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| \\ape-deb\Data\Website APE\2021\Key Product Catalog\IMO Pumps\IMO-logo 2020.jpg | **CIG Gear Pump – Single Pump Dimensions** |
| Pump Series | **CIG-2** | **CIG-3** | **CIG-4** | **CIG-5** | **CIG-6** | **CIG-8** |
| Frame Size | **2** | **3** | **4** | **5** | **6** | **8** |
| Pump Type | 21 | 22 | 23 | 31 | 32 | 33 | 41 | 42 | 43 | 51 | 52 | 53 | 61 | 62 | 63 | 81 | 82 | 83 |
| Dimensional Drawing | A | B | C | A | B | C | A | B | C | A | B | C | A | B**B** | **C** | A | B | C |
| Suction Port \*2SAE 4-Bolt (in.) | 1” | 1 ¼” | 1 ½ “ | 2” | 2 ½” | 3” |
| **Pressure** Port\*2SAE 4-Bolt (in.) | ½” | ¾” | 1” | 1 ¼” | 1 ½” | 2” |
| **PUMP BODY:** |
| **A** (in.) | 4.65 | 5.19 | 6.69 | 8.34 | 10.51 | 12.99 |
| **B** (SAE) | 3.937 | \*1 | 4.173 | 5.748 | 7.125 | 9.015 | 11.024 | \*1 |
| **C** (in.) | .355 | .433 | .551 | .709 | .866 | 1.024 |
| **I** (in.) | 1.735 | 1.968 | 2.677 | 3.622 | 3.622 | 4.606 |
| **K** (in.) | 2.994 | 3.462 | 4.409 | 5.670 | 6.024 | 7.560 |
| **L** (in.) | 6.50 | 7.88 | 7.72 | 9.49 | 9.49 | 11.69 | 11.81 | 14.57 | 13.54 | 17.08 | 16.77 | 21.34 |
| **M** (in.) | 0 | 2.08 | 3.47 | 0 | 2.48 | 4.25 | 0 | 2.99 | 5.12 | 0 | 3.62 | 6.38 | 0 | 4.33 | 7.87 | 0 | 5.55 | 10.07 |
| **N** (SAE)  | 2.4802.478 | \*1 | 3.2503.248 | (SAE A) | 4.0003.998 | (SAE B) | 5.0004998 | (SAEC) | 6.0005.998 | (SAE D) | 7.8747.872 | \*1 |
| **O** (in.) | .47 | .47 | .63 | .79 | .95 | 1.18 |
| **T** (in.) | 3.74 | 4.53 | 5.70 | 7.09 | 8.82 | 10.87 |
| **V** (in.) | .236 | .236 | .275 | .275 | .275 | .354 |
| **Z** (in.) | 1.97 | 2.36 | 2.95 | 3.66 | 4.53 | 5.55 |
| **SHAFT:** |
| **D** (in.) | .7874 | .9850 | 1.2598 | 1.5748 | 1.9585 | 2.5590 |
| ***D*** *(TOL)* | +.0035-.0016 | +.009-.004 | +.0035-.0016 | +.009-.004 | +.00043-.00020 | +.011-.005 | +.00043-.00020 | +.011-.005 | +.00043-.00020 | +.011-.005 | +.00047-.00027 | +.012-.007 |
| **E** (in.) | 1.417 | 1.653 | 2.283 | 3.228 | 3.228 | 4.134 |
| **F** (in.) | .236 | .315 | .394 | .472 | .551 | .708 |
| **G** (in.) | .886 | 1.102 | 1.376 | 1.693 | 2.106 | 2.716 |
| **WEIGHT:** |
| (lbs.) | 15 | 15 | 19 | 25 | 25 | 33 | 47 | 47 | 62 | 90 | 90 | 117 | 165 | 165 | 227 | 320 | 320 | 440 |

\*1 There is no SAE standard on this dimension for pump frame sizes 2 and 8

\*2 SAE 4-Bolt Port Pads have UNC (inch) bolt threads as follows: *Flange connections with bolts are available on request*

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| Port Size: | ½” | ¾” | 1” | 1 ¼” | 1 ½” |
| Bolt Threads: | 5/16”-18x1½” | 3/8”-18x1½” | 3/8”-16x1¾” | 7/16”-14x2” | ½ “-13x2¼” |
| Port Size: | 2” | 2 ½” | 3” | 3 ½” | 4” |
| Bolt Threads: | ½”-13x2½” | ½”-13x2 ¾”  | 5/8”-11x3” | 5/8”-11x2½”  | 5/8”-11x2¾” |

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| **Dimensional** **Drawing A****CIG X1** | **Dimensional** **Drawing B****CIG X2** | **Dimensional** **Drawing C****CIG X3** |
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