



Evolution Q810V

Its specifically designed 4-strand core optimizes the absorption of shock loads and vibrations. The PLASTFILL® insert keeps the core permanently lubricated and ensures exceptional longevity.

Specifications

- Ordinary lay, right or left-handed
- 12-36 mm: 8x26WS-EPIWRC, RCN 09, n=208
- Filling factor f=0.62
- Use without swivel
- ✓ PLASTFILL®

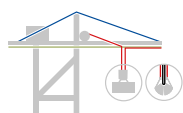
Segments



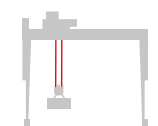
Advantages

- ✓ Optimized absorption of shock loads, impacts, and vibrations: The special design of the core prevents any protrusion of the core strands
- ✓ Outstanding bending fatigue strength thanks to the non-compacted rope design
- ✓ Adapts perfectly to complex reeving systems: excellent durability under short bending cycles and counterbends

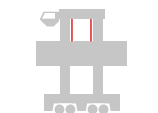
Applications



Ship to shore crane
& ship unloader



ASC, RTG, RMG



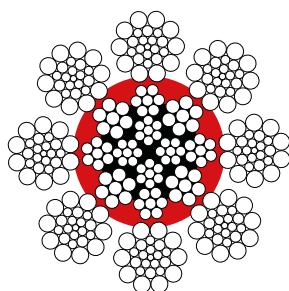
Straddle Carrier

Technical specifications

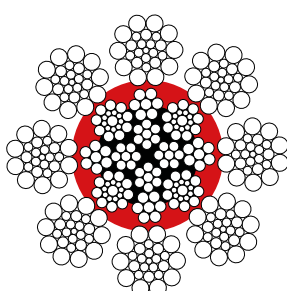
Construction	Nominal Ø		Rope length mass		MBF at rope grade			
	mm	inch	kg/m	lbs/ft	1770 kN	1960 lbf	1770 kN	1960 lbf
8x26WS-EPIWRC RCN 09, n=208	12		0.62	0.42	106	23,830	117	26,303
	12.7	1/2	0.71	0.47	119	26,752	132	29,675
	13		0.74	0.50	125	28,101	138	31,024
	14	9/16	0.86	0.58	144	32,372	160	35,969
	15		0.98	0.66	166	37,318	184	41,365
	16	5/8	1.11	0.75	189	42,489	209	46,985
	17		1.26	0.85	213	47,884	236	53,055
	18		1.42	0.95	239	53,729	264	59,350
	19	3/4	1.58	1.06	266	59,799	295	66,319
	20		1.75	1.18	295	66,319	326	73,288
	21		1.93	1.30	325	73,063	360	80,931
	22		2.12	1.42	357	80,257	395	88,800
	22.23	7/8	2.16	1.45	364	81,830	403	90,598
	23		2.29	1.54	390	87,675	432	97,117
	24		2.54	1.71	424	95,319	470	105,660
	25		2.73	1.84	460	103,412	510	114,653
	25.4	1	2.82	1.90	475	106,784	526	118,250
	26		2.96	1.99	498	111,955	552	124,095
	27		3.19	2.14	537	120,722	595	133,761
	28		3.43	2.30	578	129,940	640	143,878
	28.58	1 1/8	3.57	2.40	602	135,335	666	149,723
	29		3.68	2.47	620	139,382	686	154,219
	30		3.95	2.66	663	149,048	734	165,010
	31.75	1 1/4	4.41	2.96	743	167,033	822	184,793
	32		4.50	3.02	754	169,506	835	187,715
	34		5.05	3.40	852	191,537	943	211,995
	35		5.36	3.60	903	203,002	999	224,584
	36		5.70	3.83	955	214,693	1,057	237,623

Standard tolerance: +2 % to +4 %, other tolerance ranges and rope diameters are available upon request.

The values are provided for guidance only. The metric figures shall prevail. The rope cross-section depicts a typical design and may vary within the product line. Subject to further developments which may lead to changes in technical specifications. Subject to changes and errors.



Evolution Q810V
12-23 mm



Evolution Q810V
24-36 mm