



Specifications	
Pressure Angle	20°
Hand of Helix	Right
Helix Angle	19°31'42"
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	L1	B	H	h	No. of Teeth	f	±f _{pt} (μm)	F _p (μm)	F _{p300} (μm)	Weight (kg)
SR2-020LGE	2	200.00	8.50	24	24	22	30	*				0.82
SR2-100RGE	2	1000.00	8.50	24	24	22	150	2	10	60	40	4.10
SR3-020LGE	3	200.00	10.30	29	29	26	20	*				1.18
SR3-100RGE	3	1000.00	10.30	29	29	26	100	2	10	60	40	5.90
SR4-020LGE	4	200.00	13.80	39	39	35	15	*				2.14
SR4-100RGE	4	1000.00	13.80	39	39	35	75	3	14	60	40	10.70
SR5-020LGE	5	200.00	17.40	49	39	34	12	*				2.60
SR5-100RGE	5	1000.00	17.40	49	39	34	60	3	14	60	40	13.00
SR6-020LGE	6	200.00	20.90	59	49	43	10	*				3.62
SR6-100RGE	6	1000.00	20.90	59	49	43	50	3	14	60	40	18.10
SR8-020LGE	8	213.33	28.00	79	79	71	8	*				8.50
SR8-100RGE	8	960.00	28.00	79	79	71	36	3	16	60	40	42.50
SR10-020LGE	10	233.33	28.02	79	79	69	7	*				13.74
SR10-100RGE	10	1000.00	35.11	99	99	89	30	3	16	60	40	68.72

- Note: 1. ±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.
 5. * means the joining gauge rack, left hand, used for the mounting of the right hand racks.