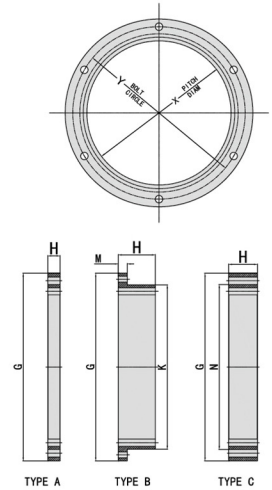
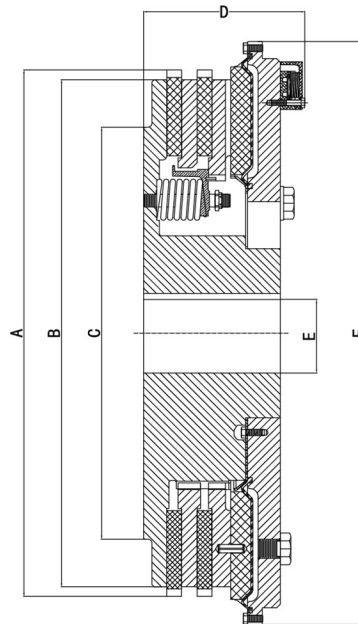
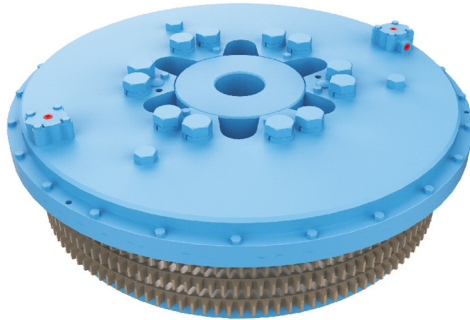


## PO Clutch



### Dimensions Data

| Model  | Application Duty Classification      |                           |               |               | Maximum Slip<br>Torque@130 PSI<br>Nm(lb -ft) | Maximum Safe Operating Speed |              | Air Volume to<br>Engage (fully worn)<br>cubic inches |
|--------|--------------------------------------|---------------------------|---------------|---------------|----------------------------------------------|------------------------------|--------------|------------------------------------------------------|
|        | Class I Work Torque<br>Nm ( lb -ft ) | Maximum rating –kw ( hp ) |               |               |                                              | Solid Plates                 | Split Plates |                                                      |
|        |                                      | Class II                  | Class III     | Class IV      |                                              |                              |              |                                                      |
| PO–108 | 526 (388)                            | 45(61)                    | 31(41)        | 23(31)        | 702(518)                                     | 3600                         | 3050.0       | 6.00                                                 |
| PO–208 | 1068 (788)                           | 92(123)                   | 61(82)        | 45(61)        | 1406(1037)                                   | 4200                         | 3650.0       | 11.00                                                |
| PO–308 | 1581 (1166)                          | 137(184)                  | 92(123)       | 69(92)        | 2108(1555)                                   | 4250                         | 3650.0       | 13.00                                                |
| PO–110 | 892 (658)                            | 72(96)                    | 48(64)        | 36(48)        | 1189(877)                                    | 3100                         | 2650.0       | 9.00                                                 |
| PO–210 | 1786 (1317)                          | 143(192)                  | 95(128)       | 72(96)        | 2381(1756)                                   | 3600                         | 2900.0       | 16.00                                                |
| PO–310 | 2678 (1975)                          | 215(288)                  | 143(192)      | 107(144)      | 3570(2633)                                   | 3650                         | 2950.0       | 19.00                                                |
| PO–111 | 1569 (1157)                          | 92(124)                   | 61(82)        | 206(62)       | 2092(1543)                                   | 2850                         | 2200.0       | 14.00                                                |
| PO–211 | 3137 (2314)                          | 184(247)                  | 123(165)      | 92(124)       | 4183(3085)                                   | 2850                         | 2200.0       | 25.00                                                |
| PO–311 | 4706 (3471)                          | 277(371)                  | 184(247)      | 139(186)      | 6275(4628)                                   | 3250                         | 2720.0       | 31.00                                                |
| PO–114 | 3813 (2812)                          | 140 ( 188 )               | 93 ( 125 )    | 70 ( 94 )     | 5084 ( 3750 )                                | 2400                         | 1950         | 34                                                   |
| PO–214 | 7626 (5625)                          | 280 ( 376 )               | 187 ( 251 )   | 140 ( 188 )   | 10169 ( 7500 )                               | 2500                         | 1950         | 66                                                   |
| PO–314 | 11439 (8437)                         | 421 ( 564 )               | 280 ( 376 )   | 210 ( 282 )   | 15253 ( 11250 )                              | 2500                         | 1920         | 71                                                   |
| PO–118 | 7575 (5587)                          | 232 ( 311 )               | 154 ( 207 )   | 116 ( 156 )   | 10101 ( 7450 )                               | 1800                         | 1550         | 56                                                   |
| PO–218 | 15151 (11175)                        | 464 ( 622 )               | 309 ( 415 )   | 232 ( 311 )   | 20202 ( 14900 )                              | 1950                         | 1550         | 105                                                  |
| PO–318 | 22726 (16762)                        | 696 ( 933 )               | 464 ( 622 )   | 348 ( 467 )   | 30303 ( 22350 )                              | 2050                         | 1550         | 157                                                  |
| PO–124 | 17592 (12975)                        | 412 ( 553 )               | 274 ( 368 )   | 206 ( 276 )   | 23456 ( 17300 )                              | 1400                         | 1150         | 115                                                  |
| PO–224 | 35183 (25950)                        | 825 ( 1106 )              | 550 ( 737 )   | 412 ( 553 )   | 46911 ( 34600 )                              | 1450                         | 1000         | 220                                                  |
| PO–324 | 52775 (38925)                        | 1237 ( 1659 )             | 825 ( 1106 )  | 618 ( 829 )   | 70367 ( 51900 )                              | 1450                         | 975          | 331                                                  |
| PO–230 | 66096 (48750)                        | 1289 ( 1728 )             | 859 ( 1152 )  | 644 ( 864 )   | 88128 ( 65000 )                              | 1100                         | 925          | 335                                                  |
| PO–330 | 99144 (73125)                        | 1933 ( 2592 )             | 1289 ( 1728 ) | 966 ( 1296 )  | 132192 ( 97500 )                             | 1100                         | 925          | 510                                                  |
| PO–236 | 113075 (83400)                       | 1855 ( 2488 )             | 1237 ( 1659 ) | 928 ( 1244 )  | 15185 ( 111200 )                             | 825                          | 600          | 510                                                  |
| PO–336 | 169613 (125100)                      | 2783 ( 3732 )             | 1855 ( 2488 ) | 1391 ( 1866 ) | 226150 ( 166800 )                            | 1100*                        | 850*         | 760                                                  |
| PO–342 | 280654 (207000)                      | 3788 ( 5080 )             | 2526 ( 3387 ) | 1894 ( 2540 ) | 374206 ( 276000 )                            | 1100*                        | 825*         | 1580                                                 |

## Driving Rings Dimensions Data

| Model  | Type Ring | G     | H    | K     | M    | N     | X     | Y     |
|--------|-----------|-------|------|-------|------|-------|-------|-------|
| PO-108 | A         | 10.38 | 0.63 | -     | -    | -     | 8.50  | 9.63  |
| PO-208 | B         | 11.25 | 1.44 | 9.25  | 0.38 |       |       | 10.25 |
| PO-308 | B         | 11.25 | 2.38 | 9.25  | 0.38 |       |       | 10.25 |
| PO-110 | A         | 12.38 | 0.88 | -     | -    | -     | 10.50 | 11.63 |
| PO-210 | B         | 13.25 | 1.88 | 11.38 | 0.38 |       |       | 12.50 |
| PO-310 | B         | 13.25 | 2.38 | 11.38 | 0.38 |       |       | 12.50 |
| PO-111 | A         | 13.88 | 0.88 | -     | -    | -     | 12.00 | 13.13 |
| PO-211 | A         | 13.88 | 1.88 | -     | -    |       |       | 13.13 |
| PO-311 | B         | 15.50 | 2.63 | 13.00 | 0.50 |       |       | 14.38 |
| PO-114 | B         | 18.38 | 1.13 | 16.00 | 0.50 | -     | 14.75 | 17.25 |
| PO-214 |           |       | 2.38 |       |      |       |       |       |
| PO-314 |           |       | 4.00 |       |      |       |       |       |
| PO-118 | A         | 22.50 | 1.13 | -     | -    | -     | 18.75 | 21.38 |
| PO-218 | B         |       | 3.06 | 20.00 | 0.63 |       |       |       |
| PO-318 | B         |       | 4.25 | 20.13 | 0.63 |       |       |       |
| PO-124 | A         | 28.88 | 1.50 | -     | -    | -     | 24.75 | 27.25 |
| PO-224 | B         |       | 3.50 | 25.88 | 0.75 |       |       |       |
| PO-324 | B         |       | 5.50 | 25.88 | 0.75 |       |       |       |
| PO-230 | C         | 34.75 | 4.50 | -     | 4.38 | 32.00 | 30.75 | 33.00 |
| PO-330 |           |       | 7.00 | -     | 6.88 |       |       |       |
| PO-236 | C         | 40.00 | 4.75 | -     | 4.63 | 37.50 | 36.75 | 38.50 |
| PO-336 |           |       | 7.50 | -     | 7.38 |       |       |       |
| PO-342 | C         | 46.75 | 7.50 | -     | 7.38 | 46.00 | 42.75 | 45.00 |

## Technical Parameter

| Model  | Weight kg(lbs) | A     | B     | C     | D     | E(max.)                 | F     |
|--------|----------------|-------|-------|-------|-------|-------------------------|-------|
| PO-108 | 15(32)         | 8.75  | 8.00  | 6.0   | 3.54  | <u>2.4375</u><br>2.4365 | 10.06 |
| PO-208 | 16(35)         |       |       |       | 4.39  |                         |       |
| PO-308 | 20(43)         |       |       |       | 5.24  |                         |       |
| PO-110 | 24(52)         | 10.75 | 10.00 | 6.3   | 3.89  | <u>2.4375</u><br>2.4365 | 11.69 |
| PO-210 | 28(62)         |       |       |       | 4.74  |                         |       |
| PO-310 | 33(72)         |       |       |       | 5.60  |                         |       |
| PO-111 | 32(70)         | 12.25 | 11.37 | 6.12  | 4.11  | <u>2.500</u><br>2.499   | 13.18 |
| PO-211 | 39(85)         |       |       |       | 5.09  |                         |       |
| PO-311 | 45(100)        |       |       |       | 6.07  |                         |       |
| PO-114 | 66(145)        | 15.15 | 14.00 | 10    | 4.39  | <u>3.500</u><br>3.499   | 18.50 |
| PO-214 | 84(185)        |       |       |       | 5.77  |                         |       |
| PO-314 | 100(220)       |       |       |       | 7.14  |                         |       |
| PO-118 | 118(260)       | 19.15 | 18.00 | 9.38  | 4.80  | <u>4.500</u><br>4.499   | 22.50 |
| PO-218 | 159(350)       |       |       |       | 6.42  |                         |       |
| PO-318 | 191(420)       |       |       |       | 8.05  |                         |       |
| PO-124 | 259(570)       | 25.15 | 24.00 | 17.75 | 5.93  | <u>6.000</u><br>5.998   | 28.88 |
| PO-224 | 299(660)       |       |       |       | 7.63  |                         |       |
| PO-324 | 399(880)       |       |       |       | 9.38  |                         |       |
| PO-230 | 508(1120)      | 31.15 | 30.00 | 20.75 | 8.49  | <u>7.000</u><br>6.997   | 34.50 |
| PO-330 | 590(1300)      |       |       |       | 10.39 |                         |       |
| PO-236 | 839(1850)      | 37.15 | 36.00 | 23.75 | 10.20 | <u>7.750</u><br>7.747   | 40.00 |
| PO-336 | 1089(2400)     |       |       |       | 12.70 |                         |       |
| PO-342 | 1760(3880)     | 43.15 | 42.00 | 34.00 | 13.50 | <u>10.000</u><br>9.997  | 46.75 |