All KCM stainless steel (SS) chains are made of SUS304 (18Cr-8Ni) austenite stainless steel for use in operating environment requiring high thermal resistance (-20 to 400°C), corrosion resistance, and cleanliness. They can also be fitted with attachments for conveying purpose.

NOTE: The KCM stainless steel roller chains have slight magnetic property as a result of cold manufacturing.

### JIS Roller Chains

| KCM Chain No. | Pitch P | Edith between Inner Plates W | Roller Dia. D | Pin Dia. d | A | B | (A+A) | (A+B) | L1 | L2 | Offset L | Transverse Pitch C | Max. Allowable Load kN (kgf) | Approx. Weight (kg/m) | Links of 1 unit |
|---------------|---------|-----------------------------|---------------|----------|----|----|--------|--------|-----|-----|---------|-------------------|---------------------|-----------------|----------------|---|
| KCM 25 SS    | 6.35    | 3.18                        | #3.30         | 2.31     | 3.82| 7.03| 8.02   | 14.05  | 15.05| 0.75| 5.8  | 6.4    | 0.12 (12)          | 0.21 (21)         | 0.14 (26)       | 480            |   |
| KCM 25 SS-2  |         |                             |               |          |    |    |        |        |      |      |        |                    |                    |                |                |                |   |
| KCM 35 SS    | 9.525   | 4.78                        | #5.08         | 3.59     | 5.77| 7.13| 11.55  | 12.90  | 13.85| 1.25| 8.8  | 10.1  | 0.26 (27)         | 0.45 (46)         | 0.33 (65)       | 320            |   |
| KCM 35 SS-2  |         |                             |               |          |    |    |        |        |      |      |        |                    |                    |                |                |                |   |
| KCM 40 SS    | 12.70   | 7.96                        | 7.92          | 3.97     | 6.07| 9.58| 15.15  | 17.65  | 19.05| 1.5  | 11.7 | 14.4  | 0.44 (45)         | 0.76 (77)         | 0.63 (120)      | 240            |   |
| KCM 40 SS-2  |         |                             |               |          |    |    |        |        |      |      |        |                    |                    |                |                |                |   |
| KCM 50 SS    | 15.875  | 9.53                        | 10.16         | 5.09     | 10.20| 11.60| 20.40  | 21.80  | 23.05| 2.0  | 14.6 | 18.1  | 0.65 (19)         | 1.17 (119)        | 1.94 (210)      | 192            |   |
| KCM 50 SS-2  |         |                             |               |          |    |    |        |        |      |      |        |                    |                    |                |                |                |   |
| KCM 60 SS    | 19.05   | 12.70                       | 11.91         | 5.96     | 12.70| 14.20| 25.40  | 26.90  | 29.55| 2.4  | 17.5 | 22.8  | 1.03 (105)        | 1.75 (179)        | 2.95 (370)      | 160            |   |
| KCM 60 SS-2  |         |                             |               |          |    |    |        |        |      |      |        |                    |                    |                |                |                |   |
| KCM 80 SS    | 25.40   | 15.88                       | 15.88         | 7.94     | 16.15| 19.25| 32.30  | 35.40  | 37.10| 3.2  | 23.0 | 29.3  | 1.77 (177)        | 3.00 (305)        | 2.62 (512)      | 120            |   |
| KCM 80 SS-2  |         |                             |               |          |    |    |        |        |      |      |        |                    |                    |                |                |                |   |
| KCM 100 SS   | 31.75   | 19.05                       | 19.05         | 9.54     | 20.20| 23.15| 40.40  | 43.35  | 44.05| 4.0  | 28.9 | 35.8  | 2.55 (260)        | 4.33 (442)        | 4.09 (96)       | 96             |   |
| KCM 100 SS-2 |         |                             |               |          |    |    |        |        |      |      |        |                    |                    |                |                |                |   |

NOTES: - Figures marked with asterisks * imply bush diameter.
- For the KCM 25SS, only two-pitch offset links are available.
- For dimensions of the attachments, refer to pages 36 to 37.
- Connecting links of KCM 80SS or larger models use split pins.

### ISO-B (European Type) Stainless Roller Chains

| KCM Chain No. | Pitch P | Edith between Inner Plates W | Roller Dia. D | Pin Dia. d | A | B | (A+A) | (A+B) | L1 | L2 | Offset L | Transverse Pitch C | Max. Allowable Load kN (kgf) | Approx. Weight (kg/m) | Links of 1 unit |
|---------------|---------|-----------------------------|---------------|----------|----|----|--------|--------|-----|-----|---------|-------------------|---------------------|-----------------|----------------|---|
| KCM 04 SS    | 6.00    | 2.80                        | 4.00          | 1.85     | 3.23| 4.12| 6.45   | 7.35   | 0.6  | 4.9  | 0.06 (6) | 0.11 (6)          | 0.18 (18)         | 634             |
| KCM 05B SS   | 8.00    | 3.00                        | 5.00          | 2.31     | 3.65| 4.83| 7.65   | 8.65   | 1.0  | 7.1  | 0.12 (12) | 0.21 (21)         | 0.34 (34)         | 626             |
| KCM 05B SS-2 |         |                             |               |          |    |    |        |        |      |      |        |                    |                    |                |                |                |   |
| KCM 06B SS   | 9.525   | 5.72                        | 6.35          | 3.28     | 6.10| 7.50| 12.20  | 13.60  | 13.95| 1.3  | 8.1  | 10.24 | 0.26 (27)         | 0.45 (46)         | 0.77 (77)       | 320            |
| KCM 06B SS-2 |         |                             |               |          |    |    |        |        |      |      |        |                    |                    |                |                |                |   |
| KCM 08B SS   | 12.70   | 7.75                        | 8.51          | 4.45     | 8.17| 9.58| 16.35  | 17.75  | 17.93| 1.5  | 11.7 | 13.92 | 0.44 (45)         | 0.76 (77)         | 1.25 (125)      | 240            |
| KCM 08B SS-2 |         |                             |               |          |    |    |        |        |      |      |        |                    |                    |                |                |                |   |
| KCM 10B SS   | 15.875  | 9.65                        | 10.16         | 5.08     | 9.58| 18.87| 33.75  | 37.20  | 38.55| 1.65| 14.6 | 16.59 | 1.17 (119)        | 1.94 (194)        | 1.94 (194)      | 192            |
| KCM 10B SS-2 |         |                             |               |          |    |    |        |        |      |      |        |                    |                    |                |                |                |   |
| KCM 12B SS   | 19.05   | 11.68                       | 12.07         | 5.72     | 11.05| 20.77| 41.55  | 43.05  | 43.75| 1.8  | 16.0 | 19.46 | 1.01 (106)        | 1.76 (179)        | 2.44 (244)      | 160            |
| KCM 12B SS-2 |         |                             |               |          |    |    |        |        |      |      |        |                    |                    |                |                |                |   |
| KCM 16B SS   | 25.40   | 17.02                       | 15.88         | 8.28     | 17.60| 20.70| 35.20  | 38.30  | 41.65| 4.0  | 19.7 | 31.88 | 1.77 (180)        | 3.00 (305)        | 5.19 (519)      | 120            |
| KCM 16B SS-2 |         |                             |               |          |    |    |        |        |      |      |        |                    |                    |                |                |                |   |

NOTES: - For the KCM 04SS and 05BSS, only two-pitch offset links are available.
- For dimensions of the attachments, refer to pages 36 to 37.
- Connecting links of KCM 04SS or larger models use split pins.