



| Specifications | |
|--------------------------------------|--------------------|
| Pressure Angle | 20° |
| Material | C45 |
| Heat Treatment | - |
| Tooth Surface Treatment | Induction Hardened |
| Tooth Surface Finish | Ground |
| Precision Grade | GB 6+ |
| Ends Machined for Continuous Linking | |

| Racks # | Module | L | B | H | h | No. of Teeth | l | l1 | l2 | l3 | b1 | h1 | d1 | d2 | d3 | f | No. of Holes | $\pm f_{pt}$ (μm) | F_p (μm) | F_{p300} (μm) | Weight (kg) |
|------------|--------|---------|----|----|----|--------------|--------|--------|--------|-------|----|----|----|----|------|---|--------------|--------------------------|-------------------|------------------------|-------------|
| SR2-100GB | 2 | 1005.30 | 24 | 24 | 22 | 160 | 942.70 | 31.3 | 125.66 | 62.8 | 7 | 8 | 7 | 11 | 5.7 | 2 | 8 | 10 | 60 | 40 | 4.20 |
| SR3-100GB | 3 | 1017.90 | 29 | 29 | 26 | 108 | 949.10 | 34.4 | 127.23 | 63.6 | 9 | 9 | 10 | 15 | 7.7 | 2 | 8 | 10 | 60 | 40 | 6.00 |
| SR4-100GB | 4 | 1005.30 | 39 | 39 | 35 | 80 | 930.30 | 37.5 | 125.66 | 62.8 | 9 | 12 | 10 | 15 | 7.7 | 3 | 8 | 14 | 60 | 40 | 10.50 |
| SR5-100GB | 5 | 1005.30 | 49 | 39 | 34 | 64 | 945.00 | 30.1 | 125.66 | 62.8 | 13 | 12 | 14 | 20 | 11.7 | 3 | 8 | 14 | 60 | 40 | 13.40 |
| SR6-100GB | 6 | 1017.80 | 59 | 49 | 43 | 54 | 955.00 | 31.4 | 127.23 | 63.6 | 17 | 16 | 18 | 26 | 15.7 | 3 | 8 | 14 | 60 | 40 | 20.20 |
| SR8-100GB | 8 | 1005.30 | 79 | 79 | 71 | 40 | 952.00 | 26.6 | 125.66 | 62.8 | 21 | 25 | 22 | 33 | 19.7 | 3 | 8 | 16 | 60 | 40 | 44.76 |
| SR10-100GB | 10 | 1005.30 | 99 | 99 | 89 | 32 | 753.96 | 125.66 | 125.66 | 62.83 | 32 | 32 | 33 | 48 | 19.7 | 3 | 8 | 16 | 60 | 40 | 68.72 |

- Note: 1. $\pm f_{pt}$: Single pitch deviation.
 2. F_p : Total cumulative pitch deviation.
 3. F_{p300} : Total Pitch Error, i.e. The maximum permissible deviation (per 300mm) of measured length of the rack compared to the theoretical length L300.
 4. GB 6+ means the precision grade of racks are better than GB 6.