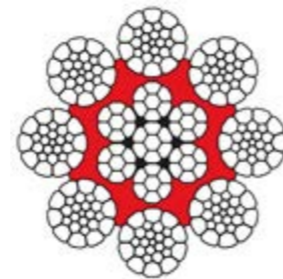


QS 816 V(G)

Extreme resistance to negative external influences distinguishes this rope from others. SUPERFILL® compaction technology developed by Teufelberger-Redaelli provides high breaking forces and highest safety in use. Compaction in the core and a PLASTFILL® insert ensure stability against lateral pressure.



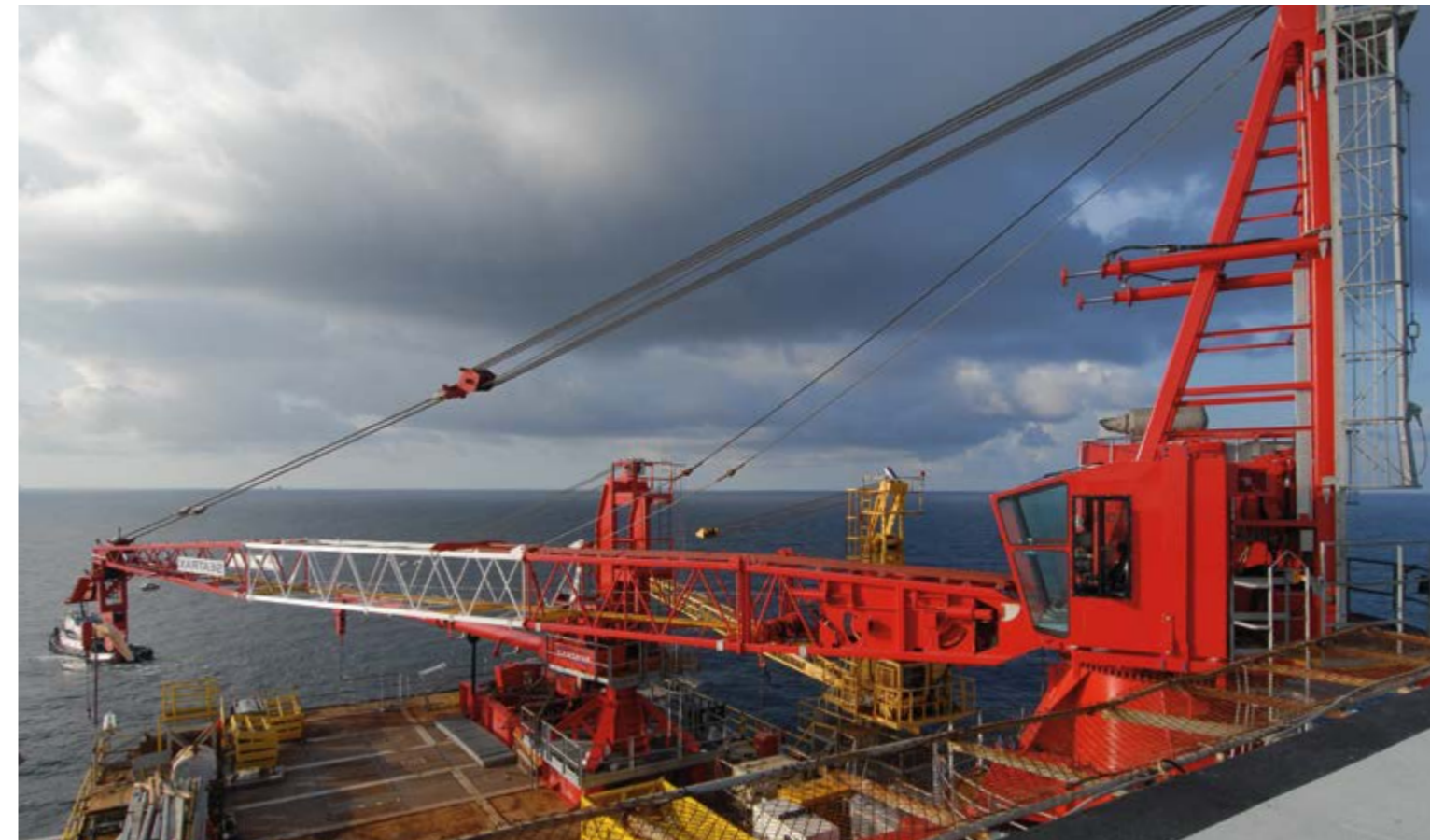
Specifications

- QS 816 V in ordinary lay configuration, QS 816VG in lang's lay configuration, right or left lay
 - 10-42 mm: 8 x K26WS - EPIWRC (K), RCN 09
 - 44-50 mm: 8 x K31WS - EPIWRC (K), RCN 11
 - 52-70 mm: 8 x K42WS - EPIWRC (K), RCN >13
 - Use without rope swivel
- ✓ MULTILAYER SPOOLING
 - ✓ SUPERFILL®
 - ✓ PLASTFILL®

Technical data

Nominal Ø		Weight		Minimum breaking force at rope grade					
				1770 N/mm ²		1960 N/mm ²		2160 N/mm ²	
mm	inch	kg/m	lbs/ft	kN	lbs	kN	lbs	kN	lbs
10		0.46	0.31	81	18,210	89	20,008	98	22,031
11	7/16	0.55	0.37	97	21,806	107	24,055	118	26,527
12		0.69	0.46	117	26,303	129	29,000	143	32,148
13		0.81	0.54	141	31,698	156	35,070	172	38,667
14	9/16	0.93	0.62	162	36,419	179	40,241	198	44,512
15		1.06	0.71	185	41,590	205	46,086	226	50,807
16	5/8	1.20	0.81	210	47,210	232	52,156	256	57,551
17		1.35	0.91	235	52,830	261	58,675	287	64,520
18		1.55	1.04	263	59,125	291	65,419	321	72,164
19	3/4	1.71	1.15	302	67,892	335	75,311	369	82,954
20		1.89	1.27	330	74,187	365	82,055	402	90,373
21		2.15	1.44	374	84,079	414	93,071	457	102,738
22	7/8	2.34	1.57	408	91,722	451	101,389	497	111,730
23		2.54	1.70	445	100,040	492	110,606	543	122,071
24		2.75	1.85	467	104,986	517	116,226	570	128,141
25	1	2.97	1.99	518	116,451	574	129,040	633	142,304
26		3.19	2.14	555	124,769	615	138,257	678	152,420
27		3.51	2.36	595	133,761	659	148,149	727	163,436
28		3.76	2.52	656	147,475	726	163,211	800	179,847
28.57	1 1/8	4.04	2.71	672	151,072	745	167,483	820	184,343
29		3.98	2.67	694	156,017	768	172,653	847	190,413

Other rope diameters are available on request.



Technical data

Nominal Ø		Weight		Minimum breaking force at rope grade					
				1770 N/mm ²		1960 N/mm ²		2160 N/mm ²	
mm	inch	kg/m	lbs/ft	kN	lbs	kN	lbs	kN	lbs
30		4.37	2.93	764	171,754	846	190,188	897	201,654
32	1 1/4	4.90	3.29	864	194,235	957	215,142	1,072	240,995
34		5.59	3.75	945	212,444	1,046	235,150	1,153	259,205
36		6.36	4.27	1,071	240,770	1,186	266,623	1,284	288,655
38	1 1/2	7.03	4.72	1,222	274,717	1,354	304,391	1,431	321,702
40		7.81	5.24	1,342	301,694	1,486	334,066	1,545	347,330
42		8.60	5.77	1,482	333,167	1,641	368,911	1,736	390,268
44	1 3/4	9.27	6.22	1,596	358,795	1,768	397,462		
46		10.30	6.91	1,760	395,664	1,949	438,153		
48		10.78	7.23	1,848	415,447	2,050	460,858		
50	2	11.60	7.78	2,016	453,215	2,232	501,774		
52		12.50	8.39	2,180	490,083	2,414	542,689		
54	2 1/8	13.91	9.33	2,287	514,138	2,532	569,216		
56		14.50	9.73	2,529	568,542	2,850	640,705		
58		15.60	10.47	2,712	609,682	3,004	675,326		
60	2 3/8	16.70	11.21	2,903	652,620	3,214	722,536		
62		17.80	11.94	3,099	696,683	3,432	771,544		
64		19.74	13.25	3,303	742,544	3,657	822,126		
66	2 5/8	20.63	13.84	3,495	785,707	3,870	870,011		
68		21.40	14.36	3,728	838,088	4,128	928,011		
70	2 3/4	22.70	15.23	3,951	888,220	4,375	983,539		

Other rope diameters are available on request.