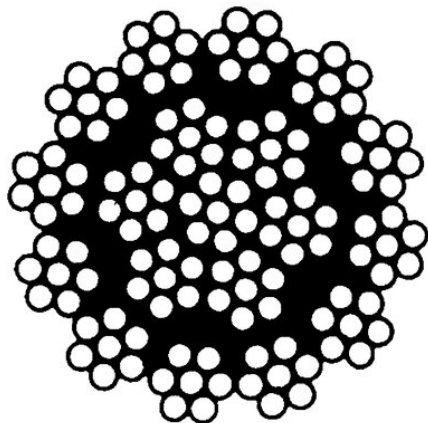


Steel Wire Rope 19x7 (Semi-rotation resistant)

Product information



Main- and auxiliary hoist line on mobile- and truck cranes. Often used as a single point line. Large lifting heights will require a tag line to prevent excessive spinning of the load. Smaller sizes (< 3/8") are sometimes used on overhead cranes. NOT recommended for construction tower cranes.

Rope characteristic: Using the rope to its maximum fatigue life will cause the rope to deteriorate from the inside out. Sudden rope failures may be the result. For this reason we do not recommend this construction for tower cranes. There have been fatal and catastrophic accidents involving this rope construction because of undetected inner rope fatigue.

ISO 4309 Rope Category No: All Diameters **RCN.23-1**.

[... Read more](#)

Truck crane



Jib crane



Rope construction: 19x7 (Semi-rotation resistant rope)

Marking: According to standard

Standard: EN 12385-4

RCN: 23-1

Steel Wire Rope 19x7 (Semi-rotation resistant)

Technical data

Part code	Rope diameter mm	Tensile strength N/mm ²	Finish	Rope lay	Min. breaking force kN	Steel area mm ²	Lubrication	Weight kg/100m
01.B30133030E0	3	1,770	Bright	sZ	5.23	3.9	Dry	3.61
01.G30133030E0	3	1,770	Galvanized	sZ	5.23	3.9	Dry	3.61
01.B30133030G0	3	1,960	Bright	sZ	-	3.9	Dry	3.61
01.G30133030G0	3	1,960	Galvanized	sZ	-	3.9	Dry	3.61
01.B30133040E0	4	1,770	Bright	sZ	9.3	6.93	Dry	6.42
01.G30133040E0	4	1,770	Galvanized	sZ	9.3	6.93	Dry	6.42
01.B30133040G0	4	1,960	Bright	sZ	10.3	6.93	Dry	6.42
01.G30133040G0	4	1,960	Galvanized	sZ	10.3	6.93	Dry	6.42
01.B30133050E0	5	1,770	Bright	sZ	14.5	10.8	Dry	10
01.G30133050E0	5	1,770	Galvanized	sZ	14.5	10.8	Dry	10
01.B30133050G0	5	1,960	Bright	sZ	16.1	10.8	Dry	10
01.G30133050G0	5	1,960	Galvanized	sZ	16.1	10.8	Dry	10
01.B30133060E0	6	1,770	Bright	sZ	20.9	15.6	Dry	14.4
01.G30133060E0	6	1,770	Galvanized	sZ	20.9	15.6	Dry	14.4
01.B30133060G0	6	1,960	Bright	sZ	23.1	15.6	Dry	14.4
01.G30133060G0	6	1,960	Galvanized	sZ	23.1	15.6	Dry	14.4
01.B30133070E0	7	1,770	Bright	sZ	28.4	21.2	Dry	19.6
01.G30133070E0	7	1,770	Galvanized	sZ	28.4	21.2	Dry	19.6
01.B30133070G0	7	1,960	Bright	sZ	32	21.2	Dry	19.6
01.G30133070G0	7	1,960	Galvanized	sZ	32	21.2	Dry	19.6
01.B30133080E0	8	1,770	Bright	sZ	37	27.7	Dry	25.7
01.G30133080E0	8	1,770	Galvanized	sZ	37	27.7	Dry	25.7
01.B30133080G0	8	1,960	Bright	sZ	41	27.7	Dry	25.7
01.G30133080G0	8	1,960	Galvanized	sZ	41	27.7	Dry	25.7
01.B30133090E0	9	1,770	Bright	sZ	47	35.1	Dry	32.5
01.G30133090E0	9	1,770	Galvanized	sZ	47	35.1	Dry	32.5
01.B30133090G0	9	1,960	Bright	sZ	52	35.1	Dry	32.5
01.G30133090G0	9	1,960	Galvanized	sZ	52	35.1	Dry	32.5
01.B30133100E0	10	1,770	Bright	sZ	58	43.3	Dry	40.1
01.G30133100E0	10	1,770	Galvanized	sZ	58	43.3	Dry	40.1
01.B30133100G0	10	1,960	Bright	sZ	64	43.3	Dry	40.1

Steel Wire Rope 19x7 (Semi-rotation resistant)

Technical data

Part code	Rope diameter mm	Tensile strength N/mm ²	Finish	Rope lay	Min. breaking force kN	Steel area mm ²	Lubrication	Weight kg/100m
01.G30133100G0	10	1,960	Galvanized	sZ	64	43.3	Dry	40.1
01.B30133110E0	11	1,770	Bright	sZ	70	52.4	Dry	49
01.G30133110E0	11	1,770	Galvanized	sZ	70	52.4	Dry	49
01.B30133110G0	11	1,960	Bright	sZ	78	52.4	Dry	49
01.G30133110G0	11	1,960	Galvanized	sZ	78	52.4	Dry	49
01.B30133120E0	12	1,770	Bright	sZ	84	62.4	Dry	58
01.G30133120E0	12	1,770	Galvanized	sZ	84	62.4	Dry	58
01.B30133120G0	12	1,960	Bright	sZ	93	62.4	Dry	58
01.G30133120G0	12	1,960	Galvanized	sZ	93	62.4	Dry	58
01.B30133130E0	13	1,770	Bright	sZ	98	73.2	Dry	68
01.G30133130E0	13	1,770	Galvanized	sZ	98	73.2	Dry	68
01.B30133130G0	13	1,960	Bright	sZ	109	73.2	Dry	68
01.G30133130G0	13	1,960	Galvanized	sZ	109	73.2	Dry	68
01.B30133140E0	14	1,770	Bright	sZ	114	84.9	Dry	79
01.G30133140E0	14	1,770	Galvanized	sZ	114	84.9	Dry	79
01.B30133140G0	14	1,960	Bright	sZ	126	84.9	Dry	79
01.G30133140G0	14	1,960	Galvanized	sZ	126	84.9	Dry	79
01.B30133150E0	15	1,770	Bright	sZ	131	97.4	Dry	90
01.G30133150E0	15	1,770	Galvanized	sZ	131	97.4	Dry	90
01.B30133150G0	15	1,960	Bright	sZ	145	97.4	Dry	90
01.G30133150G0	15	1,960	Galvanized	sZ	145	97.4	Dry	90
01.B30133160E0	16	1,770	Bright	sZ	149	111	Dry	103
01.G30133160E0	16	1,770	Galvanized	sZ	149	111	Dry	103
01.B30133160G0	16	1,960	Bright	sZ	165	111	Dry	103
01.G30133160G0	16	1,960	Galvanized	sZ	165	111	Dry	103
01.B30133180E0	18	1,770	Bright	sZ	188	140	Dry	130
01.G30133180E0	18	1,770	Galvanized	sZ	188	140	Dry	130
01.B30133180G0	18	1,960	Bright	sZ	208	140	Dry	130
01.G30133180G0	18	1,960	Galvanized	sZ	208	140	Dry	130
01.B30133200E0	20	1,770	Bright	sZ	232	173	Dry	160
01.G30133200E0	20	1,770	Galvanized	sZ	232	173	Dry	160

Steel Wire Rope 19x7 (Semi-rotation resistant)

Technical data

Part code	Rope diameter mm	Tensile strength N/mm ²	Finish	Rope lay	Min. breaking force kN	Steel area mm ²	Lubrication	Weight kg/100m
01.B30133200G0	20	1,960	Bright	sZ	257	173	Dry	160
01.G30133200G0	20	1,960	Galvanized	sZ	257	173	Dry	160
01.B30133220E0	22	1,770	Bright	sZ	281	210	Dry	194
01.G30133220E0	22	1,770	Galvanized	sZ	281	210	Dry	194
01.B30133220G0	22	1,960	Bright	sZ	311	210	Dry	194
01.G30133220G0	22	1,960	Galvanized	sZ	311	210	Dry	194
01.B30133240E0	24	1,770	Bright	sZ	334	249	Dry	231
01.G30133240E0	24	1,770	Galvanized	sZ	334	249	Dry	231
01.B30133240G0	24	1,960	Bright	sZ	370	249	Dry	231
01.G30133240G0	24	1,960	Galvanized	sZ	370	249	Dry	231
01.B30133260E0	26	1,770	Bright	sZ	392	293	Dry	271
01.G30133260E0	26	1,770	Galvanized	sZ	392	293	Dry	271
01.B30133260G0	26	1,960	Bright	sZ	435	293	Dry	271
01.G30133260G0	26	1,960	Galvanized	sZ	435	293	Dry	271
01.B30133280E0	28	1,770	Bright	sZ	455	339	Dry	314
01.G30133280E0	28	1,770	Galvanized	sZ	455	339	Dry	314
01.B30133280G0	28	1,960	Bright	sZ	504	339	Dry	314
01.G30133280G0	28	1,960	Galvanized	sZ	504	339	Dry	314
01.B30133300E0	30	1,770	Bright	sZ	523	390	Dry	361
01.G30133300E0	30	1,770	Galvanized	sZ	523	390	Dry	361
01.B30133300G0	30	1,960	Bright	sZ	579	390	Dry	361
01.G30133300G0	30	1,960	Galvanized	sZ	579	390	Dry	361
01.B30133320E0	32	1,770	Bright	sZ	594	443	Dry	411
01.G30133320E0	32	1,770	Galvanized	sZ	594	443	Dry	411
01.B30133320G0	32	1,960	Bright	sZ	658	443	Dry	411
01.G30133320G0	32	1,960	Galvanized	sZ	658	443	Dry	411
01.B30133340E0	34	1,770	Bright	sZ	671	501	Dry	464
01.G30133340E0	34	1,770	Galvanized	sZ	671	501	Dry	464
01.B30133340G0	34	1,960	Bright	sZ	743	501	Dry	464
01.G30133340G0	34	1,960	Galvanized	sZ	743	501	Dry	464
01.B30133360E0	36	1,770	Bright	sZ	752	561	Dry	520

Steel Wire Rope 19x7 (Semi-rotation resistant)

Technical data

Part code	Rope diameter mm	Tensile strength N/mm ²	Finish	Rope lay	Min. breaking force kN	Steel area mm ²	Lubrication	Weight kg/100m
01.G30133360E0	36	1,770	Galvanized	sZ	752	561	Dry	520
01.B30133360G0	36	1,960	Bright	sZ	833	561	Dry	520
01.G30133360G0	36	1,960	Galvanized	sZ	833	561	Dry	520
01.B30133380E0	38	1,770	Bright	sZ	838	625	Dry	579
01.G30133380E0	38	1,770	Galvanized	sZ	838	625	Dry	579
01.B30133380G0	38	1,960	Bright	sZ	928	625	Dry	579
01.G30133380G0	38	1,960	Galvanized	sZ	928	625	Dry	579
01.B30133400E0	40	1,770	Bright	sZ	929	693	Dry	642
01.G30133400E0	40	1,770	Galvanized	sZ	929	693	Dry	642
01.B30133400G0	40	1,960	Bright	sZ	1,029	693	Dry	642
01.G30133400G0	40	1,960	Galvanized	sZ	1,029	693	Dry	642