## ■ Base Chain Dimensions

| Size & Series | Pitch *P* | Width Between Inner Link Plates *W* | Roller Dia. *R* | Pin | | | Plate | | | Max. Allowable Load kN {kgf} | Approx. Mass kg/m | No. of Links per Unit |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Dia. *D* | *L*1 | *L*2 | Thickness *T* | Width *H* | Width *h* | | | |
| RS40-LMCX | 12.70 | 7.95 | 7.92 | 3.97 | 8.90 | 10.6 | 1.5 | 12.0 | 10.4 | 2.65{ 270} | 0.64 | 240 |
| RS50-LMCX | 15.875 | 9.53 | 10.16 | 5.09 | 11.0 | 12.7 | 2.0 | 15.0 | 13.0 | 4.31{ 440} | 1.04 | 192 |
| RS60-LMCX | 19.05 | 12.70 | 11.91 | 5.96 | 13.7 | 15.6 | 2.4 | 18.1 | 15.6 | 6.28{ 640} | 1.53 | 160 |
| RS80-LMCX | 25.40 | 15.88 | 15.88 | 7.94 | 17.1 | 20.1 | 3.2 | 24.1 | 20.8 | 10.7 {1090} | 2.69 | 120 |
| RS100-LMCX | 31.75 | 19.05 | 19.05 | 9.54 | 20.6 | 23.6 | 4.0 | 30.1 | 26.0 | 17.1 {1740} | 4.02 | 96 |

## ■ Attachment Dimensions

| Size & Series | Attachment | | | | | | | | Additional Weight per Attachment kg | |
|---|---|---|---|---|---|---|---|---|---|---|
| | *C* | *C*1 | *N* | *O* | *S* | *X* | *X*2 | *XS* | A, SA | K, SK |
| RS40-LMCX | 12.7 | 12.7 | 9.5 | 3.6 | 8.0 | 18.40 | 17.8 | 17.40 | 0.002 | 0.004 |
| RS50-LMCX | 15.9 | 15.9 | 12.7 | 5.2 | 10.3 | 24.10 | 23.4 | 23.05 | 0.003 | 0.006 |
| RS60-LMCX | 19.05 | 18.3 | 15.9 | 5.2 | 11.9 | 29.05 | 28.2 | 26.85 | 0.007 | 0.014 |
| RS80-LMCX | 25.4 | 24.6 | 19.1 | 6.8 | 15.9 | 37.5 | 36.6 | 35.45 | 0.013 | 0.026 |
| RS100-LMCX | 31.75 | 31.8 | 25.4 | 8.7 | 19.8 | 45.6 | 44.9 | 44.0 | 0.026 | 0.052 |

Note: 1. Due to the felt seals, chain pin length (*L*1, *L*2) is slightly longer than those on RS attachment or Lambda RS attachment chains. The attachments' *X* dimension is also larger than on attachments for RS attachment chain or Lambda RS attachment chain. Please check that this will not cause interference with machinery or other equipment.
2. Uses an oil-impregnated felt seal, causing more oil to stick to the surface of the chain when compared to Lambda chain.
3. Offset links are not available. Chains should be designed with an even number of links.
4. The above dimensions are nominal dimensions and may differ from actual dimensions.

### ◆ How to Assemble a Connecting Link

When assembling chain, use connecting links designed for X-Lambda chain (with felt seals). As shown in the diagram at the right, insert felt seals between the outer plates and connecting plates, and attach the link. The felt seals are impregnated with oil. Be careful to ensure that oil is not squeezed out.