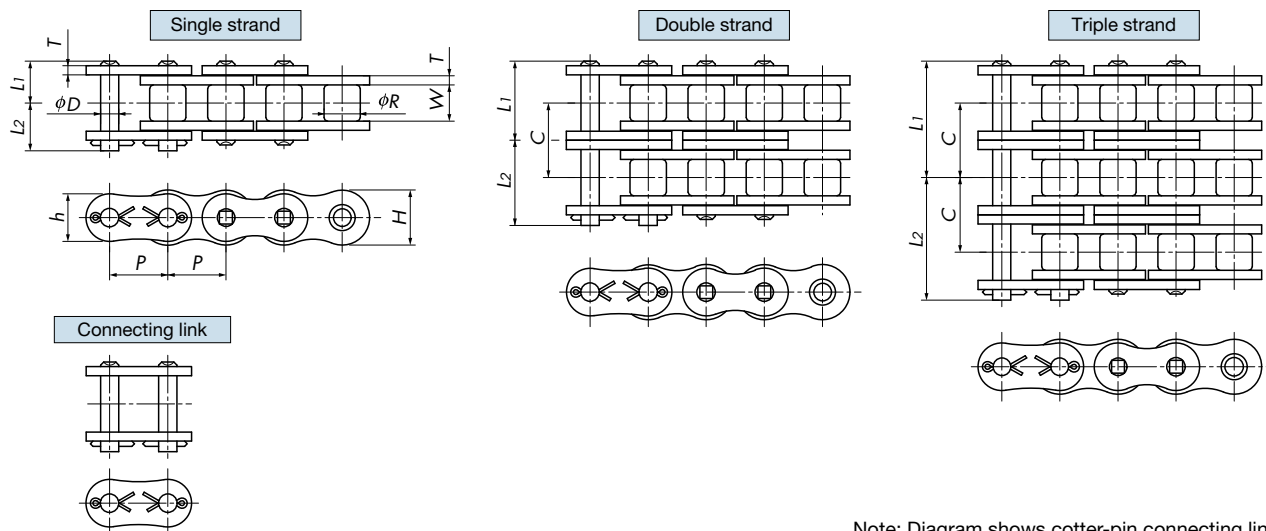


Heavy Duty Roller Chains RS-HT Chain



Specifications

Size & series	Number of strands	Pitch <i>P</i>	Roller dia. <i>R</i>	Inner width of inner link <i>W</i>	Thickness <i>T</i>	Plates		Dia. <i>D</i>	Pins		Transverse pitch <i>C</i>	Min. tensile strength kN{kgf}	Max. allowable load kN{kgf}	Approx. mass kg/m
						Height <i>H</i>	Height <i>h</i>		<i>L</i> ₁	<i>L</i> ₂				
RS60-HT	1	19.05	11.91	12.70	3.2	18.1	15.6	5.96	14.8	17.0	26.1	48.1 { 4900 }	9.81 { 1000 }	1.80
	2								27.8	29.9		96.1 { 9800 }	16.7 { 1700 }	3.59
	3								40.85	42.95		144 { 14700 }	24.5 { 2500 }	5.36
RS80-HT	1	25.40	15.88	15.88	4.0	24.1	20.8	7.94	18.3	20.9	32.6	81.4 { 8300 }	16.2 { 1650 }	3.11
	2								34.6	37.2		163 { 16600 }	27.6 { 2810 }	6.18
	3								50.95	53.55		244 { 24900 }	40.5 { 4130 }	9.24
RS100-HT	1	31.75	19.05	19.05	4.8	30.1	26.0	9.54	21.8	24.5	39.1	124 { 12600 }	24.5 { 2500 }	4.58
	2								41.4	44.1		247 { 25200 }	41.7 { 4250 }	9.03
	3								61.0	63.6		371 { 37800 }	61.3 { 6250 }	13.54
RS120-HT	1	38.10	22.23	25.40	5.6	36.2	31.2	11.11	26.95	30.55	48.9	167 { 17000 }	32.4 { 3300 }	6.53
	2								51.4	55.0		333 { 34000 }	55.0 { 5610 }	12.90
	3								75.9	79.4		500 { 51000 }	80.9 { 8250 }	19.33
RS140-HT	1	44.45	25.40	25.40	6.4	42.2	36.4	12.71	28.9	33.1	52.2	218 { 22200 }	42.7 { 4350 }	8.27
	2								55.0	59.5		435 { 44400 }	72.6 { 7400 }	16.38
	3								81.15	85.25		653 { 66600 }	107 { 10880 }	24.54
RS160-HT	1	50.80	28.58	31.75	7.15	48.2	41.6	14.29	33.95	38.45	61.9	278 { 28300 }	55.9 { 5700 }	10.97
	2								64.9	69.6		555 { 56600 }	95 { 9690 }	21.78
	3								95.95	100.45		833 { 84900 }	140 { 14250 }	32.63
RS200-HT	1	63.50	39.68	38.10	9.5	60.3	52.0	19.85	42.9	48.1	78.3	486 { 49600 }	78.5 { 8000 }	18.41
	2								82.05	87.3		973 { 99200 }	133 { 13600 }	36.47
	3								121.25	126.55		1460 { 148800 }	196 { 20000 }	54.77
RS240-HT	1	76.20	47.63	47.63	12.7	72.4	62.4	23.81	54.8	62.3	101.2	768 { 78300 }	113 { 11500 }	29.13
	2								105.3	112.9		1540 { 156600 }	192 { 19550 }	57.35
	3								156.05	163.55		2300 { 234900 }	282 { 28750 }	85.47

Note: No offset links available.

Model numbering example

RS120 -HT -1 -RP + 70L -MWJR

Size

Series

Pin type

Number of links

End link

Number of strands

Before Use

Standard Roller Chains

Lube-Free Roller Chains

Heavy Duty Roller Chains

Miniature

Corrosion Resistant Roller Chains

Specialty Roller Chains

Sprockets

Pin Gear Drives

Accessories

Handling