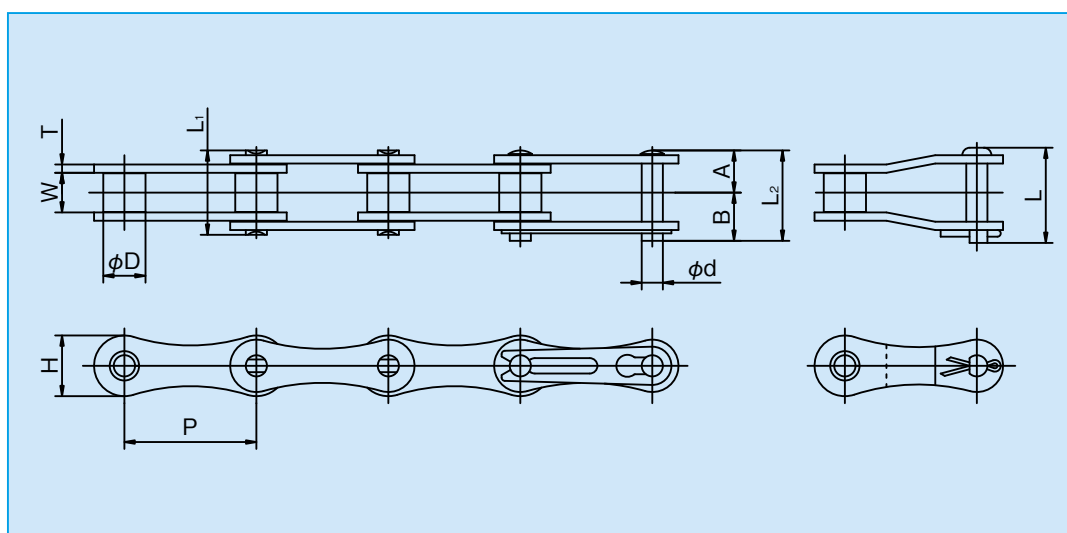


Double-pitch roller chain, whose pitch is doubled compared to standard roller chain, employs parts of standard roller chain except for link plate. Therefore, the length and strength are the same, but the number of parts is reduced to a half, reducing weight and improving economy. This roller chain is best suited for relative long power transmission at low speed.



○ Dimensions

[Unit: mm]

| KCM Chain No.    | Pitch P | Width between Inner Plates W | Roller Dia. D | Pin    |       |       |                         |                         |          | Link Plate  |          | Ave. Tensile Strength kN (kgf) | Max. Allowable Load kN (kgf) | Approx. Weight (kg/m) | Links of 1 unit |
|------------------|---------|------------------------------|---------------|--------|-------|-------|-------------------------|-------------------------|----------|-------------|----------|--------------------------------|------------------------------|-----------------------|-----------------|
|                  |         |                              |               | Dia. d | A     | B     | (A+A)<br>L <sub>1</sub> | (A+B)<br>L <sub>2</sub> | Offset L | Thickness T | Height H |                                |                              |                       |                 |
| <b>KCM A2040</b> | 25.40   | 7.95                         | 7.92          | 3.97   | 8.02  | 9.53  | 16.05                   | 17.55                   | 18.95    | 1.5         | 11.7     | 17.2 (1,750)                   | 2.65 ( 270)                  | 0.40                  | 120             |
| <b>KCM A2050</b> | 31.75   | 9.53                         | 10.16         | 5.09   | 10.15 | 11.60 | 20.30                   | 21.75                   | 23.00    | 2.0         | 14.6     | 27.9 (2,850)                   | 4.31 ( 440)                  | 0.65                  | 96              |
| <b>KCM A2060</b> | 38.10   | 12.70                        | 11.91         | 5.96   | 12.65 | 14.15 | 25.30                   | 26.80                   | 29.45    | 2.4         | 17.5     | 39.5 (4,000)                   | 6.28 ( 640)                  | 0.95                  | 80              |
| <b>KCM A2080</b> | 50.80   | 15.88                        | 15.88         | 7.94   | 16.07 | 19.18 | 32.15                   | 35.25                   | 36.90    | 3.2         | 23.0     | 68.6 (7,000)                   | 10.69 (1,090)                | 1.74                  | 60              |

NOTES: - Connecting link for the A2080 is split pin type.

- **Sprocket:** For chains with teeth No. 29T (with 14 1/2 working teeth) or smaller, use the exclusively designed sprockets for double-pitch roller chains. For chains with teeth No. 30T (with 15 working teeth) or larger, use KCM standard sprockets.