

**C PTO'S**

**Standard Power Take-Off Units**

( Includes Drive Ring, Pilot Bearing, and Hand Lever)

| Model   | Drawing Number | Bill of Material (BOM) | SAE Housing | Collar Type  | Pilot Bearing Size (mm) | List Price |
|---------|----------------|------------------------|-------------|--------------|-------------------------|------------|
| C106SP6 | X8317          | CX106P601              | 6           | Bronze       | 52                      | Contact TD |
| C106SP6 | X8317          | ---                    | 6           | Ball Bearing | 52                      | ---        |
| C106SP5 | X8317          | CX106P501              | 5           | Bronze       | 52                      | \$1,019.64 |
| C106SP5 | X8317          | ---                    | 5           | Ball Bearing | 52                      | ---        |
| C106SP4 | X8317          | CX106P401              | 4           | Bronze       | 52                      | \$1,040.34 |
| C106SP4 | X8317          | ---                    | 4           | Ball Bearing | 52                      | ---        |
| C107SP6 | X8317          | CX107P601              | 6           | Bronze       | 52                      | \$1,019.64 |
| C107SP6 | X8317          | ---                    | 6           | Ball Bearing | 52                      | ---        |
| C107SP5 | X8317          | CX107P501              | 5           | Bronze       | 52                      | \$1,040.34 |
| C107SP5 | X8317          | ---                    | 5           | Ball Bearing | 52                      | ---        |
| C107SP4 | X8317          | CX107P401              | 4           | Bronze       | 52                      | \$1,054.96 |
| C107SP4 | X8317          | ---                    | 4           | Ball Bearing | 52                      | ---        |
| C107HP5 | CX107P504      | CX107P504              | 5           | Bronze       | 52                      | \$1,091.50 |
| C108HP5 | X8419A         | CX108P501              | 5           | Bronze       | 62                      | \$1,254.75 |
| C108HP5 | X8419A         | ---                    | 5           | Ball Bearing | 62                      | ---        |
| C108HP4 | X8419A         | CX108P401              | 4           | Bronze       | 62                      | \$1,273.02 |
| C108HP4 | X8419A         | ---                    | 4           | Ball Bearing | 62                      | ---        |
| C108HP3 | X8419A         | CX108P301              | 3           | Bronze       | 62                      | \$1,294.95 |
| C108HP3 | X8419A         | ---                    | 3           | Ball Bearing | 62                      | ---        |
| C110HP4 | X8249          | CX110P401              | 4           | Bronze       | 72                      | \$1,324.19 |
| C110HP4 | X8249          | CX110P407              | 4           | Ball Bearing | 72                      | \$1,382.27 |
| C110HP3 | X8249          | CX110P301              | 3           | Bronze       | 72                      | \$1,244.60 |
| C110HP3 | X8249          | CX110P307              | 3           | Ball Bearing | 72                      | \$1,302.68 |
| C110HP2 | X8249          | CX110P201              | 2           | Bronze       | 72                      | \$1,464.28 |
| C110HP2 | X8249          | ---                    | 2           | Ball Bearing | 72                      | ---        |
| C110HP1 | X8249          | CX110P101              | 1           | Bronze       | 72                      | Contact TD |
| C110HP1 | X8249          | ---                    | 1           | Ball Bearing | 72                      | ---        |
| C111HP4 | X8249          | CX111P401              | 4           | Bronze       | 72                      | \$1,673.81 |
| C111HP4 | X8249          | ---                    | 4           | Ball Bearing | 72                      | ---        |
| C111HP3 | X8249          | CX111P301              | 3           | Bronze       | 72                      | \$1,617.77 |
| C111HP3 | X8249          | ---                    | 3           | Ball Bearing | 72                      | ---        |
| C111HP2 | X8249          | 15588                  | 2           | Bronze       | 72                      | \$2,291.75 |
| C111HP2 | X8249          | ---                    | 2           | Ball Bearing | 72                      | ---        |
| C111HP1 | X8249          | 35742                  | 1           | Bronze       | 72                      | \$2,565.74 |
| C111HP1 | X8249          | ---                    | 1           | Ball Bearing | 72                      | ---        |

In cases where an Engine flywheel housing is larger than the available PTO housing, an adapter ring can be used. (Adapter rings are LIST EXTRA) - See G-1K pg.5

Finger Springs are available as an optional accessory for C106 thru C111 size PTO's. Prices are available through Customer Service or CRIS.

All Drawing numbers and Bills of Material listed represent a standard unit which is typical of the series. It may or may not show optional features which would alter the unit price.

SP PTO's

**Standard Power Take-Off Units**

( Includes Drive Ring, Pilot Bearing, and Hand Lever )

| Model    | Drawing Number | Bill of Material (BOM) | SAE Housing | Collar Type  | Pilot Bearing Size (mm) | List Price |
|----------|----------------|------------------------|-------------|--------------|-------------------------|------------|
| SP111P3  | X9619          | SP111P304              | 3           | Bronze       | 72                      | \$1,627.23 |
| SP111P3  | X9619          | ---                    | 3           | Ball Bearing | 72                      | ---        |
| SP111P2  | X9619          | SP111P205              | 2           | Bronze       | 72                      | \$1,465.45 |
| SP111P2  | X9619          | ---                    | 2           | Ball Bearing | 72                      | ---        |
| SP111P1  | X9619          | 35316                  | 1           | Bronze       | 72                      | \$1,341.84 |
| SP111P1  | X9619          | 38579                  | 1           | Ball Bearing | 72                      | \$1,425.04 |
| SP111HP3 | X9582          | SP111P301              | 3           | Bronze       | 72                      | \$1,347.79 |
| SP111HP3 | X9582          | ---                    | 3           | Ball Bearing | 72                      | ---        |
| SP111HP2 | X9582          | SP111P201              | 2           | Bronze       | 72                      | \$1,371.55 |
| SP111HP2 | X9582          | ---                    | 2           | Ball Bearing | 72                      | ---        |
| SP111HP1 | X9582          | SP111P101              | 1           | Bronze       | 72                      | \$1,398.89 |
| SP111HP1 | X9582          | ---                    | 1           | Ball Bearing | 72                      | ---        |
| SP211HP3 | X9681          | SP211P301              | 3           | Bronze       | 72                      | \$1,899.25 |
| SP211HP3 | X9681          | SP211P304              | 3           | Ball Bearing | 72                      | \$1,957.05 |
| SP211HP2 | X9681          | SP211P201              | 2           | Bronze       | 72                      | \$1,920.64 |
| SP211HP2 | X9681          | SP211P203              | 2           | Ball Bearing | 72                      | \$1,978.44 |
| SP211HP1 | X9681          | SP211P101              | 1           | Bronze       | 72                      | \$1,949.16 |
| SP211HP1 | X9681          | ---                    | 1           | Ball Bearing | 72                      | ---        |
| SP311P3  | XA7570         | SP311P301              | 3           | Ball Bearing | 72                      | \$3,133.77 |
| SP311P2  | XA7570         | SP311P201              | 2           | Ball Bearing | 72                      | \$3,228.33 |
| SP114P1  | X9643          | SP114P101              | 1           | Bronze       | 80                      | \$2,164.29 |
| SP114P1  | X9643          | SP114P112              | 1           | Ball Bearing | 80                      | \$2,518.11 |
| SP114P0  | X9643          | SP114P001              | 0           | Bronze       | 80                      | \$2,884.53 |
| SP114P0  | X9643          | ---                    | 0           | Ball Bearing | 80                      | ---        |
| SP214P1  | X9803          | SP214P101              | 1           | Bronze       | 80                      | \$3,038.00 |
| SP214P1  | X9803          | SP214P115              | 1           | Ball Bearing | 80                      | \$3,154.32 |
| SP214P0  | X9803          | SP214P004              | 0           | Bronze       | 80                      | \$3,119.21 |
| SP214P0  | X9803          | ---                    | 0           | Ball Bearing | 80                      | ---        |
| SP214OP1 | X9845          | SP214P125              | 1           | Bronze       | 80                      | \$6,752.31 |
| SP214OP1 | X9845          | 38587                  | 1           | Ball Bearing | 80                      | \$7,020.19 |
| SP214OP0 | X9845          | 35858                  | 0           | Bronze       | 80                      | \$7,234.56 |
| SP214OP0 | X9845          | ---                    | 0           | Ball Bearing | 80                      | ---        |
| SP314P1  | X9585          | SP314P101              | 1           | Bronze       | 80                      | \$4,075.70 |
| SP314P1  | X9585          | ---                    | 1           | Ball Bearing | 80                      | ---        |
| SP314P0  | X9585          | SP314P003              | 0           | Bronze       | 80                      | \$4,156.92 |
| SP314P0  | X9585          | ---                    | 0           | Ball Bearing | 80                      | ---        |
| SP314P1  | X9585A         | SP314P102              | 1           | Bronze       | 100                     | \$4,090.27 |
| SP314P1  | X9585A         | ---                    | 1           | Ball Bearing | 100                     | ---        |
| SP314P0  | X9585A         | SP314P004              | 0           | Bronze       | 100                     | \$4,173.90 |
| SP314P0  | X9585A         | ---                    | 0           | Ball Bearing | 100                     | ---        |

In cases where an Engine flywheel housing is larger than the available PTO housing, an adapter ring can be used. (Adapter rings are LIST EXTRA ) - See G-1K pg. 5

All Drawing numbers and Bills of Material listed represent a standard unit which is typical of the series. It may or may not show optional features which would alter the unit price.

SP PTO's (cont.)

**Standard Power Take-Off Units**

( Includes Drive Ring, Pilot Bearing, and Hand Lever)

| Model    | Drawing Number | Bill of Material (BOM) | SAE Housing | Collar Type  | Pilot Bearing Size (mm) | List Price  |
|----------|----------------|------------------------|-------------|--------------|-------------------------|-------------|
| SP218OP0 | XA7190         | SP218P001              | 0           | Bronze       | 100                     | \$8,960.00  |
| SP218OP0 | XA7190         | ---                    | 0           | Ball Bearing | 100                     | ---         |
| SP218OP0 | XA7190A        | SP218P003              | 0           | Bronze       | 120                     | \$9,220.65  |
| SP218OP0 | XA7190A        | ---                    | 0           | Ball Bearing | 120                     | ---         |
| SP218OP0 | XA7190B        | SP218P004              | 0           | Bronze       | 80                      | \$9,220.65  |
| SP218OP0 | XA7190B        | ---                    | 0           | Ball Bearing | 80                      | ---         |
| SP318P0  | X9671          | SP318P002              | 0           | Bronze       | 120                     | \$10,546.90 |
| SP318P0  | X9671          | ---                    | 0           | Ball Bearing | 120                     | ---         |
| SP318P0  | X9671          | SP318P009              | 0           | Ball Bearing | 100                     | \$11,296.35 |
| SP321P00 | X9691A         | SP321P901              | 00          | Bronze       | 130                     | \$12,584.74 |

SL PTO's

**Standard Power Take-Off Units**

( Includes Drive Ring, Pilot Bearing, and Hand Lever)

| Model    | Drawing Number | Bill of Material (BOM) | SAE Housing | Collar Type | Pilot Bearing Size (mm) | List Price |
|----------|----------------|------------------------|-------------|-------------|-------------------------|------------|
| SL111HP4 | X9895          | SL111P401              | 4           | Bronze      | 72                      | \$2,865.29 |
| SL111HP3 | X9895          | ---                    | 3           | Bronze      | 72                      | ---        |
| SL111HP2 | X9895          | 32622                  | 2           | Bronze      | 72                      | \$3,006.15 |
| SL111HP1 | X9895          | 32621                  | 1           | Bronze      | 72                      | \$4,027.12 |
| SL111HP3 | X9961          | SL111P302              | 3           | Bronze      | 72                      | \$2,991.26 |
| SL111HP2 | X9961          | SL111P201              | 2           | Bronze      | 72                      | \$3,024.61 |
| SL111HP1 | X9961          | 32901                  | 1           | Bronze      | 72                      | \$3,051.83 |
| SL211HP3 | X9983A         | SL211P301              | 3           | Bronze      | 72                      | \$3,708.82 |
| SL211HP2 | X9983A         | SL211P201              | 2           | Bronze      | 72                      | \$3,738.46 |
| SL211HP1 | X9983A         | SL211P101              | 1           | Bronze      | 72                      | \$4,252.73 |
| SL214P1  | X9951          | SL214P101              | 1           | Bronze      | 80                      | \$5,027.84 |

In cases where an Engine flywheel housing is larger than the available PTO housing, an adapter ring can be used. (Adapter rings are LIST EXTRA) - See G-1K pg.5

All Drawing numbers and Bills of Material listed represent a standard unit which is typical of the series. It may or may not show optional features which would alter the unit price.

**Straddle Brg PTO's**

**Standard Power Take-Off Units**

( Includes Drive Ring and Hand Lever)

| Model    | Drawing Number | Bill of Material (BOM) | SAE Housing | Collar Type  | Pilot Bearing Size (mm) | List Price  |
|----------|----------------|------------------------|-------------|--------------|-------------------------|-------------|
| SP314SB1 | SP314S118      | SP314S118              | 1           | Ball Bearing | N/A                     | \$9,087.17  |
| SP314SB1 | SP314S119      | SP314S119              | 1           | Ball Bearing | N/A                     | \$9,087.17  |
| SP318SB0 | SP318S001      | SP318S001              | 0           | Ball Bearing | N/A                     | \$15,228.16 |
| SP318SB0 | SP318S004      | SP318S004              | 0           | Ball Bearing | N/A                     | \$16,220.60 |
| PO318SB0 | PO318S002      | PO318S002              | 0           | N/A          | N/A                     | \$18,658.53 |
| PO318SB0 | PO318S003      | PO318S003              | 0           | N/A          | N/A                     | \$19,563.58 |

**Inline PTO's**

**Standard Power Take-Off Units**

( Includes Drive Ring, Pilot Bearing, and Hand Lever)

| Model     | Drawing Number | Bill of Material (BOM) | SAE Housing | Collar Type  | Pilot Bearing Size (mm) | List Price  |
|-----------|----------------|------------------------|-------------|--------------|-------------------------|-------------|
| SP214IL1  | SP214P121      | SP214P121              | 1           | Ball Bearing | N/A                     | \$3,783.60  |
| SP314IL1  | SP314P108      | SP314P108              | 1           | Ball Bearing | N/A                     | \$5,055.09  |
| SP314IL1  | SP314P111      | SP314P111              | 1           | Ball Bearing | N/A                     | \$5,512.04  |
| SP318IL0  | SP318P007      | SP318P007              | 0           | Ball Bearing | N/A                     | \$10,050.19 |
| IB314IL1  | IB314P116      | IB314P116              | 1           | Bronze       | 100                     | \$7,173.07  |
| IB314IL1  | IB314P118      | IB314P118              | 1           | Bronze       | 80                      | \$7,173.07  |
| IB318IL0  | IB318P009      | IB318P009              | 0           | Bronze       | 120                     | \$13,962.31 |
| IB318IL0  | IB318P014      | IB318P014              | 0           | Bronze       | 100                     | \$13,628.73 |
| IB321IL00 | IB321P904      | IB321P904              | 00          | Bronze       | 130                     | \$17,729.91 |

In cases where an Engine flywheel housing is larger than the available PTO housing, an adapter ring can be used. (Adapter rings are LIST EXTRA) - See G-1K pg.5

All Drawing numbers and Bills of Material listed represent a standard unit which is typical of the series. It may or may not show optional features which would alter the unit price.

**IBF PTO's**

**Standard Power Take-Off Units**

( Includes Drive Ring, Pilot Bearing, and Hand Lever )

| Model                  | Drawing Number     | SAE Housing            | Collar Type | Pilot Bearing Size (mm) | List Price |                            |
|------------------------|--------------------|------------------------|-------------|-------------------------|------------|----------------------------|
| IBF214OP1<br>IBF214OP0 | X9745F<br>X9745F   | 35424<br>---           | 1<br>0      | Bronze<br>Bronze        | 80<br>80   | \$5,011.44<br>---          |
| IBF214OP1<br>IBF214OP0 | X9745E<br>X9745E   | IB214P105<br>35531     | 1<br>0      | Bronze<br>Bronze        | 100<br>100 | \$5,055.53<br>\$5,130.59   |
| IBF314OP1<br>IBF314OP0 | XA7149B<br>XA7149B | IB314P104<br>34644     | 1<br>0      | Bronze<br>Bronze        | 72<br>72   | \$6,749.03<br>\$6,800.24   |
| IBF314OP1<br>IBF314OP0 | XA7149A<br>XA7149A | IB314P105<br>34646     | 1<br>0      | Bronze<br>Bronze        | 80<br>80   | \$6,761.50<br>\$6,815.15   |
| IBF314OP1<br>IBF314OP0 | XA7149<br>XA7149   | IB314P110<br>IB314P001 | 1<br>0      | Bronze<br>Bronze        | 100<br>100 | \$6,359.66<br>\$6,865.08   |
| IBF318OP0<br>IBF318P0  | X9918<br>X9918F    | IB318P001<br>IB318P005 | 0<br>0      | Bronze<br>Bronze        | 120<br>120 | \$15,114.19<br>\$14,719.82 |
| IBF318OP0<br>IBF318P0  | X9918A<br>X9918G   | IB318P012<br>---       | 0<br>0      | Bronze<br>Bronze        | 100<br>100 | \$15,114.19<br>---         |
| IBF318OP0<br>IBF318P0  | X9918B<br>X9918H   | IB318P004<br>38612     | 0<br>0      | Bronze<br>Bronze        | 80<br>80   | \$15,916.63<br>\$16,290.54 |
| IBF321OP00             | X9919              | IB321P901              | 00          | Bronze                  | 130        | \$19,726.68                |

In cases where an Engine flywheel housing is larger than the available PTO housing, an adapter ring can be used.  
(Adapter rings are LIST EXTRA )

**Adapter Rings**

(Adapter Rings are dimensionally spaceless)

| From SAE Engine Hsg. Size | To SAE Clutch Hsg. Size | Part # | List \$\$  |
|---------------------------|-------------------------|--------|------------|
| 1                         | 2                       | 6880   | \$609.12   |
| 0                         | 1                       | 8407   | ---        |
| 1/2                       | 1                       | A7210  | \$2,163.86 |
| 00                        | 0                       | 6964   | \$2,396.14 |

All Drawing numbers and Bills of Material listed represent a standard unit which is typical of the series. It may or may not show optional features which would alter the unit price.

## Standard Clutches

(With Standard Taper Bores as used in Power Take-Offs)

| Model  | Drawing Number | Bill Of Material | Collar Type  | Hub and Backplate Taper Bore | Sliding Sleeve Bore | List Price | Other BOMS (ADD) |
|--------|----------------|------------------|--------------|------------------------------|---------------------|------------|------------------|
| C106   | XA5059         | CX106C001        | Bronze       | 1-3/8"                       | 1-3/8"              | \$326.43   | \$30.00          |
| C106   | XA5059A        | ---              | Ball Bearing | 1-3/8"                       | 1-3/8"              | ---        | ---              |
| C107   | XA5060         | CX107C001        | Bronze       | 1-3/8"                       | 1-3/8"              | \$344.17   | \$35.00          |
| C107   | XA5060A        | ---              | Ball Bearing | 1-3/8"                       | 1-3/8"              | ---        | ---              |
| C108   | XA5079         | CX108C001        | Bronze       | 1-3/4"                       | 1-3/4"              | \$351.27   | \$50.00          |
| C108   | XA5079B        | ---              | Ball Bearing | 1-3/4"                       | 1-3/4"              | ---        | ---              |
| C110   | X7876          | CX110C002        | Bronze       | 1-3/4"                       | 1-3/4"              | \$389.12   | \$70.00          |
| C110   | X7876A         | ---              | Ball Bearing | 1-3/4"                       | 1-3/4"              | ---        | ---              |
| C111   | X7875          | CX111C001        | Bronze       | 1-3/4"                       | 1-3/4"              | \$431.69   | \$80.00          |
| C111   | X7875A         | ---              | Ball Bearing | 1-3/4"                       | 1-3/4"              | ---        | ---              |
| SP111  | XA6527         | SP111C002        | Bronze       | 2"                           | 2"                  | \$431.69   | Contact TD       |
| SP111  | XA6527A        | SP111C010        | Ball Bearing | 2"                           | 2"                  | \$658.77   | Contact TD       |
| SP211  | X9688          | SP211C001        | Bronze       | 2-5/16"                      | 2-1/2"              | \$596.08   | Contact TD       |
| SP211  | X9688D         | SP211C006        | Ball Bearing | 2-5/16"                      | 2-1/2"              | \$760.49   | Contact TD       |
| SP311  | XA7569         | SP311C001        | Ball Bearing | 3-1/2"                       | 3-1/2"              | \$1,056.78 | Contact TD       |
| SP114  | X9644          | SP114C002        | Bronze       | 2-1/2"                       | 2-3/4"              | \$742.74   | Contact TD       |
| SP114  | X9644A         | SP114C006        | Ball Bearing | 2-1/2"                       | 2-3/4"              | \$1,129.49 | Contact TD       |
| SP214  | X9586          | SP214C003        | Bronze       | 2-1/2"                       | 3"                  | \$1,068.85 | Contact TD       |
| SP214  | X9586A         | SP214C014        | Ball Bearing | 2-1/2"                       | 3"                  | \$1,202.76 | Contact TD       |
| SP214  | X9586B         | SP214C001        | Bronze       | 3-1/2"                       | 3-1/2"              | \$1,025.41 | Contact TD       |
| SP214  | X9586C         | SP214C004        | Ball Bearing | 3-1/2"                       | 3-1/2"              | \$1,228.08 | Contact TD       |
| SP314  | X9590          | SP314C001        | Bronze       | 3-1/4"                       | 3-1/2"              | \$1,289.60 | Contact TD       |
| SP314  | X9590A         | SP314C002        | Ball Bearing | 3-1/4"                       | 3-1/2"              | \$1,469.36 | Contact TD       |
| SP218  | XA7197         | SP218C002        | Bronze       | 3-15/16"                     | 3-15/16"            | \$2,698.66 | Contact TD       |
| SP218  | XA7197A        | ---              | Ball Bearing | 3-15/16"                     | 3-15/16"            | ---        | Contact TD       |
| SP318  | X9674          | SP318C001        | Bronze       | 4-5/16"                      | 4-7/16"             | \$3,513.54 | Contact TD       |
| SP318  | X9674A         | SP318C003        | Ball Bearing | 4-5/16"                      | 4-7/16"             | \$5,006.45 | Contact TD       |
| SP321  | X9697          | SP321C001        | Bronze       | 4-3/4"                       | 4-3/4"              | \$4,663.83 | Contact TD       |
| IBF214 | X9756          | IB214C001        | Bronze       | 3-3/16"                      | 3-1/2"              | \$2,186.25 | Contact TD       |
| IBF314 | XA7160         | IB314C001        | Bronze       | 3-1/2"                       | 3-1/2"              | \$3,262.54 | Contact TD       |
| IBF318 | X9934          | IB318C001        | Bronze       | 4-3/4"                       | 4-3/4"              | \$7,501.57 | Contact TD       |
| IBF321 | X9935          | IB321C001        | Bronze       | 4-3/4"                       | 4-3/4"              | \$9,382.28 | Contact TD       |
| SL111  | X7937TAP       | SL111C001        | Bronze       | 1-3/4"                       | 1-3/4"              | \$1,051.01 | Contact TD       |
| SL211  | X8172E         | SL211C001        | Bronze       | 2-1/2"                       | 2-1/2"              | \$1,915.54 | Contact TD       |
| SL214  | X8180TP        | SL214C001        | Bronze       | 2-3/4"                       | 2-3/4"              | \$2,155.14 | Contact TD       |

Clutch Models listed are supplied with standard dimension bore with keyslot in hub and a straight bore in sliding sleeve.

IBF314, 318, and 321 clutches are supplied with sintered iron plates.

All drawing numbers, and Bills of Material indicated represent a standard unit which is typical of the series. It may or may not show optional features which would alter the unit price.

**Optional Accessories**  
(Standard Model C, SP, SL, and IBF Clutches)

| Model         | Driving Rings |           |              |            | Operating Yokes |           | Hand Levers |           |
|---------------|---------------|-----------|--------------|------------|-----------------|-----------|-------------|-----------|
|               | Cast Iron     |           | Nodular Iron |            | Part No.        | List \$\$ | Part No.    | List \$\$ |
|               | Part No.      | List \$\$ | Part No.     | List \$\$  |                 |           |             |           |
| <b>C106</b>   | 6939          | \$59.57   | N/A          | ---        | X1037           | \$58.47   | X3799E      | \$42.19   |
| <b>C107</b>   | 6661          | \$60.81   | N/A          | ---        | X1037           | \$58.47   | X3799E      | \$42.19   |
| <b>C108</b>   | 5805          | \$62.06   | 5805A        | ---        | X1037           | \$58.47   | X3799E      | \$42.19   |
| <b>C110</b>   | 6187A         | \$79.43   | 6187E        | \$270.57   | X1037           | \$58.47   | X3799E      | \$42.19   |
| <b>C111</b>   | 6625A         | \$100.53  | 6625D        | \$162.59   | X1037           | \$58.47   | X3799E      | \$42.19   |
| <b>SP111</b>  | 6625A         | \$100.53  | 6625D        | \$162.59   | X125A           | \$50.53   | X3799E      | \$42.19   |
| <b>SP211</b>  | 6931          | \$191.13  | 6931T        | \$229.61   | X3507           | \$50.53   | X3799E      | \$42.19   |
| <b>SP311</b>  | N/A           | ---       | 6625N        | \$359.93   | X5091           | \$65.69   | X7441T      | \$55.86   |
| <b>SP114</b>  | 5712          | \$181.21  | 5712B        | \$322.70   | X5091           | \$65.69   | X7441T      | \$55.86   |
| <b>SP214</b>  | 5713          | \$296.64  | 5713D        | \$451.78   | X5091           | \$65.69   | X7441T      | \$55.86   |
| <b>SP314</b>  | A6518         | \$366.14  | A6518A       | \$542.38   | X5091           | \$65.69   | X7441T      | \$55.86   |
| <b>SP218</b>  | N/A           | ---       | 6925E        | \$592.39   | XA5486          | \$238.98  | X8215H      | \$140.25  |
| <b>SP318</b>  | N/A           | ---       | 6926E        | \$826.61   | XA5486          | \$238.98  | X8215H      | \$140.25  |
| <b>SP321</b>  | N/A           | ---       | 6875A        | \$1,658.17 | XA5486          | \$238.98  | X8377C      | \$300.36  |
| <b>IBF214</b> | N/A           | ---       | A6518C       | \$845.58   | XA4650          | \$105.78  | X7441T      | \$55.86   |
| <b>IBF314</b> | N/A           | ---       | B5835        | \$1,172.48 | XA4650          | \$105.78  | X7441T      | \$55.86   |
| <b>IBF318</b> | N/A           | ---       | B5352        | \$1,169.95 | XB5363A         | \$470.34  | X8377C      | \$300.36  |
| <b>IBF321</b> | N/A           | ---       | 9917         | \$1,749.27 | XB5363A         | \$470.34  | X8377C      | \$300.36  |
| <b>SL111</b>  | 6625A         | \$100.53  | 6625D        | \$162.59   | X125B           | \$104.29  | X7441T      | \$55.86   |
| <b>SL211</b>  | 6931          | \$191.13  | 6931T        | \$229.61   | X3507           | \$50.53   | X7441T      | \$55.86   |
| <b>SL214</b>  | 5713          | \$296.64  | 5713D        | \$451.78   | XB5458          | \$266.69  | X8215B      | \$92.60   |

Finger Springs are available for C106 thru C111 only.

All drawing numbers and Bills of Material indicated represent a standard unit which is typical of the series. It may or may not show optional features which would alter the unit price.

## Standard Pump Mount PTO's

( Includes Drive Ring, Pilot Bearing, and Hand Lever)

| Model    | Drawing Number | Bill of Material (BOM) | SAE Housing | Pilot Bearing Size (mm) | SAE Pad Size | SAE Spline Size | List Price |
|----------|----------------|------------------------|-------------|-------------------------|--------------|-----------------|------------|
| C110PM3  | X9903          | 36444                  | 3           | 72                      | C            | C               | \$2,690.16 |
| C111PM3  | X9903A         | 38707                  | 3           | 72                      | C            | D               | \$2,640.81 |
| SP211PM3 | X9984A         | 36385                  | 3           | 72                      | C            | C               | \$3,228.20 |
| SP211PM2 | X9984A         | 36325                  | 2           | 72                      | C            | C               | \$3,109.41 |
| SL211PM3 | XA7059A        | 36373                  | 3           | 72                      | C            | C               | \$3,327.34 |
| SL211PM2 | XA7059A        | 36327                  | 2           | 72                      | C            | C               | \$3,196.76 |

### Standard Pump Mount Adapters

| Part No. | Description                              | List \$\$ |
|----------|--|-----------|
| XB2403   | Housing Adapter Group Assembly. (2 Bolt) | ---       |
| XB2419   | Housing Adapter Group Assembly. (4 Bolt) | ---       |

In cases where an Engine flywheel housing is larger than the available PTO housing, an adapter ring can be used.  
 (Adapter rings are LIST EXTRA) - See G-1K pg.5

All drawing numbers and Bills of Material listed represent a standard unit which is typical of the series. It may or may not show optional features which would alter the unit price.

**Standard Model CL Clutches**  
(With Minimum Keyless Bores, Standard Keyways in Sleeves, and Molded Plates)

| Model | Drawing Number | Bill Of Material (BOM) | Plate Type | Collar Type  | Hub & Backplate Bore (nominal size - in.) | Sleeve Bore (nominal size - in.) | List Price | Other Bores (ADD) |
|-------|----------------|------------------------|------------|--------------|---|----------------------------------|------------|-------------------|
| CL105 | XA5742         | CL105C007              | split      | Bronze       | 1.000                                     | 1.000                            | \$1,062.16 | \$130             |
| CL105 | XA5742A        | CL105C013              | split      | Ball Bearing | 1.000                                     | 1.000                            | \$1,295.12 |                   |
| CL205 | XA5743         | CL205C001              | split      | Bronze       | 1.000                                     | 1.000                            | \$1,194.78 |                   |
| CL205 | XA5743A        | CL205C003              | split      | Ball Bearing | 1.000                                     | 1.000                            | \$1,299.74 |                   |
| CL106 | XA5744         | CL106C004              | split      | Bronze       | 1.000                                     | 1.000                            | \$1,065.62 | \$155             |
| CL106 | XA5744A        | 39897                  | split      | Ball Bearing | 1.000                                     | 1.000                            | \$1,155.57 |                   |
| CL206 | XA5745         | CL206C006              | split      | Bronze       | 1.000                                     | 1.000                            | \$1,146.35 |                   |
| CL206 | XA5745A        | CL206C007              | split      | Ball Bearing | 1.000                                     | 1.000                            | \$1,245.53 |                   |
| CL306 | XA6024         | CL306C002              | split      | Bronze       | 1.000                                     | 1.000                            | \$1,178.63 |                   |
| CL306 | XA6024A        | CL306C005              | split      | Ball Bearing | 1.000                                     | 1.000                            | \$1,447.90 |                   |
| CL108 | XA5747         | CL108C007              | split      | Bronze       | 1.375                                     | 1.375                            | \$762.82   | \$185             |
| CL108 | XA5747A        | CL108C006              | split      | Ball Bearing | 1.375                                     | 1.375                            | \$1,004.86 |                   |
| CL208 | XA5748         | CL208C011              | solid      | Bronze       | 1.500                                     | 1.500                            | \$914.40   |                   |
| CL208 | XA5748A        | CL208C004              | split      | Ball Bearing | 1.500                                     | 1.500                            | \$1,157.67 |                   |
| CL308 | XA5749         | CL308C009              | solid      | Bronze       | 1.500                                     | 1.500                            | \$1,040.32 |                   |
| CL308 | XA5749A        | CL308C010              | split      | Ball Bearing | 1.500                                     | 1.500                            | \$1,282.36 |                   |
| CL110 | XA5750         | CL110C004              | solid      | Bronze       | 1.375                                     | 1.375                            | \$902.18   | \$220             |
| CL110 | XA5750A        | CL110C005              | split      | Ball Bearing | 1.375                                     | 1.375                            | \$1,143.01 |                   |
| CL210 | XA5751         | CL210C005              | solid      | Bronze       | 1.500                                     | 1.500                            | \$1,074.54 |                   |
| CL210 | XA5751A        | 39895                  | split      | Ball Bearing | 1.500                                     | 1.500                            | \$1,317.81 |                   |
| CL310 | XA5752         | CL310C003              | split      | Bronze       | 1.750                                     | 1.750                            | \$1,248.13 |                   |
| CL310 | XA5752A        | CL310C006              | split      | Ball Bearing | 1.750                                     | 1.750                            | \$1,490.18 |                   |
| CL111 | XA5753         | CL111C005              | split      | Bronze       | 1.375                                     | 1.375                            | \$914.40   | \$250             |
| CL111 | XA5753A        | CL111C004              | solid      | Ball Bearing | 1.375                                     | 1.375                            | \$1,373.54 |                   |
| CL211 | XA5754         | CL211C007              | solid      | Bronze       | 1.500                                     | 1.500                            | \$1,102.66 |                   |
| CL211 | XA5754A        | CL211C011              | split      | Ball Bearing | 1.500                                     | 1.500                            | \$1,607.65 |                   |
| CL311 | XA5755         | CL311C005              | solid      | Bronze       | 1.750                                     | 1.750                            | \$1,317.81 |                   |
| CL311 | XA5755A        | CL311C004              | solid      | Ball Bearing | 1.750                                     | 1.750                            | \$1,752.97 |                   |

**Standard Keyways**

| Hub Bore Size   | Hub Keyway  | Cone Sleeve Keyway   |
|-----------------|-------------|----------------------|
| 1 - 1 1/8       | 1/4 x 1/8   | 1/4 x 5/64 for CL105 |
| 1 3/16 - 1 7/16 | 5/16 x 5/32 | thru CL306           |
| 1 1/2 - 1 11/16 | 3/8 x 3/16  | 1/4 x 9/64 for CL108 |
| 1 3/4 - 2 7/16  | 1/2 x 1/4   | thru CL311           |

Hub bores will be held to our standard tolerance of nominal size plus .000 minus .001; and cone sleeves will be held to nominal size plus .004 plus .006

Standardized keyway sizes have been established for all bores and are as listed above.

All drawing numbers, and Bills of Material indicated represent a standard unit which is typical of the series. It may or may not show optional features which would alter unit price.

**Available Bore Sizes**

| Model | Hub Bores                                   | Minimum Keyless Bore | Cone Sleeve Bores   |
|-------|---|----------------------|---|
| CL105 | 1, 1 1/4, 1 7/16                            | 1                    | 1, 1 1/8, 1 3/16, 1 1/4, 1 3/8, 1 7/16 in any combination with a standard hub bore. |
| CL205 | 1, 1 1/4, 1 7/16                            |                      |   |
| CL106 | 1, 1 1/8, 1 1/4, 1 5/16, 1 3/8, 1 7/16      |                      |   |
| CL206 | 1, 1 3/16, 1 1/4, 1 7/16                    |                      |   |
| CL306 | 1, 1 7/16                                   |                      |   |
| CL108 | 1 3/8, 1 7/16, 1 1/2, 1 9/16, 1 3/4, 2 7/16 |                      |   |
| CL208 | 1 1/2, 1 5/8, 1 15/16, 2 3/16, 2 7/16       | 1 1/2                |   |
| CL308 | 1 1/2, 2 3/16, 2 7/16                       | 1 1/2                |   |
| CL110 | 1 3/8, 1 15/16, 2                           | 1 3/8                |   |
| CL210 | 1 1/2, 1 3/4, 1 15/16                       | 1 1/2                |   |
| CL310 | 1 3/4, 2 1/4, 2 7/16                        | 1 3/4                |   |
| CL111 | 1 3/8, 1 5/8, 1 15/16, 2 7/16               | 1 3/8                |   |
| CL211 | 1 1/2, 1 15/16, 2 1/8, 2 7/16               | 1 1/2                |   |
| CL311 | 1 3/4, 2 1/8, 2 1/4, 2 7/16                 | 1 3/4                |   |

**Optional Accessories**  
 (Standard Model CL Clutches)

| Clutch Model           | Collar Type  | Yokes    |           | Hand Levers |           |          |           | Operating Shafts |                    |
|------------------------|--------------|----------|-----------|-------------|-----------|----------|-----------|------------------|--------------------|
|                        |              |          |           | Keyed       |           | Serrated |           |                  |                    |
|                        |              | Part No. | List \$\$ | Part No.    | List \$\$ | Part No. | List \$\$ | Part No.         | List \$\$          |
| CL105<br>thru<br>CL306 | Ball Bearing | X125A    | \$50.52   | X3039       | \$40.42   | X3799E   | \$42.20   | 1144E            | \$35.08            |
|                        | Bronze       | X1037    | \$58.47   | X3039       | \$40.42   | X3799E   | \$42.20   | 1144F<br>2757    | \$30.58<br>\$42.42 |
| CL108<br>thru<br>CL311 | Ball Bearing | XA3545   | \$77.38   | X3039       | \$40.42   | X3799E   | \$42.20   | 1144E            | \$35.08            |
|                        | Bronze       | X3507    | \$50.52   | X3039       | \$40.42   | X3799E   | \$42.20   | 1144E            | \$35.08            |

| Model | Driving Rings |           |              |           |
|-------|---------------|-----------|--------------|-----------|
|       | Cast Iron     |           | Nodular Iron |           |
|       | Part No.      | List \$\$ | Part No.     | List \$\$ |
| CL105 | 6938          | \$65.97   | N/A          | ---       |
| CL205 | A5789         | \$348.86  | N/A          | ---       |
| CL106 | 6939          | \$59.57   | N/A          | ---       |
| CL206 | 6719          | \$119.15  | N/A          | ---       |
| CL306 | 6722          | \$251.73  | N/A          | ---       |
| CL108 | 5805          | \$62.06   | N/A          | ---       |
| CL208 | 5796          | \$221.18  | N/A          | ---       |
| CL308 | 6724          | \$388.59  | N/A          | ---       |
| CL110 | 6187A         | \$79.43   | 6187E        | \$270.57  |
| CL210 | 6672          | \$283.20  | N/A          | ---       |
| CL310 | 5882          | \$566.07  | N/A          | ---       |
| CL111 | 6625A         | \$100.53  | 6625D        | \$162.59  |
| CL211 | 6931          | \$191.13  | 6931T        | \$229.61  |
| CL311 | 6532          | \$364.08  | N/A          | ---       |

All drawing numbers and Bills of Material indicated represent a standard unit which is typical of the series. It may or may not show optional features which would alter the unit price.

**Standard Model PO Air Clutches**  
( With Minimum Keyless Hub Bores, and Molded Plates)

| Model | Drawing Number | Bill Of Material (BOM) | Hub & Backplate Bore (nominal size) | List Price  | Other Bores (ADD) | Optional Accessories |              |
|-------|----------------|------------------------|-------------------------------------|-------------|-------------------|----------------------|--------------|
|       |                |                        |                                     |             |                   | Driving Rings        |              |
|       |                |                        |                                     |             |                   | Part No.             | List \$\$    |
| PO108 | X9720          | PO108C002              | 1.375                               | \$949.67    | \$200.00          | 5805                 | \$62.06      |
| PO208 | X9721          | PO208C002              | 1.375                               | \$1,044.40  |                   | 5796                 | \$221.18     |
| PO308 | X9722          | PO308C004              | 1.375                               | \$1,356.01  |                   | 6724                 | \$388.59     |
| PO110 | X9714          | PO110C001              | 1.375                               | \$1,241.87  | \$230.00          | 6187A                | \$79.43      |
| PO210 | X9715          | PO210C001              | 1.500                               | \$1,423.36  |                   | 6672                 | \$283.20     |
| PO310 | X9716          | PO310C001              | 1.375                               | \$1,627.67  |                   | 5882                 | \$566.08     |
| PO111 | X9709          | PO111C001              | 1.375                               | \$1,437.05  | \$260.00          | 6625A                | \$100.53     |
| PO211 | X9710          | PO211C003              | 1.375                               | \$1,559.18  |                   | 6931                 | \$191.14     |
| PO311 | X9711          | PO311C004              | 1.375                               | \$1,830.84  |                   | 6532                 | \$364.08     |
| PO114 | X9656          | PO114C009              | 2.000                               | \$2,969.98  | \$290.00          | 5712                 | \$181.21     |
| PO214 | X9657          | PO214C011              | 2.000                               | \$3,525.85  |                   | 5713                 | \$296.63     |
| PO314 | X9658          | PO314C011              | 2.000                               | \$4,339.68  |                   | A6117                | \$450.54     |
| PO118 | X9651          | PO118C002              | 3.000                               | \$5,179.78  | \$500.00          | 6924                 | ---          |
| PO218 | X9652          | PO218C002              | 3.000                               | \$5,966.22  |                   | 6925E                | \$592.38     |
| PO318 | X9653          | PO318C004              | 2.750                               | \$7,458.05  |                   | 6926E                | \$826.61     |
| PO124 | X9665          | PO124C003              | 3.500                               | \$7,956.57  | \$620.00          | 5673                 | \$1,201.92   |
| PO224 | X9632          | PO224C001              | 3.500                               | \$9,627.89  |                   | 5826X                | \$1,226.01   |
| PO324 | X9633          | PO324C002              | 3.750                               | \$12,339.92 |                   | 5831A                | CONTACT T.D. |
| PO230 | X9639          | PO230C002              | 4.000                               | \$19,086.61 | \$860.00          | 8459                 | CONTACT T.D. |
| PO330 | X9640          | PO330C001              | 4.500                               | \$21,154.03 |                   | 9321                 | CONTACT T.D. |
| PO236 | X9659          | PO236C002              | 4.500                               | \$36,483.52 | \$1,300.00        | 8490                 | \$10,337.62  |
| PO336 | X9660          | PO336C001              | 4.500                               | \$39,105.63 |                   | 9349A                | CONTACT T.D. |
| PO342 | X9740          | 27809                  | 8.250                               | \$79,511.48 | ---               | 9741                 | CONTACT T.D. |

**Standard Keyways**

| Clutch Model(s)  | Hub Bore           | Hub Keyway  |
|------------------|--------------------|-------------|
| PO 108, 208, 308 | 1-3/8 thru 1-3/4   | 3/8 x 3/16  |
| PO 110, 210, 310 | -----              | -----       |
| PO 111, 211, 311 | 1-3/16 thru 2-7/16 | 1/2 x 1/4   |
| PO 114, 214, 314 | any                | 7/8 x 7/16  |
| PO 118, 218, 318 | any                | 1 x 1/2     |
| PO 124, 224, 324 | any                | 1-1/4 x 5/8 |
| PO 230, 330      | any                | 1-1/2 x 3/4 |
| PO 236, 336, 342 | any                | 2 x 1       |

**Available Bore Sizes**

| Clutch Model(s)  | Hub Bores                     | Minimum Keyless Bore |
|------------------|-------------------------------|----------------------|
| PO108            | 1-3/8, 1-3/4, 2-7/16          | 1.375                |
| PO208            | 1-1/2, 1-15/16, 2-7/16        | 1.375                |
| PO308            | 1-3/4, 2-3/16, 2-7/16         | 1.375                |
| PO110            | 1-3/8, 2, 2-7/16              | 1.375                |
| PO210            | 1-1/2, 1-15/16, 2-7/16        | 1.375                |
| PO310            | 1-3/4, 2-7/16                 | 1.375                |
| PO111            | 1-3/8, 1-15/16, 2-7/16        | 1.375                |
| PO211            | 1-1/2, 1-15/16, 2-1/8, 2-7/16 | 1.375                |
| PO311            | 1-3/4, 2-1/4, 2-1/2, 2-7/16   | 1.375                |
| PO 114, 214, 314 | 2 to 3-1/2                    | 2.000                |
| PO 118, 218      | 2-3/8 to 4-1/2                | 3.000                |
| PO 318           | 2-3/8 to 4-1/2                | 2.750                |
| PO 124, 224      | 3-1/4 to 6                    | 3.500                |
| PO 324           | 3-1/4 to 6                    | 3.750                |
| PO 230           | 4 to 7                        | 4.000                |
| PO 330           | 4 to 7                        | 4.000                |
| PO 236, 336      | 6 to 7-1/4                    | 4.500                |
| PO 342           | 8-1/4 to 10                   | 8.250                |

**Accessories**

|                   | Part Number | List \$\$  |
|-------------------|-------------|------------|
| Air Unions        |             |            |
| 8" - 24" Clutches | M2301A      | \$116.36   |
| 30" or larger     | M2180A      | CONTACT TD |
| Muffler Kit       | XB2329      | CONTACT TD |

All drawing numbers, and Bills of Material indicated represent a standard unit which is typical of the series. It may or may not show optional features which would alter unit price.

Hub bores are as listed in the tables above. For models PO114 through PO342 hub bores are available in 1/8" increments up to the maximum indicated.

Hub bores will be held to the following tolerances:

To and including 4-1/2" plus .000 minus .001  
4-9/16" and larger. plus .000 minus .002

**Solid Rubber Block Spider Drives**  
 ( Includes Spider, Rubber Blocks, and Drive Ring)

| Model  | Drawing Number | Bill of Material (BOM) | Bore Size | Keyway     | Qty. Blocks | List Price | Driving Ring |           |
|--------|----------------|------------------------|-----------|------------|-------------|------------|--------------|-----------|
|        |                |                        |           |            |             |            | Part No.     | List \$\$ |
| RBD111 | XB5105         | 36423                  | 1.500     | None       | 20          | \$679.27   | A6816        | \$423.14  |
| RBD114 | XA6626         | 36435                  | 1.750     | None       | 28          | \$1,059.92 | A6130        | \$559.72  |
| RBD214 | XA4551N        | 37882                  | 2.750     | 5/8 x 5/16 | 52          | \$1,366.23 | A6802        | \$539.15  |

All Bills of Material listed contain Heavy Duty Blocks - P/N A3905E.

All Drawing numbers and Bills of Material listed represent a standard unit which is typical of the series. It may or may not show optional features which would alter the unit price.

**HPTO**

**Hydraulic Power Take-Off Units**

(Standard units are supplied with mechanical selector and remote heat exchanger.)

| Model                                    | Drawing Number | Input               | Weight     | List Price                              |
|--|----------------|---------------------|------------|---|
| HPTO 140<br>(with E3210 series coupling) | PX9885B        | SAE 1<br>2<br>3     | 135        | \$7,493.66<br>\$7,056.69<br>\$7,148.42  |
| HPTO 140                                 | PX9885B        | GWB 587.15 *        | 130        | \$6,902.53                              |
| HPTO 244<br>(with E4010 series coupling) | PX9450B        | SAE 0-14"<br>1<br>2 | 163<br>150 | \$10,469.47<br>\$8,961.31<br>\$8,961.31 |
| HPTO 244                                 | PX9450B        | GWB 587.20          | 130        | \$8,077.16                              |
| HPTO 366<br>(with E4810 series coupling) | PX9900         | SAE 0-14"<br>1      | 188        | \$13,652.18<br>\$12,776.40              |
| HPTO 366                                 | PX9900         | GWB 587.35          | 175        | \$12,175.25                             |

When ordering the following information is required:

**Engine rotation conventional right- or left-hand, HPTO mounting at front or rear of the engine.**

\* Variation from standard - supplied with electrical selector valve.

**Accessories & Options**  
(Factory Fitted)

| Model  | Drawing Number                |   | List Price  |
|--|-------------------------------|---|---|
| Electric selector valve<br>Internal brake system<br>Trailing pump - Electric<br><br>Trailing pump - Mechanic | PX9490A<br>PX9885B<br>PX10644 | 110V<br>24V<br>To Be Drawn                                    | \$91.73<br>\$519.79<br>\$1,503.88<br>\$1,503.88<br>\$1,660.03 |
| <b>HPTO 140</b><br>Centa Coupling<br>Remove Cooler   | <b>MG1959P</b>                | Recommended for Grinders/Crushers<br>Customer Supplied Option | \$825.55<br>(\$233.17)  |
| <b>HPTO 244</b><br>Centa Coupling<br>Remove Cooler   | <b>MG1959P</b>                | Recommended for Grinders/Crushers<br>Customer Supplied Option | \$536.94<br>(\$442.45)  |
| <b>HPTO 366</b><br>Centa Coupling<br>Remove Cooler   | <b>PM10685</b>                | Recommended for Grinders/Crushers<br>Customer Supplied Option | N/C<br>(\$524.92)   |

NOTE: PRODUCT GROUP DISCOUNT

**Twin Disc Pump Drive Adapter Kits**  
**By Technodrive**

| Model   | SAE Housing | Flywheel Size | Max Torque ft-lbs | List Price |
|---------|-------------|---------------|-------------------|------------|
| PR106K5 | 5           | 6.5           | 222               | \$167.12   |
| PR106K4 | 4           | 6.5           | 222               | \$170.73   |
| PR107K5 | 5           | 7.5           | 222               | \$170.73   |
| PR107K4 | 4           | 7.5           | 222               | \$170.73   |
| PR110K4 | 4           | 10            | 222               | \$183.03   |
| PR110K3 | 3           | 10            | 222               | \$193.15   |
| PR111K3 | 3           | 11.5          | 480               | \$247.44   |
| PR111K2 | 2           | 11.5          | 480               | \$321.22   |
| PR111K1 | 1           | 11.5          | 480               | \$398.63   |

All kits come complete with flywheel housing, flywheel adapter, pump drive adapter and mounting bolts (metric).

Kits shown above are for SAE standard engine mountings. Adapter kits for Hatz, Ruggerini, VM, Lombardini ,Duetz and others are available. Consult the factory for prices and availability.

Necessary information required for ordering: Engine flywheel housing size, flywheel size and either the pump manufacturer with number or the SAE mounting specifications (ie: SAE "B"-4 Bolt with "B" spline)

## Twin Disc Pump Drives

| Model           | Bell Housing | Clutch Size | Weight (lbs) | List Price |
|-----------------|--------------|-------------|--------------|------------|
| AM 216 B        | STUB         | N/A         | 79           | \$1,040.34 |
|                 | 3            | NOT INCL.   |              | \$1,151.04 |
|                 | 4            | NOT INCL.   |              | \$1,136.56 |
| AM 216 BD 130   | 3-4          | 1-10"       | 168          | \$1,768.86 |
| AM 216 BD 145   | 3            | 1-11"       | 176          | \$1,768.86 |
| AM 216 BDS 130  | IND. MT.     | 1-10"       | 236          | \$2,228.26 |
| AM 216 BDS 145  | IND. MT.     | 1-11"       | 245          | \$2,228.26 |
| AM 320 B        | STUB         | N/A         | 93           | \$1,349.98 |
|                 | 3            | NOT INCL.   |              | \$1,460.67 |
|                 | 4            | NOT INCL.   |              | \$1,446.20 |
| AM 320 BD 130   | 3-4          | 1-10"       | 182          | \$2,068.37 |
| AM 320 BD 145   | 3            | 1-11"       | 190          | \$2,068.37 |
| AM 320 BDS 130  | IND. MT.     | 1-10"       | 250          | \$2,534.29 |
| AM 320 BDS 145  | IND. MT.     | 1-11"       | 255          | \$2,534.29 |
| AM 220 B        | STUB         | N/A         | 154          | \$1,704.47 |
|                 | 1            | NOT INCL.   |              | \$1,935.26 |
|                 | 2            | NOT INCL.   |              | \$1,860.02 |
|                 | 3            | NOT INCL.   |              | \$1,815.16 |
|                 | 4            | NOT INCL.   |              | \$1,800.69 |
| AM 220 BD 130   | 3-4          | 1-10"       | 243          | \$2,689.83 |
| AM 220 BD 145   | 3            | 1-11"       | 251          | \$2,689.83 |
| AM 220 BD 290   | 1-2-3        | 2-11"       | 300          | \$2,833.79 |
| AM 220 BDS 130  | IND. MT.     | 1-10"       | 311          | \$3,223.03 |
| AM 220 BDS 145  | IND. MT.     | 1-11"       | 320          | \$3,223.03 |
| AM 220 BDS 290  | IND. MT.     | 2-11"       | 359          | \$3,455.26 |
| AM 330 B        | STUB         | N/A         | 287          | \$2,140.00 |
|                 | 1            | NOT INCL.   |              | \$2,370.78 |
|                 | 2            | NOT INCL.   |              | \$2,295.55 |
|                 | 3            | NOT INCL.   |              | \$2,250.69 |
|                 | 4            | NOT INCL.   |              | \$2,236.22 |
| AM 330 BD 130   | 3-4          | 1-10"       | 315          | \$3,066.02 |
| AM 330 BD 145   | 3            | 1-11"       | 324          | \$3,066.02 |
| AM 330 BD 290   | 1-2-3        | 2-11"       | 373          | \$3,197.70 |
| AM 330 BDS 130  | IND. MT.     | 1-10"       | 384          | \$3,641.90 |
| AM 330 BDS 145  | IND. MT.     | 1-11"       | 392          | \$3,641.90 |
| AM 330 BDS 290  | IND. MT.     | 2-11"       | 432          | \$3,819.87 |
| AM 230 B        | STUB         | N/A         | 287          | \$2,237.66 |
|                 | 1            | NOT INCL.   |              | \$2,587.10 |
|                 | 2            | NOT INCL.   |              | \$2,393.21 |
|                 | 3            | NOT INCL.   |              | \$2,348.36 |
| AM 230 BD 290   | 1-2-3        | 2-11"       | 315          | \$3,536.28 |
| AM 230 BD 2200  | 1            | 2-14"       | 324          | \$4,521.64 |
| AM 230 BD 3300  | 1            | 3-14"       | 373          | \$4,868.89 |
| AM 230 BDS 290  | IND. MT.     | 2-11"       | 384          | \$4,175.10 |
| AM 230 BDS 2200 | IND. MT.     | 2-14"       | 392          | \$6,750.62 |

## Twin Disc Pump Drives

| Model           | Bell Housing | Clutch Size | Weight (lbs) | List Price |
|-----------------|--------------|-------------|--------------|------------|
| AM 232 B        | STUB         | N/A         | 278          | \$2,689.83 |
|                 | 1            | NOT INCL.   |              | \$3,039.26 |
|                 | 2            | NOT INCL.   |              | \$2,845.38 |
|                 | 3            | NOT INCL.   |              | \$2,800.52 |
| AM 232 BD 290   | 1-2-3        | 2-11"       | 423          | \$3,903.80 |
| AM 232 BD 2200  | 1            | 2-14"       | 571          | \$4,942.69 |
| AM 232 BD 3300  | 1            | 3-14"       | 667          | \$5,287.77 |
| AM 232 BDS 290  | IND. MT.     | 2-11"       | 483          | \$4,538.27 |
| AM 232 BDS 2200 | IND. MT.     | 2-14"       | 814          | \$7,301.17 |
| AM 232 BDS 3300 | IND. MT.     | 3-14"       |              | \$7,735.97 |

|                 |          |           |     |            |
|-----------------|----------|-----------|-----|------------|
| AM 345 B        | STUB     | N/A       | 269 | \$2,842.49 |
|                 | 1        | NOT INCL. |     | \$3,191.91 |
|                 | 2        | NOT INCL. |     | \$2,998.02 |
|                 | 3        | NOT INCL. |     | \$2,953.17 |
| AM 345 BD 290   | 1-2-3    | 2-11"     | 414 | \$4,132.40 |
| AM 345 BD 2200  | 1        | 2-14"     | 562 | \$5,038.19 |
| AM 345 BD 3300  | 1        | 3-14"     | 657 | \$5,473.71 |
| AM 345 BDS 290  | IND. MT. | 2-11"     | 474 | \$4,840.68 |
| AM 345 BDS 2200 | IND. MT. | 2-14"     | 805 | \$7,460.33 |
| AM 345 BDS 3300 | IND. MT. | 3-14"     |     | \$7,904.54 |

|        |      |           |     |            |
|--------|------|-----------|-----|------------|
| AM 365 | STUB | N/A       | 215 | \$4,907.25 |
|        | 1    | NOT INCL. | 260 | \$5,256.68 |

|        |      |           |     |            |
|--------|------|-----------|-----|------------|
| AM 480 | STUB | N/A       | 350 | \$9,593.10 |
|        | 1    | NOT INCL. | 395 | \$9,942.53 |

|                 |          |           |     |            |
|-----------------|----------|-----------|-----|------------|
| AM 450 B        | STUB     | N/A       | 452 | \$4,575.16 |
|                 | 1        | NOT INCL. |     | \$4,924.60 |
|                 | 2        | NOT INCL. |     | \$4,730.71 |
|                 | 3        | NOT INCL. |     | \$4,685.86 |
| AM 450 BD 290   | 1-2-3    | 2-11"     | 597 | \$5,870.16 |
| AM 450 BD 2200  | 1        | 2-14"     | 745 | \$6,750.62 |
| AM 450 BD 3300  | 1        | 3-14"     | 840 | \$7,194.82 |
| AM 450 BDS 290  | IND. MT. | 2-11"     | 657 | \$6,597.24 |
| AM 450 BDS 2200 | IND. MT. | 2-14"     | 988 | \$9,148.89 |
| AM 450 BDS 3300 | IND. MT. | 3-14"     |     | \$9,593.10 |

|       |      |     |     |            |
|-------|------|-----|-----|------------|
| AM640 | STUB | N/A | 400 | \$9,445.50 |
|-------|------|-----|-----|------------|

### OPTIONS

#### INPUT CONNECTIONS

|                |     |            |
|----------------|-----|------------|
| RIGID COUPLING | 8"  | \$110.69   |
|                | 10" | \$123.70   |
|                | 11" | \$196.06   |
|                | 14" | \$249.60   |
| "RBD" COUPLING | 8"  | \$164.94   |
|                | 10" | \$195.33   |
|                | 11" | \$242.36   |
|                | 14" | \$1,043.23 |

## Twin Disc Pump Drives

| COOLING PACKAGE   |  |  |          |
|-------------------|--|--|----------|
| HEAT EXCHANGER    |  |  | \$461.57 |
| CIRCULATING PUMP` |  |  | \$182.32 |

| ADAPTER KITS FOR AM216 - AM320 - AM220 - AM330 |  |  |          |
|--|--|--|----------|
| SAE "A"  |  |  | \$94.05  |
| SAE "B"  |  |  | \$94.05  |
| SAE "C"  |  |  | \$94.05  |
| SAE "D" - 2 Bolt, SAE C Spline                 |  |  | \$137.46 |
| SAE "D" - 4 Bolt, SAE D Spline                 |  |  | \$288.67 |

| ADAPTER KITS FOR AM230 - AM232 - AM345 - AM450 |  |  |          |
|--|--|--|----------|
| SAE "A"  |  |  | \$108.52 |
| SAE "B"  |  |  | \$108.52 |
| SAE "C"  |  |  | \$108.52 |
| SAE "C" - 2/4 Bolt, SAE CC Spline              |  |  | \$136.01 |
| SAE "D" - 2 Bolt, SAE D Spline                 |  |  | \$136.01 |
| SAE "D" - 4 Bolt, SAE D Spline                 |  |  | \$172.18 |
| SAE "E" - 4 Bolt, SAE D Spline                 |  |  | \$205.46 |

| OUTPUT STUB SHAFT KITS FOR AM220 - AM330 |  |  |          |
|--|--|--|----------|
| Stub Shaft (Metric)                      |  |  | \$309.64 |
| Stub Shaft (US)                          |  |  | \$350.20 |

| OUTPUT STUB SHAFT KITS FOR AM230 - AM345 |  |  |          |
|--|--|--|----------|
| Stub Shaft (Metric)                      |  |  | \$332.07 |
| Stub shaft (US)                          |  |  | \$385.22 |

Other pump mount adapters available, consult the factory with configuration specifications.

**ORDERING INFORMATION (Examples):**

**EXAMPLE #1**

|                         |                 |       |                   |
|-------------------------|-----------------|-------|-------------------|
| Pump Drive              | AM345BD290      |       | \$4,132.40        |
| SAE Hsg                 | #3              | Incl. |                   |
| Input Connection        | 2-11"           | Incl. |                   |
| Top Pump Pad            | SAE "C" - 2 blt |       | \$108.52          |
| L. Left Pump Pad        | SAE "D" - 4 blt |       | \$172.18          |
| L. Right Pump Pad       | Stub Shaft (US) |       | \$385.22          |
| Cooling (If Req'd)      |                 | N/R   |                   |
| <b>Total List Price</b> |                 |       | <b>\$4,798.32</b> |

**EXAMPLE #2**

|                         |                 |       |                   |
|-------------------------|-----------------|-------|-------------------|
| Pump Drive              | AM220B - #2     |       | \$1,860.02        |
| SAE Hsg                 |                 | Incl. |                   |
| Input Connection        | RBD - 11"       |       | \$242.36          |
| Top Pump Pad            |                 |       | N/A               |
| L. Left Pump Pad        | SAE "C" - 4blt  |       | \$94.05           |
| L. Right Pump Pad       | SAE "B" - 2 blt |       | \$94.05           |
| Cooling (If Req'd)      |                 |       | \$461.57          |
| <b>Total List Price</b> |                 |       | <b>182.31928</b>  |
|                         |                 |       | <b>\$2,934.36</b> |

Specify the number of spline teeth on the pump for each pump pad.

Example: 13Teeth, 16/32 Pitch