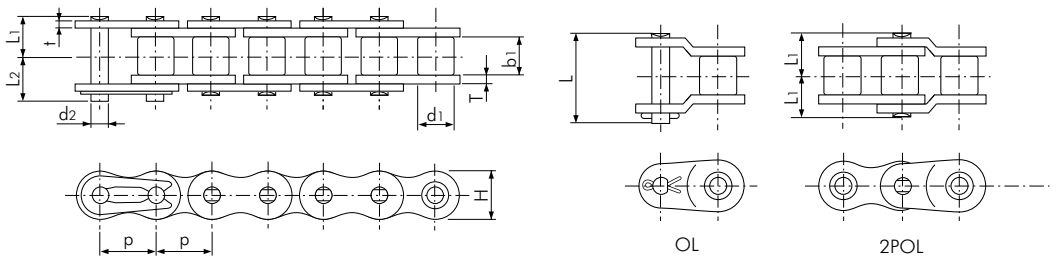
ANSI CHAIN FOR CORROSIVE ENVIRONMENTS



ANSI LAMBDA N.E.P. Chain

Dimensions in mm

TSUBAKI Chain No.	Pitch p		Roller Diameter d1	Inner Width b1	Pin				Link Plate			Min. Tensile Strength acc. to ANSI kN	Av. Tensile Strength acc. to Tsubaki kN	Approx. Mass kg/m
					Diameter d2	Length L1	Length L2	Length L	Thickness T	Thickness t	Height H (max)			
RS40-LMD-NEP-1	12.70	(1/2")	7.95	7.55	3.97	8.78	10.45	20.00	2.00	1.50	12.00	15.2	19.1	0.70
RS50-LMD-NEP-1	15.875	(5/8")	10.16	9.26	5.09	10.75	12.45	24.00	2.40	2.00	15.00	24.0	31.4	1.11
RS60-LMD-NEP-1	19.05	(3/4")	11.91	12.28	5.96	13.75	15.65	32.00	3.20	2.40	18.10	34.2	44.1	1.72
RS80-LMD-NEP-1	25.40	(1")	15.88	15.48	7.94	17.15	20.25	39.90	4.00	3.20	24.10	61.2	78.5	2.77
RS100-LMD-NEP-1	31.75	(1 1/4")	19.05	18.70	9.54	20.65	23.85	47.50	4.80	4.00	30.10	95.4	118.0	4.30
RS120-LMD-NEP-1	38.10	(1 1/2")	22.23	24.75	11.11	25.75	29.95	59.00	5.60	4.80	36.20	137.1	167.0	6.40
RS140-LMD-NEP-1	44.45	(1 3/4")	25.40	24.75	12.71	27.70	32.20	63.70	6.40	5.60	42.20	185.9	216.0	8.10

Note:

1. Connecting links are clip type for sizes RS40-LMD-NEP to RS60-LMD-NEP, and cotter type for sizes RS80-LMD-NEP to RS140-LMD-NEP.
2. Drive and Conveyor series LAMBDA chain cannot be intercoupled or interchanged.
3. Due to increased roller link plate thickness, Drive LAMBDA connecting links are required.
4. Due to increased roller link plate thickness, the pins are longer. Check for machine interference.
5. When a single pitch offset link is used, please calculate a 35% reduction in fatigue strength.