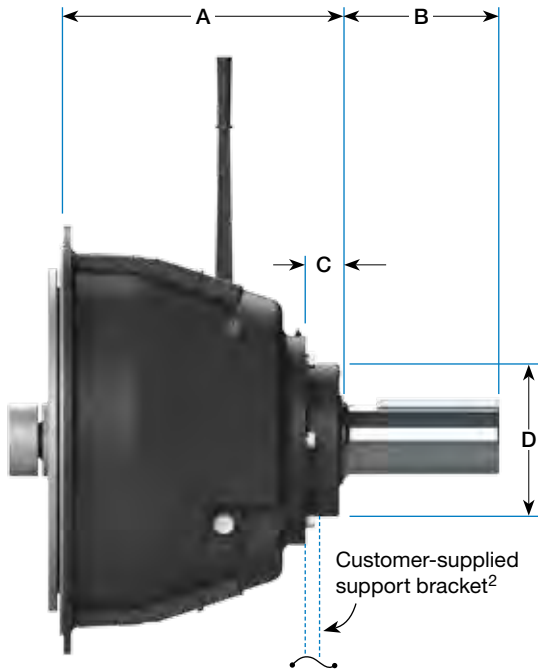


# Mechanical Power Take-off



The WPT® mechanical power take-off consists of a lever-actuated clutch with a shaft and bearings mounted in a rigid cast housing. The mechanical PTO is designed for inline and sload applications on all internal combustion engines with standard SAE industrial flywheel/flywheel housing dimensions.

- Sealed-for-life pilot bearings eliminate lubrication problems.
- Ball bearing throwout collars are optional on 10", 11 1/2", 14" and 18". Standard on the 311 PTO.
- All drive rings are ductile (nodular) iron or steel.

| Model                                  | SAE Housings | A                 | Output Shaft     |                   |                             | C               | D                 | Weight lb (kg) | # of Teeth |
|--|--------------|-------------------|------------------|-------------------|-----------------------------|-----------------|-------------------|----------------|------------|
|  |              |                   | B                | Dia               | Keyway                      |                 |                   |                |            |
| C106 <sup>1</sup><br>C107 <sup>1</sup> | 5, 4         | 7 1/8<br>(181.0)  | 3 1/2<br>(88.9)  | 1.438<br>(36.53)  | 3/8 x 3/16<br>(9.5 x 4.8)   | 2 1/8<br>(54.0) | 4 5/8<br>(117.5)  | 65<br>(30)     | 42         |
| C108                                   | 5, 4, 3      | 7 1/8<br>(181.0)  | 6<br>(152.4)     | 1.750<br>(44.45)  | 1/2 x 1/4<br>(12.7 x 6.4)   | 2 1/4<br>(57.2) | 5<br>(127.0)      | 82<br>(37)     | 51         |
| C110                                   | 4, 3         | 8 5/8<br>(219.1)  | 5 1/2<br>(139.7) | 2.250<br>(57.15)  | 5/8 x 5/16<br>(15.9 x 7.9)  | 3 3/4<br>(95.3) | 5 5/8<br>(142.9)  | 117<br>(53)    | 63         |
| SP111                                  | 3, 2, 1      | 9 1/4<br>(235.0)  | 6 1/2<br>(165.1) | 2.250<br>(57.15)  | 5/8 x 5/16<br>(15.9 x 7.9)  | 3 3/4<br>(95.3) | 5 3/4<br>(146.1)  | 143<br>(65)    | 72         |
| SP211                                  | 3, 2, 1      | 9 5/8<br>(244.5)  | 6 1/2<br>(165.1) | 2.500<br>(63.50)  | 5/8 x 5/16<br>(15.9 x 7.9)  | 3<br>(76.2)     | 6 1/4<br>(158.8)  | 157<br>(71)    | 72         |
| SP311 <sup>2</sup>                     | 3, 2         | 13 7/8<br>(352.4) | 10<br>(254.0)    | 3.500<br>(88.90)  | 7/8 x 7/16<br>(22.2 x 11.1) | 3 3/8<br>(85.7) | 7 1/2<br>(190.5)  | 233<br>(106)   | 72         |
| SP114                                  | 1            | 12 1/8<br>(308.0) | 8 1/2<br>(215.9) | 3.000<br>(76.20)  | 3/4 x 3/8<br>(19.1 x 9.5)   | 3 3/4<br>(95.3) | 6 5/8<br>(168.3)  | 263<br>(119)   | 59         |
| SP214 <sup>2</sup>                     | 1, 0         | 13 3/4<br>(349.3) | 10<br>(254.0)    | 3.500<br>(88.90)  | 7/8 x 7/16<br>(22.2 x 11.1) | 3 3/8<br>(85.7) | 7 1/2<br>(190.5)  | 332<br>(151)   | 59         |
| SP314 <sup>2</sup>                     | 1, 0         | 14 1/2<br>(368.3) | 10<br>(254.0)    | 3.938<br>(100.01) | 1 x 1/2<br>(25.4 x 12.7)    | 3 3/8<br>(85.7) | 7 1/2<br>(190.5)  | 413<br>(187)   | 59         |
| IBF314 <sup>2</sup>                    | 1, 0         | 16 3/4<br>(425.5) | 10<br>(254.0)    | 3.938<br>(100.01) | 1 x 1/2<br>(25.4 x 12.7)    | 3 5/8<br>(92.1) | 12 1/2<br>(317.5) | 595<br>(270)   | 59         |
| SP318 <sup>2</sup>                     | 0            | 18 1/4<br>(463.6) | 10<br>(254.0)    | 4.500<br>(114.30) | 1 x 1/2<br>(25.4 x 12.7)    | 2 5/8<br>(66.7) | 10<br>(254.0)     | 897<br>(407)   | 75         |

<sup>1</sup> Double main bearings

<sup>2</sup> Support plate for 311, 214, 314 is required for sload applications and recommended for inline applications. Support plate for 318 is required for both sload and inline applications.