.8 | 32.3 | 34.8 | 37.8 | 42.3 | 45.8 | 49.8 | 53.8 |
| 1.89 | 17.5 | 19.0 | 20.0 | 21.0 | 23.5 | 25.5 | 26.5 | 27.5 | 29.0 | 31.0 | 32.5 | 33.5 | 36.0 | 38.5 | 41.5 | 46.0 | 49.5 | 53.5 | 57.5 |
| 1.91 | 15.6 | 17.1 | 18.1 | 19.1 | 21.6 | 23.6 | 24.6 | 25.6 | 27.1 | 29.1 | 30.6 | 31.6 | 34.1 | 36.6 | 39.6 | 44.1 | 47.6 | 51.6 | 55.6 |
| 1.95 | 17.4 | 18.9 | 19.9 | 20.9 | 23.4 | 25.4 | 26.4 | 27.4 | 28.9 | 30.9 | 32.4 | 33.4 | 35.9 | 38.4 | 41.4 | 45.9 | 49.4 | 53.4 | 57.4 |
| 1.95 | 16.4 | 17.9 | 18.9 | 19.9 | 22.4 | 24.4 | 25.4 | 26.4 | 27.9 | 29.9 | 31.4 | 32.4 | 34.9 | 37.4 | 40.4 | 44.9 | 48.4 | 52.4 | 56.4 |
| 1.96 | 14.9 | 16.4 | 17.4 | 18.4 | 21.0 | 23.0 | 24.0 | 25.0 | 26.5 | 28.5 | 30.0 | 31.0 | 33.5 | 36.0 | 39.0 | 43.5 | 47.0 | 51.0 | 55.0 |
| 1.97 | 11.9 | 13.5 | 14.5 | 15.5 | 18.0 | 20.1 | 21.1 | 22.1 | 23.6 | 25.6 | 27.1 | 28.1 | 30.6 | 33.1 | 36.1 | 40.7 | 44.2 | 48.2 | 52.2 |
| 2.00 | --- | 10.2 | 11.3 | 12.3 | 14.9 | 16.9 | 17.9 | 19.0 | 20.5 | 22.5 | 24.0 | 25.0 | 27.6 | 30.1 | 33.1 | 37.6 | 41.1 | 45.1 | 49.1 |
| 2.01 | 15.7 | 17.2 | 18.2 | 19.2 | 21.8 | 23.8 | 24.8 | 25.8 | 27.3 | 29.3 | 30.8 | 31.8 | 34.3 | 36.8 | 39.8 | 44.3 | 47.8 | 51.8 | 55.8 |
| 2.01 | 17.2 | 18.7 | 19.7 | 20.7 | 23.2 | 25.2 | 26.2 | 27.2 | 28.7 | 30.7 | 32.2 | 33.2 | 35.7 | 38.2 | 41.2 | 45.7 | 49.2 | 53.2 | 57.2 |
| 2.04 | 12.1 | 13.6 | 14.6 | 15.6 | 18.2 | 20.2 | 21.2 | 22.2 | 23.7 | 25.7 | 27.2 | 28.2 | 30.7 | 33.2 | 36.2 | 40.7 | 44.2 | 48.2 | 52.2 |
| 2.05 | 15.1 | 16.6 | 17.6 | 18.6 | 21.1 | 23.1 | 24.1 | 25.1 | 26.6 | 28.6 | 30.1 | 31.1 | 33.6 | 36.1 | 39.1 | 43.6 | 47.1 | 51.1 | 55.1 |
| | .89 | 0.90 | 0.92 | 0.93 | 0.95 | 0.97 | 0.98 | 0.99 | 1.00 | 1.01 | 1.02 | 1.03 | 1.05 | 1.06 | 1.08 | 1.11 | 1.13 | 1.14 | 1.16 |

| | | | |
|-------------------------------|------------------------------|---|--|
| SHEAVES PAGES PT7-2-PT7-27 | BELTS PAGES PT7-28-PT7-41 | SELECTION: WEDGE PAGES PT7-42-PT7-83 | ENGINEERING/TECHNICAL PAGES PT7-123-PT7-128 |
|-------------------------------|------------------------------|---|--|

SELECTION

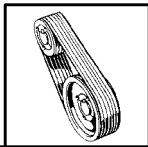


A S-L CLASSIC AX CLASSIC COG STOCK DRIVE SELECTIONS

| Ratio | Stock Shv. Datum Diam. | | 3500 RPM Driver | | | 1750 RPM Driver | | | 1160 RPM Driver | | | Belt Size/Center Distance | | | | | | | | | | | | |
|--|------------------------|--------|-----------------|-------------|-------|-----------------|-------------|------|-----------------|-------------|------|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|--|--|--|--|--|--|
| | Driver | Driven | Driven RPM | HP Per Belt | | Driven RPM | HP Per Belt | | Driven RPM | HP Per Belt | | A26 AX26 | A31 AX31 | A33 AX33 | A35 AX35 | A38 AX38 | A42 AX42 | A46 AX46 | | | | | | |
| | | | | A | AX | | A | AX | | A | AX | | | | | | | | | | | | | |
| 2.07 | 3.0 | 6.6 | 1695 | 4.35 | 5.55 | 847 | 2.84 | 3.55 | 562 | 2.09 | 2.64 | 5.8 | 8.4 | 9.4 | 10.5 | 12.0 | 14.0 | 16.0 | | | | | | |
| 2.07 | 5.6 | 12.0 | 1691 | 10.82 | 11.73 | 845 | 7.26 | 7.48 | 560 | 5.27 | 5.50 | --- | --- | --- | --- | --- | --- | 9.3 | | | | | | |
| 2.11 | 3.4 | 7.6 | 1658 | 5.53 | 6.61 | 829 | 3.56 | 4.19 | 549 | 2.60 | 3.10 | --- | 7.2 | 8.2 | 9.3 | 10.8 | 12.8 | 14.9 | | | | | | |
| 2.12 | 4.8 | 10.6 | 1651 | 9.15 | 10.01 | 826 | 5.96 | 6.33 | 547 | 4.32 | 4.65 | --- | --- | --- | --- | 7.0 | 9.1 | 11.2 | | | | | | |
| 2.13 | 6.0 | 13.2 | 1644 | 11.53 | 12.53 | 822 | 7.89 | 8.04 | 545 | 5.74 | 5.91 | --- | --- | --- | --- | --- | --- | --- | | | | | | |
| 2.14 | 4.0 | 9.0 | 1634 | 7.19 | 8.13 | 817 | 4.61 | 5.13 | 542 | 3.35 | 3.78 | --- | --- | 6.5 | 7.5 | 9.1 | 11.2 | 13.2 | | | | | | |
| 2.16 | 3.6 | 8.2 | 1624 | 6.11 | 7.13 | 812 | 3.91 | 4.51 | 538 | 2.85 | 3.33 | --- | 6.5 | 7.5 | 8.6 | 10.1 | 12.2 | 14.2 | | | | | | |
| 2.18 | 3.0 | 7.0 | 1603 | 4.36 | 5.55 | 801 | 2.84 | 3.55 | 531 | 2.09 | 2.64 | 5.4 | 8.1 | 9.1 | 10.1 | 11.6 | 13.7 | 15.7 | | | | | | |
| 2.20 | 4.6 | 10.6 | 1587 | 8.70 | 9.56 | 794 | 5.63 | 6.04 | 526 | 4.08 | 4.44 | --- | --- | --- | --- | 7.1 | 9.2 | 11.3 | | | | | | |
| 2.22 | 5.2 | 12.0 | 1578 | 10.03 | 10.90 | 789 | 6.62 | 6.91 | 523 | 4.80 | 5.08 | --- | --- | --- | --- | --- | --- | 9.5 | | | | | | |
| 2.23 | 3.2 | 7.6 | 1570 | 4.96 | 6.10 | 785 | 3.20 | 3.88 | 520 | 2.35 | 2.88 | --- | 7.3 | 8.4 | 9.4 | 11.0 | 13.0 | 15.0 | | | | | | |
| 2.27 | 3.4 | 8.2 | 1542 | 5.55 | 6.62 | 771 | 3.56 | 4.20 | 511 | 2.60 | 3.11 | --- | 6.6 | 7.7 | 8.7 | 10.3 | 12.3 | 14.3 | | | | | | |
| 2.30 | 5.0 | 12.0 | 1521 | 9.61 | 10.47 | 761 | 6.30 | 6.63 | 504 | 4.57 | 4.87 | --- | --- | --- | --- | --- | --- | 9.7 | | | | | | |
| 2.36 | 3.6 | 9.0 | 1485 | 6.12 | 7.15 | 743 | 3.92 | 4.51 | 492 | 2.86 | 3.33 | --- | --- | 6.7 | 7.8 | 9.4 | 11.4 | 13.5 | | | | | | |
| 2.36 | 3.0 | 7.6 | 1482 | 4.37 | 5.56 | 741 | 2.85 | 3.56 | 491 | 2.10 | 2.65 | --- | 7.5 | 8.5 | 9.6 | 11.1 | 13.1 | 15.2 | | | | | | |
| 2.39 | 4.8 | 12.0 | 1464 | 9.17 | 10.03 | 732 | 5.97 | 6.34 | 485 | 4.33 | 4.66 | --- | --- | --- | --- | --- | --- | 9.8 | | | | | | |
| 2.40 | 3.2 | 8.2 | 1460 | 4.97 | 6.10 | 730 | 3.21 | 3.88 | 484 | 2.35 | 2.88 | --- | 6.7 | 7.8 | 8.8 | 10.4 | 12.4 | 14.5 | | | | | | |
| 2.40 | 4.2 | 10.6 | 1460 | 7.72 | 8.63 | 730 | 4.96 | 5.44 | 484 | 3.60 | 4.00 | --- | --- | --- | --- | 7.3 | 9.5 | 11.6 | | | | | | |
| 2.43 | 5.2 | 13.2 | 1438 | 10.05 | 10.91 | 719 | 6.63 | 6.92 | 477 | 4.81 | 5.08 | --- | --- | --- | --- | --- | --- | --- | | | | | | |
| 2.48 | 3.4 | 9.0 | 1410 | 5.55 | 6.63 | 705 | 3.57 | 4.20 | 467 | 2.61 | 3.11 | --- | --- | 6.8 | 7.9 | 9.5 | 11.6 | 13.6 | | | | | | |
| 2.49 | 4.6 | 12.0 | 1408 | 8.71 | 9.58 | 704 | 5.64 | 6.04 | 467 | 4.09 | 4.44 | --- | --- | --- | --- | --- | 7.7 | 9.9 | | | | | | |
| 2.51 | 4.0 | 10.6 | 1396 | 7.21 | 8.15 | 698 | 4.62 | 5.14 | 463 | 3.36 | 3.79 | --- | --- | --- | --- | 7.5 | 9.6 | 11.7 | | | | | | |
| 2.52 | 5.0 | 13.2 | 1387 | 9.62 | 10.48 | 693 | 6.30 | 6.63 | 460 | 4.57 | 4.87 | --- | --- | --- | --- | --- | --- | --- | | | | | | |
| 2.54 | 3.0 | 8.2 | 1379 | 4.38 | 5.57 | 689 | 2.85 | 3.56 | 457 | 2.10 | 2.65 | --- | 6.9 | 7.9 | 9.0 | 10.5 | 12.6 | 14.6 | | | | | | |
| 2.57 | 5.6 | 15.0 | 1361 | 10.85 | 11.75 | 680 | 7.27 | 7.49 | 451 | 5.28 | 5.50 | --- | --- | --- | --- | --- | --- | --- | | | | | | |
| 2.62 | 3.2 | 9.0 | 1336 | 4.98 | 6.11 | 668 | 3.21 | 3.89 | 443 | 2.36 | 2.88 | --- | 5.9 | 7.0 | 8.1 | 9.6 | 11.7 | 13.8 | | | | | | |
| 2.62 | 4.8 | 13.2 | 1335 | 9.18 | 10.04 | 668 | 5.98 | 6.34 | 442 | 4.33 | 4.66 | --- | --- | --- | --- | --- | --- | 8.5 | | | | | | |
| 2.63 | 3.8 | 10.6 | 1332 | 6.68 | 7.66 | 666 | 4.28 | 4.83 | 442 | 3.11 | 3.56 | --- | --- | --- | --- | 7.6 | 9.8 | 11.9 | | | | | | |
| 2.67 | 5.6 | 15.6 | 1310 | 10.85 | 11.76 | 655 | 7.27 | 7.49 | 434 | 5.28 | 5.51 | --- | --- | --- | --- | --- | --- | --- | | | | | | |
| 2.70 | 4.2 | 12.0 | 1295 | 7.73 | 8.65 | 647 | 4.97 | 5.45 | 429 | 3.60 | 4.01 | --- | --- | --- | --- | --- | 8.0 | 10.2 | | | | | | |
| ARC-LENGTH CORRECTION FACTOR > | | | | | | | | | | | | 0.70 | 0.75 | 0.76 | 0.79 | 0.80 | 0.81 | 0.84 | | | | | | |
| 2.71 | 6.4 | 18.0 | 1291 | 12.19 | 13.31 | 646 | 8.51 | 8.60 | 428 | 6.20 | 6.33 | --- | --- | --- | --- | --- | --- | --- | | | | | | |
| 2.73 | 4.6 | 13.2 | 1284 | 8.72 | 9.59 | 642 | 5.64 | 6.05 | 425 | 4.09 | 4.45 | --- | --- | --- | --- | --- | --- | 8.6 | | | | | | |
| 2.76 | 3.6 | 10.6 | 1269 | 6.13 | 7.16 | 634 | 3.93 | 4.52 | 420 | 2.86 | 3.34 | --- | --- | --- | --- | 7.7 | 9.9 | 12.0 | | | | | | |
| 2.78 | 3.0 | 9.0 | 1261 | 4.38 | 5.58 | 631 | 2.85 | 3.56 | 418 | 2.10 | 2.65 | --- | 6.0 | 7.1 | 8.2 | 9.8 | 11.9 | 13.9 | | | | | | |
| 2.83 | 4.0 | 12.0 | 1238 | 7.22 | 8.16 | 619 | 4.63 | 5.14 | 410 | 3.36 | 3.79 | --- | --- | --- | --- | --- | 8.1 | 10.3 | | | | | | |
| 2.86 | 5.0 | 15.0 | 1224 | 9.63 | 10.49 | 612 | 6.31 | 6.64 | 406 | 4.57 | 4.88 | --- | --- | --- | --- | --- | --- | --- | | | | | | |
| 2.88 | 6.0 | 18.0 | 1215 | 11.57 | 12.56 | 607 | 7.90 | 8.05 | 403 | 5.75 | 5.92 | --- | --- | --- | --- | --- | --- | --- | | | | | | |
| 2.90 | 3.4 | 10.6 | 1205 | 5.57 | 6.65 | 602 | 3.57 | 4.21 | 399 | 2.61 | 3.11 | --- | --- | --- | --- | 7.8 | 10.0 | 12.1 | | | | | | |
| 2.96 | 3.8 | 12.0 | 1182 | 6.69 | 7.67 | 591 | 4.28 | 4.84 | 392 | 3.11 | 3.57 | --- | --- | --- | --- | --- | 8.2 | 10.4 | | | | | | |
| 2.97 | 4.8 | 15.0 | 1179 | 9.19 | 10.05 | 589 | 5.98 | 6.34 | 391 | 4.33 | 4.66 | --- | --- | --- | --- | --- | --- | --- | | | | | | |
| 3.07 | 3.2 | 10.6 | 1141 | 4.99 | 6.12 | 571 | 3.22 | 3.89 | 378 | 2.36 | 2.88 | --- | --- | --- | 6.2 | 8.0 | 10.1 | 12.3 | | | | | | |
| 3.09 | 4.6 | 15.0 | 1133 | 8.72 | 9.59 | 567 | 5.65 | 6.05 | 376 | 4.09 | 4.45 | --- | --- | --- | --- | --- | --- | --- | | | | | | |
| 3.10 | 4.0 | 13.2 | 1129 | 7.22 | 8.17 | 564 | 4.63 | 5.14 | 374 | 3.36 | 3.79 | --- | --- | --- | --- | --- | --- | 9.0 | | | | | | |
| 3.11 | 3.6 | 12.0 | 1125 | 6.14 | 7.17 | 563 | 3.93 | 4.52 | 373 | 2.86 | 3.34 | --- | --- | --- | --- | --- | 8.3 | 10.6 | | | | | | |
| 3.13 | 6.0 | 19.6 | 1118 | 11.57 | 12.56 | 559 | 7.91 | 8.06 | 370 | 5.75 | 5.92 | --- | --- | --- | --- | --- | --- | --- | | | | | | |
| 3.21 | 4.6 | 15.6 | 1091 | 8.73 | 9.60 | 545 | 5.65 | 6.05 | 362 | 4.10 | 4.45 | --- | --- | --- | --- | --- | --- | --- | | | | | | |
| 3.25 | 3.0 | 10.6 | 1077 | 4.39 | 5.59 | 539 | 2.86 | 3.57 | 357 | 2.11 | 2.65 | --- | --- | --- | 6.3 | 8.1 | 10.3 | 12.4 | | | | | | |
| 3.25 | 3.8 | 13.2 | 1077 | 6.69 | 7.67 | 539 | 4.28 | 4.84 | 357 | 3.11 | 3.57 | --- | --- | --- | --- | --- | --- | 9.1 | | | | | | |
| 3.29 | 5.2 | 18.0 | 1063 | 10.07 | 10.93 | 531 | 6.64 | 6.93 | 352 | 4.81 | 5.09 | --- | --- | --- | --- | --- | --- | --- | | | | | | |
| 3.36 | 4.2 | 15.0 | 1042 | 7.74 | 8.66 | 521 | 4.97 | 5.45 | 345 | 3.61 | 4.01 | --- | --- | --- | --- | --- | --- | --- | | | | | | |
| 3.41 | 3.6 | 13.2 | 1026 | 6.14 | 7.17 | 513 | 3.93 | 4.53 | 340 | 2.87 | 3.34 | --- | --- | --- | --- | --- | --- | 9.2 | | | | | | |
| 3.42 | 5.0 | 18.0 | 1024 | 9.64 | 10.50 | 512 | 6.31 | 6.64 | 340 | 4.58 | 4.88 | --- | --- | --- | --- | --- | --- | --- | | | | | | |
| 3.46 | 3.2 | 12.0 | 1012 | 4.99 | 6.13 | 506 | 3.22 | 3.89 | 335 | 2.36 | 2.89 | --- | --- | --- | --- | --- | 8.6 | 10.8 | | | | | | |
| 3.49 | 4.2 | 15.6 | 1003 | 7.75 | 8.66 | 502 | 4.97 | 5.45 | 332 | 3.61 | 4.01 | --- | --- | --- | --- | --- | --- | --- | | | | | | |
| 3.51 | 4.0 | 15.0 | 997 | 7.23 | 8.17 | 498 | 4.63 | 5.15 | 330 | 3.36 | 3.79 | --- | --- | --- | --- | --- | --- | --- | | | | | | |
| 3.55 | 4.8 | 18.0 | 986 | 9.19 | 10.05 | 493 | 5.98 | 6.35 | 327 | 4.34 | 4.66 | --- | --- | --- | --- | --- | --- | --- | | | | | | |
| 3.58 | 5.2 | 19.6 | 977 | 10.07 | 10.93 | 489 | 6.64 | 6.93 | 324 | 4.81 | 5.09 | --- | --- | --- | --- | --- | --- | --- | | | | | | |
| 3.59 | 3.4 | 13.2 | 974 | 5.58 | 6.66 | 487 | 3.58 | 4.21 | 323 | 2.62 | 3.12 | --- | --- | --- | --- | --- | --- | 9.3 | | | | | | |
| 3.65 | 4.0 | 15.6 | 959 | 7.23 | 8.17 | 480 | 4.63 | 5.15 | 318 | 3.36 | 3.79 | --- | --- | --- | --- | --- | --- | --- | | | | | | |
| 3.66 | 3.0 | 12.0 | 956 | 4.40 | 5.59 | 478 | 2.86 | 3.57 | 317 | 2.11 | 2.65 | --- | --- | --- | --- | --- | 8.7 | 11.0 | | | | | | |
| ARC-LENGTH CORRECTION FACTOR > | | | | | | | | | | | | --- | 0.71 | 0.73 | 0.75 | 0.77 | 0.77 | 0.81 | | | | | | |

| | | | |
|-------------------------------|------------------------------|---|--|
| SHEAVES PAGES PT7-2-PT7-27 | BELTS PAGES PT7-28-PT7-41 | SELECTION: WEDGE PAGES PT7-42-PT7-83 | ENGINEERING/TECHNICAL PAGES PT7-123-PT7-128 |
|-------------------------------|------------------------------|---|--|

SELECTION

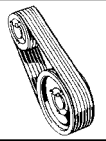


A S-L CLASSIC AX CLASSIC COG STOCK DRIVE SELECTIONS

| Belt Size/Center Distance | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------|---------------|---------------|
| Ratio | A48 AX48 | A51 AX51 | A53 AX53 | A55 AX55 | A60 AX60 | A64 AX64 | A66 AX66 | A68 AX68 | A71 AX71 | A75 AX75 | A78 AX78 | A80 AX80 | A85 AX85 | A90 AX90 | A96 AX96 | A105 AX105 | A112 AX112 | A120 AX120 | A128 AX128 |
| 2.07 | 17.0 | 18.5 | 19.5 | 20.5 | 23.0 | 25.0 | 26.1 | 27.1 | 28.6 | 30.6 | 32.1 | 33.1 | 35.6 | 38.1 | 41.1 | 45.6 | 49.1 | 53.1 | 57.1 |
| 2.07 | 10.3 | 11.9 | 12.9 | 14.0 | 16.5 | 18.6 | 19.6 | 20.6 | 22.1 | 24.1 | 25.6 | 26.6 | 29.2 | 31.7 | 34.7 | 39.2 | 42.7 | 46.7 | 50.7 |
| 2.11 | 15.9 | 17.4 | 18.4 | 19.4 | 21.9 | 23.9 | 24.9 | 25.9 | 27.4 | 29.4 | 30.9 | 31.9 | 34.5 | 37.0 | 40.0 | 44.5 | 48.0 | 52.0 | 56.0 |
| 2.12 | 12.2 | 13.8 | 14.8 | 15.8 | 18.3 | 20.4 | 21.4 | 22.4 | 23.9 | 25.9 | 27.4 | 28.4 | 30.9 | 33.4 | 36.4 | 41.0 | 44.5 | 48.5 | 52.5 |
| 2.13 | --- | 10.5 | 11.5 | 12.6 | 15.2 | 17.2 | 18.2 | 19.2 | 20.8 | 22.8 | 24.3 | 25.3 | 27.8 | 30.4 | 33.4 | 37.9 | 41.4 | 45.4 | 49.4 |
| 2.14 | 14.2 | 15.7 | 16.8 | 17.8 | 20.3 | 22.3 | 23.3 | 24.3 | 25.8 | 27.8 | 29.3 | 30.3 | 32.8 | 35.4 | 38.4 | 42.9 | 46.4 | 50.4 | 54.4 |
| 2.16 | 15.2 | 16.7 | 17.7 | 18.7 | 21.3 | 23.3 | 24.3 | 25.3 | 26.8 | 28.8 | 30.3 | 31.3 | 33.8 | 36.3 | 39.3 | 43.8 | 47.3 | 51.3 | 55.3 |
| 2.18 | 16.7 | 18.2 | 19.2 | 20.2 | 22.7 | 24.7 | 25.7 | 26.7 | 28.2 | 30.2 | 31.7 | 32.7 | 35.2 | 37.7 | 40.8 | 45.3 | 48.8 | 52.8 | 56.8 |
| 2.20 | 12.4 | 13.9 | 14.9 | 15.9 | 18.5 | 20.5 | 21.5 | 22.5 | 24.0 | 26.0 | 27.6 | 28.6 | 31.1 | 33.6 | 36.6 | 41.1 | 44.6 | 48.6 | 52.6 |
| 2.22 | 10.6 | 12.2 | 13.2 | 14.2 | 16.8 | 18.8 | 19.9 | 20.9 | 22.4 | 24.4 | 25.9 | 26.9 | 29.5 | 32.0 | 35.0 | 39.5 | 43.0 | 47.0 | 51.0 |
| 2.23 | 16.0 | 17.5 | 18.5 | 19.5 | 22.1 | 24.1 | 25.1 | 26.1 | 27.6 | 29.6 | 31.1 | 32.1 | 34.6 | 37.1 | 40.1 | 44.6 | 48.1 | 52.1 | 56.1 |
| 2.27 | 15.4 | 16.9 | 17.9 | 18.9 | 21.4 | 23.4 | 24.4 | 25.4 | 26.9 | 28.9 | 30.4 | 31.5 | 34.0 | 36.5 | 39.5 | 44.0 | 47.5 | 51.5 | 55.5 |
| 2.30 | 10.7 | 12.3 | 13.3 | 14.4 | 16.9 | 19.0 | 20.0 | 21.0 | 22.5 | 24.6 | 26.1 | 27.1 | 29.6 | 32.1 | 35.1 | 39.7 | 43.2 | 47.2 | 51.2 |
| 2.36 | 14.5 | 16.0 | 17.0 | 18.1 | 20.6 | 22.6 | 23.6 | 24.6 | 26.1 | 28.1 | 29.6 | 30.6 | 33.1 | 35.7 | 38.7 | 43.2 | 46.7 | 50.7 | 54.7 |
| 2.36 | 16.2 | 17.7 | 18.7 | 19.7 | 22.2 | 24.2 | 25.2 | 26.2 | 27.7 | 29.7 | 31.2 | 32.2 | 34.8 | 37.3 | 40.3 | 44.8 | 48.3 | 52.3 | 56.3 |
| 2.39 | 10.9 | 12.4 | 13.5 | 14.5 | 17.1 | 19.1 | 20.1 | 21.2 | 22.7 | 24.7 | 26.2 | 27.2 | 29.7 | 32.3 | 35.3 | 39.8 | 43.3 | 47.3 | 51.3 |
| 2.40 | 15.5 | 17.0 | 18.0 | 19.0 | 21.6 | 23.6 | 24.6 | 25.6 | 27.1 | 29.1 | 30.6 | 31.6 | 34.1 | 36.6 | 39.6 | 44.1 | 47.6 | 51.6 | 55.6 |
| 2.40 | 12.6 | 14.2 | 15.2 | 16.2 | 18.8 | 20.8 | 21.8 | 22.8 | 24.3 | 26.3 | 27.8 | 28.9 | 31.4 | 33.9 | 36.9 | 41.4 | 44.9 | 48.9 | 52.9 |
| 2.43 | 9.4 | 11.0 | 12.0 | 13.1 | 15.7 | 17.8 | 18.8 | 19.8 | 21.3 | 23.4 | 24.9 | 25.9 | 28.4 | 30.9 | 34.0 | 38.5 | 42.0 | 46.0 | 50.0 |
| 2.48 | 14.6 | 16.2 | 17.2 | 18.2 | 20.7 | 22.7 | 23.8 | 24.8 | 26.3 | 28.3 | 29.8 | 30.8 | 33.3 | 35.8 | 38.8 | 43.3 | 46.8 | 50.8 | 54.8 |
| 2.49 | 11.0 | 12.6 | 13.6 | 14.7 | 17.2 | 19.3 | 20.3 | 21.3 | 22.8 | 24.8 | 26.4 | 27.4 | 29.9 | 32.4 | 35.4 | 39.9 | 43.5 | 47.5 | 51.5 |
| 2.51 | 12.8 | 14.3 | 15.3 | 16.4 | 18.9 | 20.9 | 21.9 | 23.0 | 24.5 | 26.5 | 28.0 | 29.0 | 31.5 | 34.0 | 37.0 | 41.6 | 45.1 | 49.1 | 53.1 |
| 2.52 | 9.5 | 11.1 | 12.2 | 13.2 | 15.8 | 17.9 | 18.9 | 19.9 | 21.5 | 23.5 | 25.0 | 26.0 | 28.6 | 31.1 | 34.1 | 38.6 | 42.2 | 46.2 | 50.2 |
| 2.54 | 15.6 | 17.2 | 18.2 | 19.2 | 21.7 | 23.7 | 24.7 | 25.7 | 27.2 | 29.2 | 30.7 | 31.8 | 34.3 | 36.8 | 39.8 | 44.3 | 47.8 | 51.8 | 55.8 |
| 2.57 | --- | --- | 9.9 | 11.0 | 13.7 | 15.8 | 16.8 | 17.9 | 19.4 | 21.5 | 23.0 | 24.0 | 26.6 | 29.1 | 32.1 | 36.7 | 40.2 | 44.2 | 48.3 |
| 2.62 | 14.8 | 16.3 | 17.3 | 18.3 | 20.9 | 22.9 | 23.9 | 24.9 | 26.4 | 28.4 | 29.9 | 30.9 | 33.4 | 36.0 | 39.0 | 43.5 | 47.0 | 51.0 | 55.0 |
| 2.62 | 9.6 | 11.2 | 12.3 | 13.4 | 16.0 | 18.0 | 19.1 | 20.1 | 21.6 | 23.6 | 25.2 | 26.2 | 28.7 | 31.2 | 34.3 | 38.8 | 42.3 | 46.3 | 50.3 |
| 2.63 | 12.9 | 14.4 | 15.5 | 16.5 | 19.0 | 21.1 | 22.1 | 23.1 | 24.6 | 26.6 | 28.1 | 29.1 | 31.7 | 34.2 | 37.2 | 41.7 | 45.2 | 49.2 | 53.2 |
| 2.67 | --- | --- | --- | --- | 13.1 | 15.2 | 16.2 | 17.3 | 18.8 | 20.9 | 22.5 | 23.5 | 26.0 | 28.6 | 31.6 | 36.2 | 39.7 | 43.7 | 47.7 |
| 2.70 | 11.3 | 12.8 | 13.9 | 14.9 | 17.5 | 19.5 | 20.6 | 21.6 | 23.1 | 25.1 | 26.6 | 27.7 | 30.2 | 32.7 | 35.7 | 40.2 | 43.8 | 47.8 | 51.8 |
| | 0.86 | 0.88 | 0.89 | 0.90 | 0.93 | 0.94 | 0.96 | 0.97 | 0.99 | 1.00 | 1.01 | 1.02 | 1.04 | 1.05 | 1.07 | 1.10 | 1.12 | 1.14 | 1.16 |
| 2.71 | --- | --- | --- | --- | --- | 12.1 | 13.2 | 14.3 | 15.9 | 18.1 | 19.6 | 20.7 | 23.3 | 25.8 | 28.9 | 33.5 | 37.0 | 41.1 | 45.1 |
| 2.73 | 9.7 | 11.4 | 12.4 | 13.5 | 16.1 | 18.2 | 19.2 | 20.2 | 21.8 | 23.8 | 25.3 | 26.3 | 28.9 | 31.4 | 34.4 | 38.9 | 42.5 | 46.5 | 50.5 |
| 2.76 | 13.0 | 14.6 | 15.6 | 16.6 | 19.2 | 21.2 | 22.2 | 23.2 | 24.8 | 26.8 | 28.3 | 29.3 | 31.8 | 34.3 | 37.3 | 41.9 | 45.4 | 49.4 | 53.4 |
| 2.78 | 14.9 | 16.5 | 17.5 | 18.5 | 21.0 | 23.0 | 24.0 | 25.1 | 26.6 | 28.6 | 30.1 | 31.1 | 33.6 | 36.1 | 39.1 | 43.6 | 47.1 | 51.1 | 55.1 |
| 2.83 | 11.4 | 13.0 | 14.0 | 15.1 | 17.6 | 19.7 | 20.7 | 21.7 | 23.2 | 25.3 | 26.8 | 27.8 | 30.3 | 32.8 | 35.9 | 40.4 | 43.9 | 47.9 | 51.9 |
| 2.86 | --- | --- | 10.2 | 11.3 | 14.1 | 16.2 | 17.2 | 18.3 | 19.8 | 21.9 | 23.4 | 24.4 | 27.0 | 29.5 | 32.6 | 37.1 | 40.6 | 44.7 | 48.7 |
| 2.88 | --- | --- | --- | --- | 12.4 | 13.5 | 14.6 | 16.2 | 18.3 | 19.9 | 21.0 | 23.5 | 26.1 | 29.2 | 33.8 | 37.3 | 41.4 | 45.4 | 49.4 |
| 2.90 | 13.2 | 14.7 | 15.7 | 16.8 | 19.3 | 21.4 | 22.4 | 23.4 | 24.9 | 26.9 | 28.4 | 29.4 | 32.0 | 34.5 | 37.5 | 42.0 | 45.5 | 49.5 | 53.5 |
| 2.96 | 11.5 | 13.1 | 14.2 | 15.2 | 17.8 | 19.8 | 20.8 | 21.9 | 23.4 | 25.4 | 26.9 | 27.9 | 30.5 | 33.0 | 36.0 | 40.5 | 44.1 | 48.1 | 52.1 |
| 2.97 | --- | 9.2 | 10.4 | 11.5 | 14.2 | 16.3 | 17.4 | 18.4 | 20.0 | 22.0 | 23.6 | 24.6 | 27.1 | 29.7 | 32.7 | 37.3 | 40.8 | 44.8 | 48.8 |
| 3.07 | 13.3 | 14.9 | 15.9 | 16.9 | 19.5 | 21.5 | 22.5 | 23.5 | 25.0 | 27.1 | 28.6 | 29.6 | 32.1 | 34.6 | 37.6 | 42.2 | 45.7 | 49.7 | 53.7 |
| 3.09 | --- | 9.3 | 10.5 | 11.6 | 14.3 | 16.4 | 17.5 | 18.5 | 20.1 | 22.2 | 23.7 | 24.7 | 27.3 | 29.8 | 32.9 | 37.4 | 40.9 | 45.0 | 49.0 |
| 3.10 | 10.1 | 11.7 | 12.8 | 13.9 | 16.5 | 18.6 | 19.6 | 20.6 | 22.2 | 24.2 | 25.7 | 26.8 | 29.3 | 31.8 | 34.8 | 39.4 | 42.9 | 46.9 | 50.9 |
| 3.11 | 11.6 | 13.2 | 14.3 | 15.3 | 17.9 | 20.0 | 21.0 | 22.0 | 23.5 | 25.6 | 27.1 | 28.1 | 30.6 | 33.1 | 36.2 | 40.7 | 44.2 | 48.2 | 52.2 |
| 3.13 | --- | --- | --- | --- | --- | 12.7 | 14.5 | 16.7 | 18.3 | 19.4 | 22.0 | 24.6 | 27.7 | 32.3 | 35.9 | 40.0 | 44.0 | 48.0 | 52.0 |
| 3.21 | --- | --- | --- | 10.9 | 13.7 | 15.8 | 16.9 | 18.0 | 19.5 | 21.6 | 23.1 | 24.2 | 26.7 | 29.3 | 32.3 | 36.9 | 40.4 | 44.5 | 48.5 |
| 3.25 | 13.4 | 15.0 | 16.0 | 17.1 | 19.6 | 21.6 | 22.7 | 23.7 | 25.2 | 27.2 | 28.7 | 29.7 | 32.3 | 34.8 | 37.8 | 42.3 | 45.8 | 49.8 | 53.8 |
| 3.25 | 10.2 | 11.9 | 13.0 | 14.0 | 16.6 | 18.7 | 19.7 | 20.8 | 22.3 | 24.4 | 25.9 | 26.9 | 29.4 | 32.0 | 35.0 | 39.5 | 43.0 | 47.1 | 51.1 |
| 3.29 | --- | --- | --- | --- | 10.5 | 12.8 | 14.0 | 15.1 | 16.7 | 18.9 | 20.4 | 21.5 | 24.1 | 26.7 | 29.7 | 34.3 | 37.9 | 41.9 | 46.0 |
| 3.36 | --- | 9.6 | 10.7 | 11.8 | 14.6 | 16.7 | 17.8 | 18.8 | 20.4 | 22.4 | 24.0 | 25.0 | 27.5 | 30.1 | 33.1 | 37.7 | 41.2 | 45.3 | 49.3 |
| 3.41 | 10.3 | 12.0 | 13.1 | 14.1 | 16.8 | 18.9 | 19.9 | 20.9 | 22.4 | 24.5 | 26.0 | 27.0 | 29.6 | 32.1 | 35.1 | 39.7 | 43.2 | 47.2 | 51.2 |
| 3.42 | --- | --- | --- | --- | 10.6 | 13.0 | 14.1 | 15.2 | 16.8 | 19.0 | 20.6 | 21.6 | 24.2 | 26.8 | 29.9 | 34.5 | 38.0 | 42.1 | 46.1 |
| 3.46 | 11.9 | 13.5 | 14.6 | 15.6 | 18.2 | 20.2 | 21.3 | 22.3 | 23.8 | 25.8 | 27.4 | 28.4 | 30.9 | 33.4 | 36.5 | 41.0 | 44.5 | 48.5 | 52.5 |
| 3.49 | --- | --- | 10.0 | 11.2 | 13.9 | 16.1 | 17.2 | 18.2 | 19.8 | 21.9 | 23.4 | 24.4 | 27.0 | 29.6 | 32.6 | 37.2 | 40.7 | 44.7 | 48.8 |
| 3.51 | --- | 9.7 | 10.8 | 12.0 | 14.7 | 16.8 | 17.9 | 18.9 | 20.5 | 22.6 | 24.1 | 25.1 | 27.7 | 30.2 | 33.3 | 37.8 | 41.4 | 45.4 | 49.4 |
| 3.55 | --- | --- | --- | --- | 10.7 | 13.1 | 14.2 | 15.3 | 17.0 | 19.1 | 20.7 | 21.8 | 24.4 | 26.9 | 30.0 | 34.6 | 38.2 | 42.2 | 46.3 |
| 3.58 | --- | --- | --- | --- | --- | 12.0 | 13.2 | 14.9 | 17.2 | 18.8 | 19.9 | 22.5 | 25.2 | 28.3 | 32.9 | 36.5 | 40.5 | 44.6 | 48.6 |
| 3.59 | 10.5 | 12.1 | 13.2 | 14.3 | 16.9 | 19.0 | 20.0 | 21.0 | 22.6 | 24.6 | 26.2 | 27.2 | 29.7 | 32.2 | 35.3 | 39.8 | 43.3 | 47.4 | 51.4 |
| 3.65 | --- | --- | 10.1 | 11.3 | 14.1 | 16.2 | 17.3 | 18.3 | 19.9 | 22.0 | 23.5 | 24.6 | 27.1 | 29.7 | 32.8 | 37.3 | 40.9 | 44.9 | 48.9 |
| 3.66 | 12.0 | 13.6 | 14.7 | 15.7 | 18.3 | 20.4 | 21.4 | 22.4 | 24.0 | 26.0 | 27.5 | 28.5 | 31.0 | 33.6 | 36.6 | 41.1 | 44.6 | 48.7 | 52.7 |
| | 0.83 | 0.86 | 0.87 | 0.88 | 0.91 | 0.92 | 0.94 | 0.96 | 0.97 | 0.99 | 1.00 | 1.01 | 1.03 | 1.04 | 1.06 | 1.09 | 1.11 | 1.13 | 1.15 |

| | | | |
|-------------------------------|------------------------------|---|--|
| SHEAVES PAGES PT7-2-PT7-27 | BELTS PAGES PT7-28-PT7-41 | SELECTION: WEDGE PAGES PT7-42-PT7-83 | ENGINEERING/TECHNICAL PAGES PT7-123-PT7-128 |
|-------------------------------|------------------------------|---|--|

SELECTION

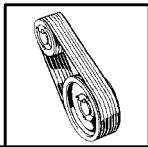


A S-L CLASSIC AX CLASSIC COG STOCK DRIVE SELECTIONS

| Ratio | Stock Shv. | | 3500 RPM Driver | | | 1750 RPM Driver | | | 1160 RPM Driver | | | Belt Size/Center Distance | | | | | | | | | |
|--------------------------------|-------------|--------|-----------------|-------------|-------|-----------------|-------------|------|-----------------|-------------|------|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-----|-----|------|
| | Datum Diam. | | Driven RPM | HP Per Belt | | Driven RPM | HP Per Belt | | Driven RPM | HP Per Belt | | A26 AX26 | A31 AX31 | A33 AX33 | A35 AX35 | A38 AX38 | A42 AX42 | A46 AX46 | | | |
| | Driver | Driven | | A | AX | | A | AX | | A | AX | | | | | | | | | | |
| 3.69 | 4.6 | 18.0 | 948 | 8.73 | 9.60 | 474 | 5.65 | 6.05 | 314 | 4.10 | 4.45 | --- | --- | --- | --- | --- | --- | --- | | | |
| 3.71 | 5.0 | 19.6 | 942 | 9.64 | 10.50 | 471 | 6.31 | 6.64 | 312 | 4.58 | 4.88 | --- | --- | --- | --- | --- | --- | --- | | | |
| 3.79 | 3.2 | 13.2 | 923 | 4.99 | 6.13 | 461 | 3.22 | 3.89 | 306 | 2.36 | 2.89 | --- | --- | --- | --- | --- | --- | 9.5 | | | |
| 3.82 | 3.8 | 15.6 | 916 | 6.70 | 7.68 | 458 | 4.28 | 4.84 | 303 | 3.12 | 3.57 | --- | --- | --- | --- | --- | --- | --- | | | |
| 3.86 | 3.6 | 15.0 | 906 | 6.15 | 7.17 | 453 | 3.93 | 4.53 | 300 | 2.87 | 3.34 | --- | --- | --- | --- | --- | --- | --- | | | |
| 3.92 | 6.0 | 24.6 | 894 | 11.58 | 12.57 | 447 | 7.91 | 8.06 | 296 | 5.75 | 5.92 | --- | --- | --- | --- | --- | --- | --- | | | |
| 4.01 | 4.2 | 18.0 | 872 | 7.75 | 8.66 | 436 | 4.98 | 5.45 | 289 | 3.61 | 4.01 | --- | --- | --- | --- | --- | --- | 9.6 | | | |
| 4.02 | 3.0 | 13.2 | 871 | 4.40 | 5.59 | 436 | 2.86 | 3.57 | 289 | 2.11 | 2.66 | --- | --- | --- | --- | --- | --- | --- | | | |
| 4.07 | 3.4 | 15.0 | 860 | 5.58 | 6.66 | 430 | 3.58 | 4.21 | 285 | 2.62 | 3.12 | --- | --- | --- | --- | --- | --- | --- | | | |
| 4.20 | 4.0 | 18.0 | 834 | 7.23 | 8.18 | 417 | 4.63 | 5.15 | 276 | 3.36 | 3.79 | --- | --- | --- | --- | --- | --- | --- | | | |
| 4.23 | 3.4 | 15.6 | 828 | 5.58 | 6.66 | 414 | 3.58 | 4.21 | 274 | 2.62 | 3.12 | --- | --- | --- | --- | --- | --- | --- | | | |
| 4.30 | 3.2 | 15.0 | 815 | 5.00 | 6.13 | 407 | 3.22 | 3.90 | 270 | 2.36 | 2.89 | --- | --- | --- | --- | --- | --- | --- | | | |
| 4.36 | 4.2 | 19.6 | 802 | 7.75 | 8.66 | 401 | 4.98 | 5.46 | 266 | 3.61 | 4.01 | --- | --- | --- | --- | --- | --- | --- | | | |
| 4.40 | 3.8 | 18.0 | 796 | 6.70 | 7.68 | 398 | 4.29 | 4.84 | 264 | 3.12 | 3.57 | --- | --- | --- | --- | --- | --- | --- | | | |
| 4.46 | 3.2 | 15.6 | 784 | 5.00 | 6.13 | 392 | 3.22 | 3.90 | 260 | 2.36 | 2.89 | --- | --- | --- | --- | --- | --- | --- | | | |
| ARC-LENGTH CORRECTION FACTOR > | | | | | | | | | | | | --- | --- | --- | --- | --- | --- | --- | --- | --- | 0.76 |
| 4.48 | 5.2 | 24.6 | 782 | 10.07 | 10.94 | 391 | 6.64 | 6.93 | 259 | 4.82 | 5.09 | --- | --- | --- | --- | --- | --- | --- | | | |
| 4.55 | 3.0 | 15.0 | 769 | 4.40 | 5.60 | 385 | 2.86 | 3.57 | 255 | 2.11 | 2.66 | --- | --- | --- | --- | --- | --- | --- | | | |
| 4.56 | 4.0 | 19.6 | 767 | 7.23 | 8.18 | 384 | 4.63 | 5.15 | 254 | 3.37 | 3.79 | --- | --- | --- | --- | --- | --- | --- | | | |
| 4.62 | 3.6 | 18.0 | 758 | 6.15 | 7.18 | 379 | 3.94 | 4.53 | 251 | 2.87 | 3.35 | --- | --- | --- | --- | --- | --- | --- | | | |
| 4.64 | 5.0 | 24.6 | 754 | 9.65 | 10.51 | 377 | 6.32 | 6.64 | 250 | 4.58 | 4.88 | --- | --- | --- | --- | --- | --- | --- | | | |
| 4.73 | 3.0 | 15.6 | 740 | 4.40 | 5.60 | 370 | 2.86 | 3.57 | 245 | 2.11 | 2.66 | --- | --- | --- | --- | --- | --- | --- | | | |
| 4.78 | 3.8 | 19.6 | 732 | 6.70 | 7.68 | 366 | 4.29 | 4.84 | 243 | 3.12 | 3.57 | --- | --- | --- | --- | --- | --- | --- | | | |
| 4.82 | 4.8 | 24.6 | 726 | 9.20 | 10.06 | 363 | 5.99 | 6.35 | 241 | 4.34 | 4.67 | --- | --- | --- | --- | --- | --- | --- | | | |
| 4.86 | 3.4 | 18.0 | 720 | 5.58 | 6.66 | 360 | 3.58 | 4.22 | 239 | 2.62 | 3.12 | --- | --- | --- | --- | --- | --- | --- | | | |
| 5.01 | 5.6 | 29.6 | 698 | 10.87 | 11.78 | 349 | 7.29 | 7.50 | 231 | 5.29 | 5.51 | --- | --- | --- | --- | --- | --- | --- | | | |
| 5.02 | 3.6 | 19.6 | 697 | 6.15 | 7.18 | 349 | 3.94 | 4.53 | 231 | 2.87 | 3.35 | --- | --- | --- | --- | --- | --- | --- | | | |
| 5.13 | 3.2 | 18.0 | 682 | 5.00 | 6.14 | 341 | 3.22 | 3.90 | 226 | 2.36 | 2.89 | --- | --- | --- | --- | --- | --- | --- | | | |
| 5.29 | 3.4 | 19.6 | 662 | 5.58 | 6.66 | 331 | 3.58 | 4.22 | 219 | 2.62 | 3.12 | --- | --- | --- | --- | --- | --- | --- | | | |
| 5.37 | 5.2 | 29.6 | 651 | 10.08 | 10.94 | 326 | 6.64 | 6.93 | 216 | 4.82 | 5.09 | --- | --- | --- | --- | --- | --- | --- | | | |
| 5.44 | 3.0 | 18.0 | 644 | 4.40 | 5.60 | 322 | 2.86 | 3.57 | 213 | 2.11 | 2.66 | --- | --- | --- | --- | --- | --- | --- | | | |
| ARC-LENGTH CORRECTION FACTOR > | | | | | | | | | | | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 5.45 | 4.2 | 24.6 | 642 | 7.76 | 8.67 | 321 | 4.98 | 5.46 | 213 | 3.61 | 4.02 | --- | --- | --- | --- | --- | --- | --- | | | |
| 5.57 | 5.0 | 29.6 | 628 | 9.65 | 10.51 | 314 | 6.32 | 6.64 | 208 | 4.58 | 4.88 | --- | --- | --- | --- | --- | --- | --- | | | |
| 5.58 | 3.2 | 19.6 | 627 | 5.00 | 6.14 | 314 | 3.22 | 3.90 | 208 | 2.36 | 2.89 | --- | --- | --- | --- | --- | --- | --- | | | |
| 5.70 | 4.0 | 24.6 | 614 | 7.24 | 8.18 | 307 | 4.64 | 5.15 | 203 | 3.37 | 3.79 | --- | --- | --- | --- | --- | --- | --- | | | |
| 5.79 | 4.8 | 29.6 | 605 | 9.20 | 10.06 | 302 | 5.99 | 6.35 | 200 | 4.34 | 4.67 | --- | --- | --- | --- | --- | --- | --- | | | |
| 5.91 | 3.0 | 19.6 | 592 | 4.40 | 5.60 | 296 | 2.86 | 3.57 | 196 | 2.11 | 2.66 | --- | --- | --- | --- | --- | --- | --- | | | |
| 5.98 | 3.8 | 24.6 | 586 | 6.70 | 7.69 | 293 | 4.29 | 4.84 | 194 | 3.12 | 3.57 | --- | --- | --- | --- | --- | --- | --- | | | |
| 6.02 | 4.6 | 29.6 | 581 | 8.74 | 9.61 | 291 | 5.66 | 6.06 | 193 | 4.10 | 4.45 | --- | --- | --- | --- | --- | --- | --- | | | |
| 6.28 | 3.6 | 24.6 | 558 | 6.15 | 7.18 | 279 | 3.94 | 4.53 | 185 | 2.87 | 3.35 | --- | --- | --- | --- | --- | --- | --- | | | |
| 6.35 | 5.6 | 37.6 | 551 | 10.87 | 11.78 | 276 | 7.29 | 7.50 | 183 | 5.29 | 5.51 | --- | --- | --- | --- | --- | --- | --- | | | |
| 6.55 | 4.2 | 29.6 | 535 | 7.76 | 8.67 | 267 | 4.98 | 5.46 | 177 | 3.61 | 4.02 | --- | --- | --- | --- | --- | --- | --- | | | |
| 6.61 | 3.4 | 24.6 | 530 | 5.59 | 6.67 | 265 | 3.58 | 4.22 | 176 | 2.62 | 3.12 | --- | --- | --- | --- | --- | --- | --- | | | |
| 6.81 | 5.2 | 37.6 | 514 | 10.08 | 10.94 | 257 | 6.65 | 6.94 | 170 | 4.82 | 5.09 | --- | --- | --- | --- | --- | --- | --- | | | |
| 6.84 | 4.0 | 29.6 | 511 | 7.24 | 8.18 | 256 | 4.64 | 5.15 | 169 | 3.37 | 3.80 | --- | --- | --- | --- | --- | --- | --- | | | |
| 6.98 | 3.2 | 24.6 | 502 | 5.00 | 6.14 | 251 | 3.23 | 3.90 | 166 | 2.37 | 2.89 | --- | --- | --- | --- | --- | --- | --- | | | |
| ARC-LENGTH CORRECTION FACTOR > | | | | | | | | | | | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7.06 | 5.0 | 37.6 | 496 | 9.65 | 10.51 | 248 | 6.32 | 6.65 | 164 | 4.58 | 4.88 | --- | --- | --- | --- | --- | --- | --- | | | |
| 7.17 | 3.8 | 29.6 | 488 | 6.70 | 7.69 | 244 | 4.29 | 4.84 | 162 | 3.12 | 3.57 | --- | --- | --- | --- | --- | --- | --- | | | |
| 7.33 | 4.8 | 37.6 | 477 | 9.21 | 10.07 | 239 | 5.99 | 6.35 | 158 | 4.34 | 4.67 | --- | --- | --- | --- | --- | --- | --- | | | |
| 7.39 | 3.0 | 24.6 | 474 | 4.41 | 5.60 | 237 | 2.86 | 3.58 | 157 | 2.11 | 2.66 | --- | --- | --- | --- | --- | --- | --- | | | |
| 7.53 | 3.6 | 29.6 | 465 | 6.15 | 7.18 | 232 | 3.94 | 4.53 | 154 | 2.87 | 3.35 | --- | --- | --- | --- | --- | --- | --- | | | |
| 7.63 | 4.6 | 37.6 | 459 | 8.74 | 9.61 | 229 | 5.66 | 6.06 | 152 | 4.10 | 4.45 | --- | --- | --- | --- | --- | --- | --- | | | |
| 7.93 | 3.4 | 29.6 | 441 | 5.59 | 6.67 | 221 | 3.58 | 4.22 | 146 | 2.62 | 3.12 | --- | --- | --- | --- | --- | --- | --- | | | |
| 8.29 | 4.2 | 37.6 | 422 | 7.76 | 8.67 | 211 | 4.98 | 5.46 | 140 | 3.61 | 4.02 | --- | --- | --- | --- | --- | --- | --- | | | |
| 8.37 | 3.2 | 29.6 | 418 | 5.00 | 6.14 | 209 | 3.23 | 3.90 | 139 | 2.37 | 2.89 | --- | --- | --- | --- | --- | --- | --- | | | |
| 8.67 | 4.0 | 37.6 | 404 | 7.24 | 8.19 | 202 | 4.64 | 5.15 | 134 | 3.37 | 3.80 | --- | --- | --- | --- | --- | --- | --- | | | |
| 8.87 | 3.0 | 29.6 | 395 | 4.41 | 5.60 | 197 | 2.87 | 3.58 | 131 | 2.11 | 2.66 | --- | --- | --- | --- | --- | --- | --- | | | |
| 9.09 | 3.8 | 37.6 | 385 | 6.71 | 7.69 | 193 | 4.29 | 4.85 | 128 | 3.12 | 3.57 | --- | --- | --- | --- | --- | --- | --- | | | |
| 9.54 | 3.6 | 37.6 | 367 | 6.16 | 7.18 | 183 | 3.94 | 4.53 | 122 | 2.87 | 3.35 | --- | --- | --- | --- | --- | --- | --- | | | |
| 10.05 | 3.4 | 37.6 | 348 | 5.59 | 6.67 | 174 | 3.58 | 4.22 | 115 | 2.62 | 3.12 | --- | --- | --- | --- | --- | --- | --- | | | |
| 10.61 | 3.2 | 37.6 | 330 | 5.01 | 6.14 | 165 | 3.23 | 3.90 | 109 | 2.37 | 2.89 | --- | --- | --- | --- | --- | --- | --- | | | |
| 11.24 | 3.0 | 37.6 | 311 | 4.41 | 5.60 | 156 | 2.87 | 3.58 | 103 | 2.11 | 2.66 | --- | --- | --- | --- | --- | --- | --- | | | |
| ARC-LENGTH CORRECTION FACTOR > | | | | | | | | | | | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

| | | | |
|-------------------------------|------------------------------|---|--|
| SHEAVES PAGES PT7-2-PT7-27 | BELTS PAGES PT7-28-PT7-41 | SELECTION: WEDGE PAGES PT7-42-PT7-83 | ENGINEERING/TECHNICAL PAGES PT7-123-PT7-128 |
|-------------------------------|------------------------------|---|--|

SELECTION

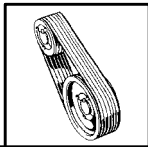


A S-L CLASSIC AX CLASSIC COG STOCK DRIVE SELECTIONS

| Belt Size/Center Distance | | | | | | | | | | | | | | | | | | | |
|---------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|---------------|---------------|---------------|
| Ratio | A48 AX48 | A51 AX51 | A53 AX53 | A55 AX55 | A60 AX60 | A64 AX64 | A66 AX66 | A68 AX68 | A71 AX71 | A75 AX75 | A78 AX78 | A80 AX80 | A85 AX85 | A90 AX90 | A96 AX96 | A105 AX105 | A112 AX112 | A120 AX120 | A128 AX128 |
| 3.69 | --- | --- | --- | --- | 10.8 | 13.2 | 14.3 | 15.5 | 17.1 | 19.2 | 20.8 | 21.9 | 24.5 | 27.1 | 30.2 | 34.8 | 38.3 | 42.4 | 46.4 |
| 3.71 | --- | --- | --- | --- | --- | --- | --- | 12.1 | 13.3 | 15.1 | 17.3 | 18.9 | 20.0 | 22.7 | 25.3 | 28.4 | 33.0 | 40.7 | 44.7 |
| 3.79 | 10.6 | 12.3 | 13.3 | 14.4 | 17.0 | 19.1 | 20.2 | 21.2 | 22.7 | 24.8 | 26.3 | 27.3 | 29.9 | 32.4 | 35.4 | 40.0 | 43.5 | 47.5 | 51.5 |
| 3.82 | --- | --- | 10.2 | 11.4 | 14.2 | 16.4 | 17.4 | 18.5 | 20.1 | 22.1 | 23.7 | 24.7 | 27.3 | 29.8 | 32.9 | 37.5 | 41.0 | 45.0 | 49.1 |
| 3.86 | --- | 9.9 | 11.1 | 12.2 | 15.0 | 17.1 | 18.2 | 19.2 | 20.8 | 22.8 | 24.4 | 25.4 | 28.0 | 30.5 | 33.6 | 38.1 | 41.7 | 45.7 | 49.7 |
| 3.92 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 13.4 | 16.5 | 19.4 | 22.7 | 27.6 | 31.2 | 35.4 | 39.5 |
| 4.01 | --- | --- | --- | --- | 11.1 | 13.5 | 14.6 | 15.7 | 17.4 | 19.5 | 21.1 | 22.1 | 24.8 | 27.4 | 30.4 | 35.0 | 38.6 | 42.7 | 46.7 |
| 4.02 | 10.7 | 12.4 | 13.5 | 14.5 | 17.2 | 19.3 | 20.3 | 21.3 | 22.9 | 24.9 | 26.4 | 27.5 | 30.0 | 32.5 | 35.6 | 40.1 | 43.6 | 47.7 | 51.7 |
| 4.07 | --- | 10.0 | 11.2 | 12.3 | 15.1 | 17.2 | 18.3 | 19.3 | 20.9 | 23.0 | 24.5 | 25.5 | 28.1 | 30.7 | 33.7 | 38.3 | 41.8 | 45.8 | 49.9 |
| 4.20 | --- | --- | --- | --- | 11.2 | 13.6 | 14.7 | 15.8 | 17.5 | 19.6 | 21.2 | 22.3 | 24.9 | 27.5 | 30.6 | 35.2 | 38.7 | 42.8 | 46.9 |
| 4.23 | --- | 9.2 | 10.5 | 11.6 | 14.4 | 16.6 | 17.7 | 18.7 | 20.3 | 22.4 | 24.0 | 25.0 | 27.6 | 30.1 | 33.2 | 37.7 | 41.3 | 45.3 | 49.4 |
| 4.30 | 8.3 | 10.1 | 11.3 | 12.5 | 15.2 | 17.4 | 18.4 | 19.5 | 21.0 | 23.1 | 24.7 | 25.7 | 28.2 | 30.8 | 33.8 | 38.4 | 41.9 | 46.0 | 50.0 |
| 4.36 | --- | --- | --- | --- | --- | 11.4 | 12.6 | 13.8 | 15.6 | 17.8 | 19.4 | 20.5 | 23.2 | 25.8 | 28.9 | 33.6 | 37.2 | 41.2 | 45.3 |
| 4.40 | --- | --- | --- | --- | 11.3 | 13.7 | 14.8 | 16.0 | 17.6 | 19.8 | 21.4 | 22.4 | 25.0 | 27.6 | 30.7 | 35.3 | 38.9 | 43.0 | 47.0 |
| 4.46 | --- | 9.3 | 10.6 | 11.8 | 14.6 | 16.7 | 17.8 | 18.9 | 20.5 | 22.5 | 24.1 | 25.1 | 27.7 | 30.3 | 33.3 | 37.9 | 41.4 | 45.5 | 49.5 |
| | 0.78 | 0.79 | 0.80 | 0.81 | 0.82 | 0.83 | 0.85 | 0.85 | 0.87 | 0.91 | 0.92 | 0.94 | 0.97 | 0.99 | 1.02 | 1.05 | 1.07 | 1.10 | 1.12 |
| 4.48 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 12.5 | 13.9 | 17.0 | 19.9 | 23.2 | 28.1 | 31.8 | 35.9 | 40.1 |
| 4.55 | 8.4 | 10.3 | 11.4 | 12.6 | 15.3 | 17.5 | 18.5 | 19.6 | 21.2 | 23.2 | 24.8 | 25.8 | 28.4 | 30.9 | 34.0 | 38.6 | 42.1 | 46.1 | 50.2 |
| 4.56 | --- | --- | --- | --- | --- | 11.5 | 12.7 | 13.9 | 15.7 | 17.9 | 19.6 | 20.7 | 23.3 | 26.0 | 29.1 | 33.7 | 37.3 | 41.4 | 45.5 |
| 4.62 | --- | --- | --- | --- | 11.4 | 13.8 | 15.0 | 16.1 | 17.7 | 19.9 | 21.5 | 22.5 | 25.2 | 27.8 | 30.9 | 35.5 | 39.0 | 43.1 | 47.1 |
| 4.64 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 12.6 | 14.0 | 17.1 | 20.0 | 23.4 | 28.2 | 31.9 | 36.1 | 40.2 |
| 4.73 | --- | 9.4 | 10.7 | 11.9 | 14.7 | 16.9 | 17.9 | 19.0 | 20.6 | 22.7 | 24.2 | 25.3 | 27.8 | 30.4 | 33.5 | 38.0 | 41.6 | 45.6 | 49.6 |
| 4.78 | --- | --- | --- | --- | 11.6 | 12.9 | 14.1 | 15.8 | 18.1 | 19.7 | 20.8 | 23.5 | 26.1 | 29.2 | 33.9 | 37.4 | 41.5 | 45.6 | 49.6 |
| 4.82 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 12.7 | 14.1 | 17.2 | 20.1 | 23.5 | 28.3 | 32.0 | 36.2 | 40.4 |
| 4.86 | --- | --- | --- | --- | 11.5 | 13.9 | 15.1 | 16.2 | 17.9 | 20.0 | 21.6 | 22.7 | 25.3 | 27.9 | 31.0 | 35.6 | 39.2 | 43.2 | 47.3 |
| 5.01 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16.7 | 22.3 | 26.3 | 30.7 | 35.0 | 39.0 |
| 5.02 | --- | --- | --- | --- | --- | 11.7 | 13.0 | 14.2 | 15.9 | 18.2 | 19.8 | 20.9 | 23.6 | 26.2 | 29.3 | 34.0 | 37.6 | 41.7 | 45.7 |
| 5.13 | --- | --- | --- | --- | 11.7 | 14.1 | 15.2 | 16.3 | 18.0 | 20.1 | 21.7 | 22.8 | 25.4 | 28.0 | 31.1 | 35.7 | 39.3 | 43.4 | 47.4 |
| 5.29 | --- | --- | --- | --- | --- | 11.8 | 13.1 | 14.3 | 16.1 | 18.3 | 20.0 | 21.0 | 23.7 | 26.4 | 29.5 | 34.1 | 37.7 | 41.8 | 45.9 |
| 5.37 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 16.9 | 22.5 | 26.5 | 30.9 | 35.2 | 39.2 |
| 5.44 | --- | --- | --- | --- | 11.8 | 14.2 | 15.3 | 16.5 | 18.1 | 20.3 | 21.9 | 22.9 | 25.6 | 28.2 | 31.3 | 35.9 | 39.5 | 43.5 | 47.6 |
| | 0.78 | 0.79 | 0.80 | 0.81 | 0.82 | 0.83 | 0.85 | 0.85 | 0.87 | 0.91 | 0.92 | 0.94 | 0.97 | 0.99 | 1.02 | 1.05 | 1.07 | 1.10 | 1.12 |
| 5.45 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 13.1 | 14.4 | 17.6 | 20.5 | 23.9 | 28.7 | 32.4 | 36.6 | 40.8 |
| 5.57 | --- | --- | --- | --- | --- | 11.9 | 13.2 | 14.4 | 16.2 | 18.4 | --- | --- | --- | 17.1 | 22.6 | 26.7 | 31.1 | 35.3 | 39.3 |
| 5.58 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20.1 | 21.2 | 23.8 | 26.5 | 29.6 | 34.3 | 37.9 | 42.0 | 46.0 |
| 5.70 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 13.2 | 14.6 | 17.7 | 20.6 | 24.0 | 28.9 | 32.6 | 36.8 | 40.9 |
| 5.79 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17.2 | 22.8 | 26.8 | 31.2 | 35.5 | 39.5 |
| 5.91 | --- | --- | --- | --- | --- | 12.1 | 13.3 | 14.5 | 16.3 | 18.6 | 20.2 | 21.3 | 24.0 | 26.6 | 29.8 | 34.4 | 38.0 | 42.1 | 46.2 |
| 5.98 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 13.3 | 14.7 | 17.8 | 20.7 | 24.1 | 29.0 | 32.7 | 36.9 | 41.0 |
| 6.02 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17.3 | 22.9 | 26.9 | 31.3 | 35.6 | 39.6 |
| 6.28 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 13.4 | 14.8 | 17.9 | 20.9 | 24.2 | 29.1 | 32.8 | 37.0 | 41.2 |
| 6.35 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20.5 | 25.8 | 30.0 |
| 6.55 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17.5 | 23.1 | 27.1 | 31.6 | 35.9 | 39.9 |
| 6.61 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 13.5 | 14.9 | 18.1 | 21.0 | 24.4 | 29.2 | 33.0 | 37.2 | 41.3 |
| 6.81 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20.7 | 26.0 | 30.0 |
| 6.84 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17.6 | 23.3 | 27.3 | 31.7 | 36.0 | 39.9 |
| 6.98 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 13.6 | 15.0 | 18.2 | 21.1 | 24.5 | 29.4 | 33.1 | 37.3 | 41.4 |
| | --- | --- | --- | --- | --- | 0.76 | 0.76 | 0.78 | 0.83 | 0.87 | 0.89 | 0.91 | 0.94 | 0.97 | 1.00 | 1.04 | 1.06 | 1.09 | 1.11 |
| 7.06 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20.8 | 26.1 | 30.0 |
| 7.17 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17.7 | 23.4 | 27.4 | 31.8 | 36.1 |
| 7.33 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 20.9 | 26.2 | 30.0 |
| 7.39 | --- | --- | --- | --- | --- | --- | --- | --- | 11.3 | 13.7 | 15.1 | 18.3 | 21.2 | 24.6 | 29.5 | 33.2 | 37.4 | 41.6 | 45.6 |
| 7.53 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 17.9 | 23.5 | 27.5 | 31.9 | 36.3 | 40.3 |
| 7.63 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21.1 | 26.4 | 30.0 |
| 7.93 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 18.0 | 23.6 | 27.6 | 32.1 | 36.4 | 40.0 |
| 8.29 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21.3 | 26.6 | 30.0 |
| 8.37 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 18.1 | 23.7 | 27.8 | 32.2 | 36.5 | 40.0 |
| 8.67 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21.4 | 26.7 | 30.0 |
| 8.87 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 18.2 | 23.9 | 27.9 | 32.3 | 36.6 | 40.0 |
| 9.09 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21.5 | 26.8 | 30.0 |
| 9.54 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21.6 | 26.9 | 30.0 |
| 10.05 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21.7 | 27.1 | 30.0 |
| 10.61 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 21.9 | 27.2 | 30.0 |
| 11.24 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | 22.0 | 27.3 | 30.0 |
| | --- | --- | --- | --- | --- | --- | --- | --- | 0.75 | 0.77 | 0.80 | 0.82 | 0.88 | 0.93 | 0.99 | 1.02 | 1.05 | 1.08 | |

| | | | |
|-------------------------------|------------------------------|---|--|
| SHEAVES PAGES PT7-2-PT7-27 | BELTS PAGES PT7-28-PT7-41 | SELECTION: WEDGE PAGES PT7-42-PT7-83 | ENGINEERING/TECHNICAL PAGES PT7-123-PT7-128 |
|-------------------------------|------------------------------|---|--|

SELECTION



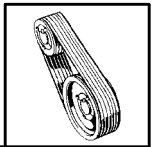
A S-L CLASSIC **AX** CLASSIC COG

Basic Horsepower Rating

| Faster Shaft RPM | Rated HP per Belt for Small Sheave Datum Dia. | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|----|
| | 2.2 | | 2.6 | | 3.0 | | 3.2 | | 3.4 | | 3.6 | | 3.8 | | 4.0 | | 4.2 | | 4.6 | | 4.8 | | 5.0 | |
| | AX | AX | A | AX | A | AX | A | AX | A | AX | A | AX | A | AX | A | AX | A | AX | A | AX | A | AX | A | AX |
| 870 | 1.02 | 1.40 | 1.31 | 1.78 | 1.51 | 1.96 | 1.71 | 2.14 | 1.91 | 2.32 | 2.10 | 2.50 | 2.30 | 2.68 | 2.49 | 2.86 | 2.87 | 3.20 | 3.06 | 3.38 | 3.25 | 3.55 | | |
| 1160 | 1.22 | 1.70 | 1.62 | 2.18 | 1.87 | 2.41 | 2.13 | 2.64 | 2.38 | 2.87 | 2.63 | 3.10 | 2.88 | 3.32 | 3.13 | 3.55 | 3.62 | 3.98 | 3.85 | 4.20 | 4.10 | 4.42 | | |
| 1750 | 1.52 | 2.21 | 2.13 | 2.87 | 2.50 | 3.20 | 2.86 | 3.52 | 3.21 | 3.83 | 3.57 | 4.15 | 3.92 | 4.46 | 4.26 | 4.77 | 4.94 | 5.37 | 5.28 | 5.67 | 5.61 | 5.96 | | |
| 3500 | 1.97 | 3.14 | 3.02 | 4.26 | 3.63 | 4.80 | 4.22 | 5.34 | 4.80 | 5.86 | 5.36 | 6.37 | 5.91 | 6.88 | 6.44 | 7.37 | 7.44 | 8.32 | 7.92 | 8.78 | 8.38 | 9.23 | | |
| 100 | 0.21 | 0.27 | 0.23 | 0.33 | 0.26 | 0.36 | 0.29 | 0.38 | 0.32 | 0.41 | 0.35 | 0.44 | 0.37 | 0.47 | 0.40 | 0.50 | 0.46 | 0.55 | 0.46 | 0.58 | 0.51 | 0.61 | | |
| 200 | 0.36 | 0.47 | 0.42 | 0.57 | 0.47 | 0.63 | 0.52 | 0.68 | 0.57 | 0.73 | 0.63 | 0.78 | 0.68 | 0.83 | 0.73 | 0.88 | 0.83 | 0.99 | 0.88 | 1.04 | 0.93 | 1.09 | | |
| 300 | 0.49 | 0.64 | 0.58 | 0.79 | 0.65 | 0.87 | 0.73 | 0.94 | 0.81 | 1.02 | 0.88 | 1.09 | 0.96 | 1.16 | 1.03 | 1.23 | 1.18 | 1.38 | 1.25 | 1.45 | 1.33 | 1.52 | | |
| 400 | 0.60 | 0.80 | 0.72 | 0.99 | 0.82 | 1.09 | 0.92 | 1.18 | 1.02 | 1.28 | 1.12 | 1.37 | 1.22 | 1.46 | 1.31 | 1.56 | 1.50 | 1.74 | 1.60 | 1.83 | 1.70 | 1.92 | | |
| 500 | 0.70 | 0.94 | 0.86 | 1.18 | 0.98 | 1.29 | 1.10 | 1.41 | 1.22 | 1.52 | 1.34 | 1.63 | 1.46 | 1.75 | 1.58 | 1.86 | 1.82 | 2.08 | 1.93 | 2.19 | 2.05 | 2.29 | | |
| 600 | 0.80 | 1.08 | 0.99 | 1.35 | 1.14 | 1.49 | 1.28 | 1.62 | 1.42 | 1.75 | 1.56 | 1.88 | 1.70 | 2.01 | 1.84 | 2.14 | 2.11 | 2.40 | 2.25 | 2.53 | 2.39 | 2.65 | | |
| 700 | 0.88 | 1.20 | 1.12 | 1.52 | 1.28 | 1.67 | 1.44 | 1.82 | 1.61 | 1.97 | 1.77 | 2.12 | 1.93 | 2.27 | 2.09 | 2.42 | 2.40 | 2.71 | 2.56 | 2.85 | 2.72 | 3.00 | | |
| 800 | 0.97 | 1.32 | 1.23 | 1.67 | 1.42 | 1.84 | 1.60 | 2.01 | 1.78 | 2.18 | 1.97 | 2.35 | 2.15 | 2.52 | 2.33 | 2.68 | 2.68 | 3.00 | 2.86 | 3.17 | 3.03 | 3.32 | | |
| 900 | 1.04 | 1.44 | 1.35 | 1.82 | 1.55 | 2.01 | 1.75 | 2.20 | 1.96 | 2.38 | 2.16 | 2.57 | 2.36 | 2.75 | 2.56 | 2.93 | 2.95 | 3.29 | 3.15 | 3.47 | 3.34 | 3.64 | | |
| 1000 | 1.11 | 1.54 | 1.45 | 1.96 | 1.68 | 2.17 | 1.90 | 2.37 | 2.12 | 2.58 | 2.34 | 2.78 | 2.56 | 2.98 | 2.78 | 3.17 | 3.21 | 3.56 | 3.43 | 3.76 | 3.64 | 3.95 | | |
| 1100 | 1.18 | 1.64 | 1.56 | 2.10 | 1.80 | 2.32 | 2.04 | 2.54 | 2.29 | 2.76 | 2.52 | 2.98 | 2.76 | 3.20 | 3.00 | 3.41 | 3.47 | 3.83 | 3.70 | 4.04 | 3.93 | 4.24 | | |
| 1200 | 1.24 | 1.74 | 1.66 | 2.23 | 1.92 | 2.47 | 2.18 | 2.71 | 2.44 | 2.94 | 2.70 | 3.18 | 2.96 | 3.41 | 3.21 | 3.64 | 3.71 | 4.09 | 3.96 | 4.31 | 4.21 | 4.53 | | |
| 1300 | 1.30 | 1.83 | 1.75 | 2.36 | 2.03 | 2.61 | 2.31 | 2.87 | 2.59 | 3.12 | 2.87 | 3.37 | 3.14 | 3.61 | 3.41 | 3.86 | 3.95 | 4.34 | 4.22 | 4.57 | 4.48 | 4.81 | | |
| 1400 | 1.35 | 1.92 | 1.84 | 2.46 | 2.14 | 2.75 | 2.44 | 3.02 | 2.74 | 3.29 | 3.03 | 3.55 | 3.32 | 3.81 | 3.61 | 4.07 | 4.18 | 4.58 | 4.47 | 4.83 | 4.75 | 5.08 | | |
| 1500 | 1.41 | 2.01 | 1.93 | 2.59 | 2.25 | 2.88 | 2.57 | 3.17 | 2.88 | 3.45 | 3.19 | 3.73 | 3.50 | 4.00 | 3.81 | 4.28 | 4.41 | 4.81 | 4.71 | 5.08 | 5.00 | 5.34 | | |
| 1600 | 1.46 | 2.09 | 2.01 | 2.71 | 2.35 | 3.01 | 2.69 | 3.31 | 3.02 | 3.61 | 3.35 | 3.90 | 3.67 | 4.19 | 3.99 | 4.48 | 4.63 | 5.04 | 4.94 | 5.32 | 5.25 | 5.59 | | |
| 1700 | 1.50 | 2.17 | 2.09 | 2.82 | 2.45 | 3.13 | 2.80 | 3.45 | 3.15 | 3.76 | 3.49 | 4.07 | 3.84 | 4.37 | 4.17 | 4.67 | 4.84 | 5.26 | 5.17 | 5.55 | 5.49 | 5.84 | | |
| 1800 | 1.55 | 2.24 | 2.17 | 2.92 | 2.54 | 3.26 | 2.91 | 3.58 | 3.28 | 3.91 | 3.64 | 4.23 | 4.00 | 4.55 | 4.35 | 4.86 | 5.05 | 5.46 | 5.39 | 5.78 | 5.73 | 6.08 | | |
| 1900 | 1.59 | 2.32 | 2.25 | 3.02 | 2.64 | 3.37 | 3.02 | 3.71 | 3.40 | 4.05 | 3.78 | 4.39 | 4.15 | 4.72 | 4.52 | 5.05 | 5.24 | 5.69 | 5.60 | 6.00 | 5.95 | 6.32 | | |
| 2000 | 1.63 | 2.38 | 2.32 | 3.12 | 2.72 | 3.48 | 3.13 | 3.84 | 3.52 | 4.19 | 3.91 | 4.54 | 4.30 | 4.88 | 4.68 | 5.22 | 5.44 | 5.89 | 5.81 | 6.22 | 6.17 | 6.54 | | |
| 2100 | 1.66 | 2.45 | 2.39 | 3.22 | 2.81 | 3.59 | 3.23 | 3.96 | 3.64 | 4.33 | 4.04 | 4.69 | 4.45 | 5.05 | 4.84 | 5.40 | 5.62 | 6.09 | 6.00 | 6.43 | 6.38 | 6.76 | | |
| 2200 | 1.70 | 2.52 | 2.45 | 3.31 | 2.89 | 3.70 | 3.32 | 4.08 | 3.75 | 4.46 | 4.17 | 4.84 | 4.59 | 5.20 | 5.00 | 5.57 | 5.80 | 6.28 | 6.19 | 6.63 | 6.58 | 6.98 | | |
| 2300 | 1.73 | 2.58 | 2.51 | 3.40 | 2.97 | 3.80 | 3.41 | 4.20 | 3.86 | 4.59 | 4.29 | 4.98 | 4.72 | 5.36 | 5.14 | 5.73 | 5.97 | 6.47 | 6.37 | 6.83 | 6.77 | 7.19 | | |
| 2400 | 1.76 | 2.64 | 2.57 | 3.49 | 3.04 | 3.90 | 3.50 | 4.31 | 3.96 | 4.71 | 4.41 | 5.11 | 4.85 | 5.51 | 5.28 | 5.89 | 6.13 | 6.65 | 6.55 | 7.02 | 6.96 | 7.39 | | |
| 2500 | 1.79 | 2.69 | 2.63 | 3.57 | 3.11 | 4.00 | 3.59 | 4.42 | 4.06 | 4.84 | 4.52 | 5.25 | 4.97 | 5.65 | 5.42 | 6.05 | 6.29 | 6.83 | 6.72 | 7.21 | 7.13 | 7.59 | | |
| 2600 | 1.81 | 2.75 | 2.68 | 3.65 | 3.18 | 4.09 | 3.67 | 4.53 | 4.15 | 4.95 | 4.63 | 5.38 | 5.09 | 5.79 | 5.55 | 6.20 | 6.44 | 7.00 | 6.87 | 7.39 | 7.30 | 7.78 | | |
| 2700 | 1.84 | 2.80 | 2.73 | 3.73 | 3.24 | 4.18 | 3.75 | 4.63 | 4.24 | 5.07 | 4.73 | 5.50 | 5.20 | 5.93 | 5.67 | 6.35 | 6.58 | 7.17 | 7.02 | 7.57 | 7.46 | 7.96 | | |
| 2800 | 1.86 | 2.85 | 2.78 | 3.80 | 3.30 | 4.27 | 3.82 | 4.73 | 4.33 | 5.18 | 4.82 | 5.62 | 5.31 | 6.06 | 5.79 | 6.49 | 6.72 | 7.33 | 7.17 | 7.74 | 7.61 | 8.14 | | |
| 2900 | 1.88 | 2.90 | 2.82 | 3.88 | 3.36 | 4.35 | 3.89 | 4.82 | 4.41 | 5.29 | 4.92 | 5.74 | 5.41 | 6.19 | 5.90 | 6.63 | 6.85 | 7.49 | 7.30 | 7.90 | 7.74 | 8.32 | | |
| 3000 | 1.90 | 2.94 | 2.86 | 3.95 | 3.41 | 4.44 | 3.95 | 4.92 | 4.48 | 5.39 | 5.00 | 5.85 | 5.51 | 6.31 | 6.01 | 6.76 | 6.97 | 7.64 | 7.43 | 8.06 | 7.87 | 8.48 | | |
| 3100 | 1.92 | 2.98 | 2.90 | 4.01 | 3.46 | 4.51 | 4.02 | 5.01 | 4.56 | 5.49 | 5.09 | 5.97 | 5.60 | 6.43 | 6.11 | 6.89 | 7.08 | 7.78 | 7.54 | 8.22 | 8.00 | 8.64 | | |
| 3200 | 1.93 | 3.03 | 2.94 | 4.08 | 3.51 | 4.59 | 4.07 | 5.09 | 4.62 | 5.59 | 5.16 | 6.07 | 5.69 | 6.55 | 6.20 | 7.02 | 7.18 | 7.93 | 7.65 | 8.37 | 8.11 | 8.80 | | |
| 3300 | 1.95 | 3.06 | 2.97 | 4.14 | 3.55 | 4.66 | 4.13 | 5.18 | 4.69 | 5.68 | 5.23 | 6.18 | 5.77 | 6.66 | 6.28 | 7.14 | 7.28 | 8.06 | 7.75 | 8.51 | 8.21 | 8.95 | | |
| 3400 | 1.96 | 3.10 | 3.00 | 4.20 | 3.59 | 4.74 | 4.18 | 5.26 | 4.75 | 5.77 | 5.30 | 6.28 | 5.84 | 6.77 | 6.36 | 7.25 | 7.36 | 8.19 | 7.84 | 8.65 | 8.30 | 9.10 | | |
| 3500 | 1.97 | 3.14 | 3.02 | 4.26 | 3.63 | 4.80 | 4.22 | 5.34 | 4.80 | 5.86 | 5.36 | 6.37 | 5.91 | 6.88 | 6.44 | 7.37 | 7.44 | 8.32 | 7.92 | 8.78 | 8.38 | 9.23 | | |
| 3600 | 1.98 | 3.17 | 3.04 | 4.31 | 3.56 | 4.87 | 4.26 | 5.41 | 4.85 | 5.94 | 5.42 | 6.47 | 5.97 | 6.98 | 6.50 | 7.48 | 7.51 | 8.44 | 7.99 | 8.91 | 8.45 | 9.37 | | |
| 3700 | 1.99 | 3.20 | 3.06 | 4.37 | 3.69 | 4.93 | 4.30 | 5.49 | 4.89 | 6.03 | 5.47 | 6.56 | 6.02 | 7.07 | 6.56 | 7.58 | 7.57 | 8.56 | 8.05 | 9.03 | 8.50 | 9.50 | | |
| 3800 | 1.99 | 3.23 | 3.08 | 4.42 | 3.71 | 4.99 | 4.33 | 5.55 | 4.93 | 6.10 | 5.51 | 6.64 | 6.07 | 7.17 | 6.61 | 7.68 | 7.63 | 8.67 | 8.10 | 9.15 | 8.55 | 9.62 | | |
| 3900 | 2.00 | 3.26 | 3.09 | 4.47 | 3.74 | 5.05 | 4.36 | 5.62 | 4.97 | 6.18 | 5.55 | 6.73 | 6.11 | 7.26 | 6.65 | 7.78 | 7.67 | 8.78 | 8.14 | 9.26 | 8.59 | 9.73 | | |
| 4000 | 2.00 | 3.29 | 3.10 | 4.51 | 3.75 | 5.11 | 4.38 | 5.69 | 4.99 | 6.25 | 5.58 | 6.81 | 6.15 | 7.34 | 6.69 | 7.87 | 7.70 | 8.88 | 8.17 | 9.37 | 8.61 | 9.84 | | |

| | | | |
|-------------------------------|------------------------------|---|--|
| SHEAVES PAGES PT7-2-PT7-27 | BELTS PAGES PT7-28-PT7-41 | SELECTION: WEDGE PAGES PT7-42-PT7-83 | ENGINEERING/TECHNICAL PAGES PT7-123-PT7-128 |
|-------------------------------|------------------------------|---|--|

SELECTION



A S-L CLASSIC AX CLASSIC COG

Basic Horsepower Rating

| Faster Shaft RPM | Rated HP per Belt for Small Sheave Datum Dia. | | | | | | | | | | | | Add'l HP/Belt for Speed Ratio of: | | | | | | | | | | |
|------------------|---|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------------------------|-------|------|------|------|------|------|------|------|------|------|
| | 5.2 | | 5.6 | | 5.8 | | 6.0 | | 6.4 | | 6.6 | | 7.0 | | 1.02 | 1.05 | 1.09 | 1.13 | 1.19 | 1.25 | 1.35 | 1.52 | 2.00 |
| | A | AX | A | AX | A | AX | A | AX | A | AX | A | AX | A | AX | 1.04 | 1.08 | 1.12 | 1.18 | 1.24 | 1.34 | 1.51 | 1.99 | & up |
| 870 | 3.44 | 3.72 | 3.81 | 4.05 | 3.99 | 4.22 | 4.18 | 4.38 | 4.54 | 4.71 | 4.72 | 4.87 | 5.08 | 5.19 | 0.03 | 0.05 | 0.08 | 0.10 | 0.13 | 0.15 | 0.16 | 0.20 | 0.23 |
| 1160 | 4.34 | 4.63 | 4.81 | 5.05 | 5.04 | 5.26 | 5.28 | 5.47 | 5.74 | 5.87 | 5.96 | 6.08 | 6.42 | 6.48 | 0.03 | 0.06 | 0.10 | 0.13 | 0.17 | 0.20 | 0.21 | 0.26 | 0.29 |
| 1750 | 5.94 | 6.25 | 6.59 | 6.83 | 6.90 | 7.11 | 7.22 | 7.39 | 7.84 | 7.94 | 8.14 | 8.21 | 8.73 | 8.75 | 0.04 | 0.09 | 0.15 | 0.20 | 0.26 | 0.30 | 0.35 | 0.40 | 0.44 |
| 3500 | 8.82 | 9.68 | 9.64 | 10.53 | 10.02 | 10.94 | 10.38 | 11.34 | 11.03 | 12.10 | 11.32 | 12.47 | --- | --- | 0.08 | 0.19 | 0.31 | 0.41 | 0.52 | 0.60 | 0.70 | 0.79 | 0.87 |
| 100 | 0.54 | 0.63 | 0.59 | 0.69 | 0.62 | 0.71 | 0.64 | 0.74 | 0.70 | 0.79 | 0.72 | 0.82 | 0.78 | 0.87 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 |
| 200 | 0.98 | 1.13 | 1.09 | 1.23 | 1.14 | 1.28 | 1.19 | 1.33 | 1.29 | 1.43 | 1.34 | 1.47 | 1.43 | 1.57 | 0.00 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.04 | 0.04 | 0.05 |
| 300 | 1.40 | 1.59 | 1.54 | 1.73 | 1.62 | 1.79 | 1.69 | 1.86 | 1.83 | 2.00 | 1.90 | 2.07 | 2.05 | 2.20 | 0.01 | 0.02 | 0.03 | 0.03 | 0.04 | 0.05 | 0.05 | 0.06 | 0.06 |
| 400 | 1.79 | 2.01 | 1.98 | 2.18 | 2.07 | 2.27 | 2.17 | 2.36 | 2.35 | 2.53 | 2.44 | 2.62 | 2.63 | 2.79 | 0.01 | 0.02 | 0.03 | 0.04 | 0.06 | 0.07 | 0.08 | 0.09 | 0.09 |
| 500 | 2.16 | 2.40 | 2.39 | 2.62 | 2.51 | 2.72 | 2.62 | 2.83 | 2.85 | 3.03 | 2.96 | 3.14 | 3.18 | 3.34 | 0.01 | 0.03 | 0.04 | 0.06 | 0.07 | 0.08 | 0.10 | 0.11 | 0.12 |
| 600 | 2.52 | 2.78 | 2.79 | 3.03 | 2.93 | 3.15 | 3.06 | 3.27 | 3.33 | 3.51 | 3.46 | 3.63 | 3.72 | 3.87 | 0.01 | 0.03 | 0.05 | 0.07 | 0.09 | 0.10 | 0.12 | 0.13 | 0.15 |
| 700 | 2.87 | 3.14 | 3.18 | 3.42 | 3.33 | 3.56 | 3.49 | 3.70 | 3.79 | 3.97 | 3.94 | 4.11 | 4.24 | 4.38 | 0.02 | 0.04 | 0.06 | 0.08 | 0.10 | 0.12 | 0.14 | 0.16 | 0.17 |
| 800 | 3.21 | 3.48 | 3.55 | 3.80 | 3.73 | 3.95 | 3.90 | 4.11 | 4.24 | 4.41 | 4.41 | 4.56 | 4.74 | 4.86 | 0.02 | 0.04 | 0.07 | 0.09 | 0.12 | 0.14 | 0.16 | 0.18 | 0.20 |
| 900 | 3.53 | 3.82 | 3.92 | 4.16 | 4.11 | 4.33 | 4.30 | 4.50 | 4.67 | 4.84 | 4.86 | 5.00 | 5.23 | 5.33 | 0.02 | 0.05 | 0.08 | 0.10 | 0.13 | 0.15 | 0.18 | 0.20 | 0.22 |
| 1000 | 3.85 | 4.14 | 4.27 | 4.51 | 4.48 | 4.70 | 4.68 | 4.88 | 5.09 | 5.25 | 5.29 | 5.43 | 5.70 | 5.78 | 0.02 | 0.05 | 0.09 | 0.11 | 0.15 | 0.17 | 0.20 | 0.22 | 0.25 |
| 1100 | 4.16 | 4.45 | 4.61 | 4.85 | 4.83 | 5.05 | 5.06 | 5.25 | 5.50 | 5.64 | 5.72 | 5.84 | 6.15 | 6.22 | 0.02 | 0.06 | 0.09 | 0.13 | 0.16 | 0.19 | 0.22 | 0.25 | 0.27 |
| 1200 | 4.45 | 4.75 | 4.94 | 5.18 | 5.18 | 5.40 | 5.42 | 5.61 | 5.89 | 6.03 | 6.13 | 6.23 | 6.59 | 6.64 | 0.03 | 0.06 | 0.10 | 0.14 | 0.18 | 0.21 | 0.24 | 0.27 | 0.29 |
| 1300 | 4.74 | 5.04 | 5.26 | 5.50 | 5.52 | 5.73 | 5.77 | 5.95 | 6.27 | 6.40 | 6.52 | 6.62 | 7.01 | 7.05 | 0.03 | 0.07 | 0.11 | 0.15 | 0.19 | 0.22 | 0.26 | 0.29 | 0.32 |
| 1400 | 5.02 | 5.32 | 5.57 | 5.81 | 5.84 | 6.05 | 6.11 | 6.29 | 6.64 | 6.76 | 6.91 | 6.99 | 7.42 | 7.45 | 0.03 | 0.07 | 0.12 | 0.16 | 0.21 | 0.24 | 0.28 | 0.31 | 0.35 |
| 1500 | 5.30 | 5.60 | 5.88 | 6.11 | 6.16 | 6.37 | 6.44 | 6.62 | 7.00 | 7.11 | 7.28 | 7.35 | 7.82 | 7.84 | 0.03 | 0.08 | 0.13 | 0.17 | 0.22 | 0.26 | 0.30 | 0.33 | 0.37 |
| 1600 | 5.56 | 5.87 | 6.17 | 6.40 | 6.47 | 6.67 | 6.76 | 6.93 | 7.34 | 7.45 | 7.63 | 7.71 | 8.20 | 8.21 | 0.04 | 0.08 | 0.14 | 0.19 | 0.24 | 0.27 | 0.32 | 0.36 | 0.40 |
| 1700 | 5.82 | 6.13 | 6.45 | 6.69 | 6.76 | 6.97 | 7.07 | 7.24 | 7.68 | 7.78 | 7.97 | 8.05 | 8.56 | 8.57 | 0.04 | 0.09 | 0.15 | 0.20 | 0.25 | 0.29 | 0.34 | 0.38 | 0.42 |
| 1800 | 6.06 | 6.38 | 6.72 | 6.96 | 7.04 | 7.25 | 7.36 | 7.54 | 7.99 | 8.10 | 8.30 | 8.38 | 8.90 | 8.92 | 0.04 | 0.09 | 0.16 | 0.21 | 0.27 | 0.31 | 0.36 | 0.41 | 0.45 |
| 1900 | 6.30 | 6.62 | 6.98 | 7.23 | 7.32 | 7.53 | 7.65 | 7.83 | 8.30 | 8.41 | 8.61 | 8.70 | 9.23 | 9.26 | 0.04 | 0.10 | 0.17 | 0.22 | 0.28 | 0.32 | 0.38 | 0.43 | 0.47 |
| 2000 | 6.53 | 6.86 | 7.23 | 7.49 | 7.58 | 7.80 | 7.92 | 8.11 | 8.59 | 8.71 | 8.91 | 9.01 | 9.55 | 9.59 | 0.05 | 0.11 | 0.18 | 0.23 | 0.29 | 0.34 | 0.40 | 0.45 | 0.49 |
| 2100 | 6.75 | 7.10 | 7.48 | 7.75 | 7.83 | 8.07 | 8.18 | 8.38 | 8.86 | 9.00 | 9.19 | 9.31 | 9.84 | 9.90 | 0.05 | 0.11 | 0.19 | 0.24 | 0.31 | 0.36 | 0.42 | 0.47 | 0.52 |
| 2200 | 6.96 | 7.32 | 7.71 | 7.99 | 8.07 | 8.32 | 8.43 | 8.65 | 9.12 | 9.28 | 9.46 | 9.60 | 10.12 | 10.21 | 0.05 | 0.12 | 0.20 | 0.26 | 0.32 | 0.38 | 0.44 | 0.49 | 0.55 |
| 2300 | 7.16 | 7.54 | 7.93 | 8.23 | 8.30 | 8.57 | 8.66 | 8.90 | 9.37 | 9.56 | 9.71 | 9.88 | 10.38 | 10.50 | 0.05 | 0.12 | 0.21 | 0.27 | 0.34 | 0.40 | 0.46 | 0.51 | 0.57 |
| 2400 | 7.36 | 7.75 | 8.14 | 8.46 | 8.51 | 8.81 | 8.88 | 9.15 | 9.60 | 9.82 | 9.95 | 10.15 | 10.62 | 10.79 | 0.05 | 0.13 | 0.21 | 0.28 | 0.36 | 0.42 | 0.46 | 0.54 | 0.60 |
| 2500 | 7.54 | 7.96 | 8.33 | 8.68 | 8.72 | 9.04 | 9.09 | 9.39 | 9.82 | 10.07 | 10.17 | 10.41 | 10.83 | 11.06 | 0.05 | 0.13 | 0.22 | 0.29 | 0.37 | 0.43 | 0.49 | 0.56 | 0.62 |
| 2600 | 7.71 | 8.16 | 8.52 | 8.90 | 8.91 | 9.26 | 9.29 | 9.62 | 10.02 | 10.32 | 10.37 | 10.56 | 11.03 | 11.32 | 0.06 | 0.14 | 0.23 | 0.30 | 0.39 | 0.45 | 0.51 | 0.58 | 0.65 |
| 2700 | 7.88 | 8.35 | 8.69 | 9.11 | 9.09 | 9.48 | 9.47 | 9.84 | 10.20 | 10.55 | 10.55 | 10.90 | 11.21 | 11.57 | 0.06 | 0.14 | 0.24 | 0.31 | 0.40 | 0.46 | 0.53 | 0.61 | 0.67 |
| 2800 | 8.03 | 8.54 | 8.86 | 9.31 | 9.25 | 9.69 | 9.63 | 10.06 | 10.37 | 10.78 | 10.71 | 11.13 | 11.37 | 11.81 | 0.06 | 0.15 | 0.25 | 0.32 | 0.42 | 0.46 | 0.56 | 0.63 | 0.69 |
| 2900 | 8.18 | 8.72 | 9.01 | 9.51 | 9.40 | 9.89 | 9.79 | 10.27 | 10.52 | 11.00 | 10.86 | 11.35 | 11.51 | 12.04 | 0.06 | 0.16 | 0.26 | 0.33 | 0.43 | 0.48 | 0.58 | 0.65 | 0.71 |
| 3000 | 8.31 | 8.89 | 9.14 | 9.69 | 9.54 | 10.08 | 9.92 | 10.47 | 10.65 | 11.21 | 10.99 | 11.57 | 11.62 | 12.26 | 0.07 | 0.16 | 0.27 | 0.35 | 0.45 | 0.51 | 0.60 | 0.67 | 0.74 |
| 3100 | 8.43 | 9.06 | 9.27 | 9.88 | 9.67 | 10.27 | 10.05 | 10.66 | 10.76 | 11.40 | 11.10 | 11.77 | 11.71 | 12.47 | 0.07 | 0.17 | 0.27 | 0.36 | 0.47 | 0.53 | 0.62 | 0.69 | 0.77 |
| 3200 | 8.55 | 9.23 | 9.38 | 10.05 | 9.78 | 10.45 | 10.15 | 10.84 | 10.86 | 11.59 | 11.18 | 11.96 | 11.78 | 12.66 | 0.07 | 0.17 | 0.28 | 0.37 | 0.48 | 0.55 | 0.64 | 0.72 | 0.80 |
| 3300 | 8.65 | 9.38 | 9.38 | 10.22 | 9.87 | 10.62 | 10.24 | 11.01 | 10.93 | 11.77 | 11.25 | 12.14 | 11.83 | 12.84 | 0.07 | 0.18 | 0.27 | 0.38 | 0.49 | 0.57 | 0.66 | 0.74 | 0.82 |
| 3400 | 8.74 | 9.53 | 9.57 | 10.38 | 9.95 | 10.78 | 10.32 | 11.18 | 10.99 | 10.94 | 11.30 | 12.31 | 11.85 | 13.02 | 0.08 | 0.19 | 0.30 | 0.40 | 0.50 | 0.59 | 0.68 | 0.76 | 0.84 |
| 3500 | 8.82 | 9.68 | 9.64 | 10.53 | 10.02 | 10.94 | 10.38 | 11.34 | 11.03 | 12.10 | 11.32 | 12.47 | --- | --- | 0.08 | 0.20 | 0.31 | 0.41 | 0.51 | 0.60 | 0.70 | 0.79 | 0.86 |
| 3600 | 8.88 | 9.81 | 9.69 | 10.67 | 10.07 | 11.08 | 10.42 | 11.49 | 11.05 | 12.26 | 11.33 | 12.62 | --- | --- | 0.08 | 0.20 | 0.32 | 0.42 | 0.53 | 0.62 | 0.72 | 0.81 | 0.89 |
| 3700 | 8.94 | 9.94 | 9.74 | 10.81 | 10.10 | 11.22 | 10.44 | 11.63 | 11.04 | 12.40 | --- | --- | --- | --- | 0.08 | 0.21 | 0.33 | 0.43 | 0.55 | 0.64 | 0.74 | 0.83 | 0.91 |
| 3800 | 8.98 | 10.07 | 9.76 | 10.94 | 10.12 | 11.36 | 10.45 | 11.76 | --- | --- | --- | --- | --- | --- | 0.09 | 0.21 | 0.34 | 0.44 | 0.56 | 0.66 | 0.76 | 0.85 | 0.94 |
| 3900 | 9.01 | 10.19 | 9.78 | 11.06 | 10.12 | 11.48 | 10.43 | 11.88 | --- | --- | --- | --- | --- | --- | 0.09 | 0.22 | 0.35 | 0.45 | 0.58 | 0.67 | 0.78 | 0.87 | 0.97 |
| 4000 | 9.03 | 10.30 | 9.77 | 11.18 | 10.10 | 11.60 | --- | --- | --- | --- | --- | --- | --- | --- | 0.09 | 0.22 | 0.35 | 0.47 | 0.60 | 0.69 | 0.80 | 0.90 | 1.00 |

Note: Shaded area indicate operation above 6500 FPM rim speed. Special sheave construction required.

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| SHEAVES PAGES PT7-2-PT7-27 | BELTS PAGES PT7-28-PT7-41 | SELECTION: WEDGE PAGES PT7-42-PT7-83 | ENGINEERING/TECHNICAL PAGES PT7-123-PT7-128 |
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