

PRODUCT INFORMATION

STEEL ROPE**dynasteel lift**

dynasteel lift double leg grommet

IWRC rope endless cable lay

Nominal Rope Diameter		Minimum Length (circumference)	Rope Weight	Working Load Limit (WLL) Double Leg Straight Lift
mm	~" inch	m	~ kg/m	t
60	2 ³ / ₈	2,10	12,5	55,5
66	2 ⁵ / ₈	2,30	15,2	69
72	2 ⁷ / ₈	2,50	18,1	84
78	3 ¹ / ₈	2,70	21,2	102
84	3 ³ / ₈	2,90	24,7	121
90	3 ¹ / ₂	3,10	28,4	144
96	3 ³ / ₄	3,30	32,0	168
102	4	3,50	36,0	196
108	4 ¹ / ₄	3,70	41,0	227
114	4 ¹ / ₂	4,00	45,0	262
120	4 ³ / ₄	4,20	50,0	300
132	5 ¹ / ₄	4,70	61,0	392
144	5 ⁵ / ₈	5,10	73,0	505
156	6 ¹ / ₈	5,60	85,0	700
168	6 ⁵ / ₈	6,00	96,0	800
180	7 ¹ / ₈	6,50	111	900
192	7 ¹ / ₂	7,10	124	1000
216	8 ¹ / ₂	7,80	160	1250
240	9 ¹ / ₂	8,50	197	1500



Rules and standards ...

Even if not explicitly indicated:
Compliance with standards (ISO, EN, DIN) and statutory provisions. Product specifications continually updated to meet requirements.



The WLL unit describes a metric ton = 1000kg. The rope weight refers to one metre circumferential length. The diameter of the bolts attached to the ropes influence the rope length beyond terminal distances.

dynasteel lift single leg cable lay rope

IWRC rope both ends with hand-spliced soft eye

Nominal Rope Diameter		Minimum Length (circumference)	Rope Weight		Working Load Limit (WLL) Single Leg Straight Lift
			at minimum length	each additional metre	
mm	~" inch	m	~ kg/ea	~kg/m	t
66	2 ⁵ / ₈	6,5	206	15,1	28
72	2 ⁷ / ₈	7,5	285	18,1	34
78	3 ¹ / ₈	8,5	378	21,2	41
84	3 ³ / ₈	9,5	491	24,6	49
90	3 ¹ / ₂	10	592	28,2	58
96	3 ³ / ₄	11	742	32,1	68
102	4	12	912	36,2	79
108	4 ¹ / ₄	12,5	1070	40,7	92
114	4 ¹ / ₂	13	1240	45,5	106
120	4 ³ / ₄	14	1260	43,0	122
132	5 ¹ / ₄	15	1920	60,8	158
144	5 ⁵ / ₈	16	2430	72,4	204
156	6 ¹ / ₈	17	3040	85,0	250
168	6 ⁵ / ₈	18	3730	98,6	290
180	7 ¹ / ₈	19	4510	113	335
192	7 ¹ / ₂	20,5	5550	129	410
216	8 ¹ / ₂	21,5	7310	162	510
240	9 ¹ / ₂	23	9030	187	610
264	10 ³ / ₈	25	12800	243	720

i MORE...

Anything missing? Some important information or a similar product, a different size or a solution for your special needs? Ask us. We are pleased to advise.

CAUTION!

Working load limit and heavy loads!
The working load limits (WLL) on this and the following page refer to existing standards. They are derived from safety factors (so-called design factor), which determine the ratio between the necessary rope breaking strength and intended load capacity for a direct, straight normal load. The resultant factor between 3 and 5 depends on rope diameter, but must be adapted (raised) for factors influencing the situation, such as tilt angle, length tolerance of legs on multileg slings, dynamic forces (transport speed), load centre of gravity, rope bending radius (over bolts, bolt diameter minimum 2x rope diameter), sling type or type of rope end fittings. If in doubt, consult supplier or an expert.

