



## ► Cam Unit - PCU-CS1-65-(05-20)

| Cam Dimensions |     |    |        |       |        |     |       |     |      |        |     |     |    |    |    |     |    | Cam Diagram |    |       |     |
|----------------|-----|----|--------|-------|--------|-----|-------|-----|------|--------|-----|-----|----|----|----|-----|----|-------------|----|-------|-----|
| W              | Θ   | S  | A      | E     | F      | G   | H     | H1  | U    | N      | a   | a1  | c  | c1 | g  | h   | h1 | M           | X  | Y     | α   |
| 65             | 05° | 45 | 150.55 | 47.90 | 112.10 | 160 | 121.7 | 125 | 12.5 | 175.55 | 145 | 100 | 80 | 50 | 30 | 100 | 60 | 85          | 45 | 67.9  | 55° |
|                |     | 70 | 195.38 | 46.83 | 123.17 | 170 | 158.1 | 145 | 25   | 220.38 | 180 |     | 65 |    | 40 | 125 |    | 83          | 70 | 105.7 |     |
|                | 10° | 45 | 154.95 | 51.24 | 108.76 | 160 | 129.1 | 115 | 20   | 179.95 | 145 |     | 79 |    | 30 | 100 |    | 89          | 45 | 60.6  | 50° |
|                |     | 70 | 199.27 | 59.06 | 110.94 | 170 | 138.9 | 145 | 25   | 224.27 | 180 |     | 65 |    | 40 | 125 |    | 85          | 70 | 94.3  |     |
|                | 15° | 45 | 158.18 | 64.91 | 105.09 |     | 133.7 | 115 | 25   | 183.18 | 145 |     | 80 |    | 30 | 100 |    | 91          | 45 | 55.1  | 45° |
|                |     | 70 | 201.64 | 66.56 | 103.44 |     | 161.5 | 125 | 40   | 226.64 | 180 | 110 | 65 | 55 | 40 | 125 | 70 | 88          | 70 | 85.7  |     |
|                | 20° | 45 | 160.20 | 68.81 | 101.19 |     | 138.9 | 105 | 30   | 185.20 | 145 | 100 | 80 | 50 | 30 | 100 | 60 | 93          | 45 | 50.8  | 40° |
|                |     | 70 | 202.48 | 74.21 | 95.79  |     | 154.6 | 120 | 40   | 227.48 | 180 | 110 | 65 | 55 | 40 | 125 | 70 | 87          | 70 | 79.1  |     |

| Spring Force                 |                          |                     |                                      |               |                       |                |    |     |                      |
|------------------------------|--------------------------|---------------------|--------------------------------------|---------------|-----------------------|----------------|----|-----|----------------------|
| Working force<br>KN(tonf)    |                          | Spring load N (kgf) |                                      |               | Total<br>weight<br>kg | Catalog<br>No. | W  | Θ   | Slide<br>Stroke<br>S |
| Standard<br>working<br>force | Max.<br>working<br>force | Preload             | 5 mm before<br>bottom dead<br>centre | Max. load.    |                       |                |    |     |                      |
| 19.6<br>(2.0)                | 39.2<br>(4.0)            | 176<br>(18.0)       | 680<br>(69.4)                        | 743<br>(75.8) | 20.0                  | PCU-CS1        | 65 | 05° | 45                   |
|                              |                          | 190<br>(19.4)       | 918<br>(93.7)                        | 974<br>(99.4) | 25.0                  |                |    |     | 70                   |
|                              |                          | 176<br>(18.0)       | 680<br>(69.4)                        | 743<br>(75.8) | 20.0                  |                |    | 10° | 45                   |
|                              |                          | 190<br>(19.4)       | 918<br>(93.7)                        | 974<br>(99.4) | 25.0                  |                |    |     | 70                   |
|                              |                          | 176<br>(18.0)       | 680<br>(69.4)                        | 743<br>(75.8) | 21.0                  |                |    | 15° | 45                   |
|                              |                          | 190<br>(19.4)       | 918<br>(93.7)                        | 974<br>(99.4) | 25.0                  |                |    |     | 70                   |
|                              |                          | 176<br>(18.0)       | 680<br>(69.4)                        | 743<br>(75.8) | 21.0                  |                |    | 20° | 45                   |
|                              |                          | 190<br>(19.4)       | 918<br>(93.7)                        | 974<br>(99.4) | 25.0                  |                |    |     | 70                   |

**Order Type - Code-Size(W)-Θ-Stroke(S)**

**Example - PCU-CS1-65-05-45**