OFV/DFV Series Specifications


Unit: mm

| Model No. | d | I | Da | Dimension |  |  |  |  |  |  |  |  |  |  | Load Rating |  | $\begin{gathered} \mathrm{K} \\ \mathrm{kgf} / \mu \mathrm{m} \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | D | A | B | L | W | H | X | Y | Z | Q | n | Ca (kgf) | Coa (kgf) |  |
| OFV01605-9.6 | 16 | 5 | 3.175 | 40 | 63 | 11 | 100 | 51 | 42 | 5.5 | 9.5 | 5.5 | M6 | $4.8 \times 2$ | 1614 | 3662 | 53 |
| OFV02005-9.6 | 20 | 5 | 3.175 | 44 | 67 | 11 | 102.5 | 55 | 52 | 5.5 | 9.5 | 5.5 | M6 | $4.8 \times 2$ | 1814 | 4650 | 63 |
| OFV02505-9.6 | 25 | 5 | 3.175 | 50 | 73 | 11 | 96 | 61 | 52 | 5.5 | 9.5 | 5.5 | M8 | $4.8 \times 2$ | 2017 | 5884 | 75 |
| OFV03205-9.6 | 32 | 5 | 3.175 | 58 | 85 | 12 | 98 | 71 | 64 | 6.6 | 11 | 6.5 | M8 | $4.8 \times 2$ | 2249 | 7612 | 90 |
| OFV03210-9.6 |  | 10 | 6.35 | 74 | 108 | 15 | 166 | 90 | 82 | 9 | 14 | 9 | M8 | $4.8 \times 2$ | 5620 | 14649 | 101 |
| OFV04005-9.6 | 40 | 5 | 3.175 | 67 | 101 | 15 | 100 | 83 | 72 | 9 | 14 | 8.5 | M8 | $4.8 \times 2$ | 2468 | 9586 | 105 |
| OFV04010-9.6 |  | 10 | 6.35 | 82 | 124 | 18 | 174 | 102 | 94 | 11 | 17.5 | 11 | M8 | $4.8 \times 2$ | 6316 | 18600 | 121 |
| OFV05010-9.6 | 50 | 10 | 6.35 | 93 | 135 | 16 | 167 | 113 | 98 | 11 | 17.5 | 11 | M8 | $4.8 \times 2$ | 7023 | 23537 | 144 |
| OFV06310-9.6 | 63 | 10 | 6.35 | 108 | 154 | 22 | 177 | 130 | 110 | 14 | 20 | 13 | M8 | $4.8 \times 2$ | 7860 | 30430 | 172 |
| OFV08010-9.6 | 80 | 10 | 6.35 | 130 | 176 | 22 | 178 | 152 | 132 | 14 | 20 | 13 | M8 | $4.8 \times 2$ | 8593 | 38344 | 201 |
| DFV01510-2.7 | 15 | 10 | 3.175 | 34 | 58 | 10 | 107 | 45 | 34 | 5.5 | 9.5 | 5.5 | M6 | 2. | 972 | 2020 | 30 |
| DFV01604-3.8 | 16 | 4 | 2.38 | 34 | 57 | 11 | 89 | 45 | 34 | 5.5 | 9.5 | 5.5 | M6 | 3.8 x | 931 | 2285 | 42 |
| DFV02004-4.8 | 20 | 4 | 2.38 | 40 | 60 | 10 | 94 | 50 | 40 | 4.5 | 8 | 4 | M6 | $4.8 \times$ | 1247 | 3584 | 61 |
| DFV02010-2.7 |  | 10 | 3.96 | 46 | 74 | 13 | 117 | 59 | 46 | 6.6 | 11 | 6.5 | M6 | 2. | 1518 | 3398 | 40 |
| DFV02506-4.8 | 25 | 6 | 3.969 | 53 | 76 | 11 | 116 | 64 | 58 | 5.5 | 9.5 | 5.5 | M6 | 4.8x | 2711 | 7268 | 78 |
| DFV02508-4.8 |  | 8 | 4.762 | 56 | 85 | 13 | 134 | 71 | 64 | 6.5 | 11 | 6.5 | M6 | $4.8 \times 1$ | 3466 | 8776 | 82 |
| DFV02510-2.7 |  | 10 | 6.35 | 68 | 102 | 15 | 130 | 84 | 82 | 9 | 14 | 8.5 | M8 | $2.7 \times$ | 3040 | 6547 | 49 |
| DFV03204-4.8 | 32 | 4 | 2.381 | 54 | 81 | 12 | 94 | 67 | 64 | 6.6 | 11 | 6.5 | M6 | $4.8 \times 1$ | 1517 | 5806 | 85 |
| DFV03206-4.8 |  | 6 | 3.969 | 62 | 89 | 12 | 114 | 75 | 68 | 6.6 | 11 | 6.5 | M8 | $4.8 \times 1$ | 3079 | 9575 | 95 |
| DFV03208-4.8 |  | 8 | 4.762 | 66 | 100 | 15 | 139 | 82 | 76 | 9 | 14 | 8.5 | M8 | $4.8 \times 1$ | 3962 | 11547 | 100 |
| DFV03220-2.7 |  | 20 | 6.35 | 74 | 108 | 16 | 200 | 90 | 82 | 9 | 14 | 8.5 | M8 | $2.7 \times 1$ | 3509 | 8644 | 61 |
| DFV04020-2.7 | 40 | 20 | 6.35 | 82 | 124 | 18 | 200 | 102 | 90 | 11 | 17.5 | 11 | M8 | 2.7x1 | 3935 | 10893 | 74 |
| DFV05005-4.8 | 50 | 5 | 3.175 | 80 | 114 | 15 | 115 | 96 | 82 | 9 | 14 | 8.5 | M8 | $4.8 \times 1$ | 2698 | 12053 | 122 |
| DFV05020-2.7 |  | 20 | 9.525 | 105 | 152 | 28 | 221 | 128 | 110 | 14 | 20 | 13 | M8 | $2.7 \times 1$ | 7336 | 19700 | 90 |
| DFV06320-2.7 | 63 | 20 | 9.525 | 122 | 180 | 28 | 220 | 150 | 130 | 18 | 26 | 17.5 | M8 | $2.7 \times 1$ | 8162 | 24741 | 107 |
| DFV08020-4.8 | 80 | 20 | 9.525 | 143 | 204 | 28 | 340 | 172 | 148 | 18 | 26 | 18 | M8 | $4.8 \times 1$ | 15103 | 57296 | 226 |
| DFV08020-7.6 |  | 20 | 9.525 | 143 | 204 | 28 | 460 | 172 | 148 | 18 | 26 | 18 | M8 | $3.8 \times 2$ | 22423 | 90719 | 351 |

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[^0]:    Note : For double ball screw nut order, please contact TBI MOTION in advance.

