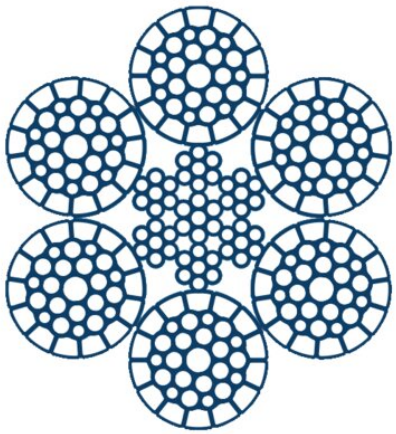
Lifting Solutions Group
Axel Johnson International

Wire rope Dyform 6

Product information



Superior bending fatigue life when compared with conventional six strand crane ropes.
Excellent resistance to crushing and abrasion particularlyon multi-layer coiling resulting from the Dyform strands.
Reduced elongation results from increased steel content and the Dyform process.
Optional plastic impregnation to further extend fatigue life, improve structural stability and resistance to corrosion.

ISO 4309 Rope Category No: 8-15mm **RCN.06**, 16-46mm **RCN.09**, 48-50mm **RCN.11**

... *Read more*

Features: Strong High Performance 6 Strand Crane Rope
Material: High Carbon Steel
Marking: According to standard, On Termination ID and CE mark
Finish: Galvanised or Ungalvanised
Standard: EN 12385-4

Fill factor: 0.64
RCN: 06

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Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Lubrication	Weight kg/100m
103101004270509	10	1,960	Galvanized	sZ	82.8	SupplierStandard	46.9
103101003270509	10	1,960	Galvanized	zS	82.8	SupplierStandard	46.9
103101004070509	10	1,960	Bright	sZ	82.8	SupplierStandard	46.9
103101003070509	10	1,960	Bright	zS	82.8	SupplierStandard	46.9
103101004300509	10	2,160	Galvanized	sZ	89.8	SupplierStandard	46.9
103101003300509	10	2,160	Galvanized	zS	89.8	SupplierStandard	46.9
103101004100509	10	2,160	Bright	sZ	89.8	SupplierStandard	46.9
103101003100509	10	2,160	Bright	zS	89.8	SupplierStandard	46.9
103101104070509	11	1,960	Bright	sZ	100	SupplierStandard	57.5
103101103070509	11	1,960	Bright	zS	100	SupplierStandard	57.5
103101104270509	11	1,960	Galvanized	sZ	100	SupplierStandard	57.5
103101103270509	11	1,960	Galvanized	zS	100	SupplierStandard	57.5
103101104100509	11	2,160	Bright	sZ	109	SupplierStandard	57.5
103101103100509	11	2,160	Bright	zS	109	SupplierStandard	57.5
103101104300509	11	2,160	Galvanized	sZ	109	SupplierStandard	57.5
103101103300509	11	2,160	Galvanized	zS	109	SupplierStandard	57.5
103101204070509	12	1,960	Bright	sZ	119	SupplierStandard	64.9
103101203070509	12	1,960	Bright	zS	119	SupplierStandard	64.9
103101204270509	12	1,960	Galvanized	sZ	119	SupplierStandard	64.9
103101203270509	12	1,960	Galvanized	zS	119	SupplierStandard	64.9
103101204100509	12	2,160	Bright	sZ	129	SupplierStandard	64.9
103101203100509	12	2,160	Bright	zS	129	SupplierStandard	64.9
103101204300509	12	2,160	Galvanized	sZ	129	SupplierStandard	64.9
103101203300509	12	2,160	Galvanized	zS	129	SupplierStandard	64.9
103101304070509	13	1,960	Bright	sZ	140	SupplierStandard	80.3
103101303070509	13	1,960	Bright	zS	140	SupplierStandard	80.3
103101304270509	13	1,960	Galvanized	sZ	140	SupplierStandard	80.3
103101303270509	13	1,960	Galvanized	zS	140	SupplierStandard	80.3
103101304100509	13	2,160	Bright	sZ	152	SupplierStandard	80.3
103101303100509	13	2,160	Bright	zS	152	SupplierStandard	80.3
103101304300509	13	2,160	Galvanized	sZ	152	SupplierStandard	80.3

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Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Lubrication	Weight kg/100m
103101303300509	13	2,160	Galvanized	zS	152	SupplierStandard	80.3
103101404070509	14	1,960	Bright	sZ	162	SupplierStandard	94
103101403070509	14	1,960	Bright	zS	162	SupplierStandard	94
103101404270509	14	1,960	Galvanized	sZ	162	SupplierStandard	94
103101403270509	14	1,960	Galvanized	zS	162	SupplierStandard	94
103101404100509	14	2,160	Bright	sZ	176	SupplierStandard	94
103101403100509	14	2,160	Bright	zS	176	SupplierStandard	94
103101404300509	14	2,160	Galvanized	sZ	176	SupplierStandard	94
103101403300509	14	2,160	Galvanized	zS	176	SupplierStandard	94
103101504070509	15	1,960	Bright	sZ	186	SupplierStandard	106
103101503070509	15	1,960	Bright	zS	186	SupplierStandard	106
103101504270509	15	1,960	Galvanized	sZ	186	SupplierStandard	106
103101503270509	15	1,960	Galvanized	zS	186	SupplierStandard	106
103101504100509	15	2,160	Bright	sZ	202	SupplierStandard	106
103101503100509	15	2,160	Bright	zS	202	SupplierStandard	106
103101504300509	15	2,160	Galvanized	sZ	202	SupplierStandard	106
103101503300509	15	2,160	Galvanized	zS	202	SupplierStandard	106
103101604070509	16	1,960	Bright	sZ	212	SupplierStandard	117
103101603070509	16	1,960	Bright	zS	212	SupplierStandard	117
103101604270509	16	1,960	Galvanized	sZ	212	SupplierStandard	117
103101603270509	16	1,960	Galvanized	zS	212	SupplierStandard	117
103101604100509	16	2,160	Bright	sZ	230	SupplierStandard	117
103101603100509	16	2,160	Bright	zS	230	SupplierStandard	117
103101604300509	16	2,160	Galvanized	sZ	230	SupplierStandard	117
103101603300509	16	2,160	Galvanized	zS	230	SupplierStandard	117
103101704070509	17	1,960	Bright	sZ	239	SupplierStandard	139
103101703070509	17	1,960	Bright	zS	239	SupplierStandard	139
103101704270509	17	1,960	Galvanized	sZ	239	SupplierStandard	139
103101703270509	17	1,960	Galvanized	zS	239	SupplierStandard	139
103101704100509	17	2,160	Bright	sZ	260	SupplierStandard	139
103101703100509	17	2,160	Bright	zS	260	SupplierStandard	139

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Axel Johnson International

Wire rope Dyform 6

Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Lubrication	Weight kg/100m
103101704300509	17	2,160	Galvanized	sZ	260	SupplierStandard	139
103101703300509	17	2,160	Galvanized	zS	260	SupplierStandard	139
103101804070509	18	1,960	Bright	sZ	268	SupplierStandard	153
103101803070509	18	1,960	Bright	zS	268	SupplierStandard	153
103101804270509	18	1,960	Galvanized	sZ	268	SupplierStandard	153
103101803270509	18	1,960	Galvanized	zS	268	SupplierStandard	153
103101804100509	18	2,160	Bright	sZ	291	SupplierStandard	153
103101803100509	18	2,160	Bright	zS	291	SupplierStandard	153
103101804300509	18	2,160	Galvanized	sZ	291	SupplierStandard	153
103101803300509	18	2,160	Galvanized	zS	291	SupplierStandard	153
103101904070509	19	1,960	Bright	sZ	299	SupplierStandard	166
103101903070509	19	1,960	Bright	zS	299	SupplierStandard	166
103101904270509	19	1,960	Galvanized	sZ	299	SupplierStandard	166
103101903270509	19	1,960	Galvanized	zS	299	SupplierStandard	166
103101904100509	19	2,160	Bright	sZ	324	SupplierStandard	166
103101903100509	19	2,160	Bright	zS	324	SupplierStandard	166
103101904300509	19	2,160	Galvanized	sZ	324	SupplierStandard	166
103101903300509	19	2,160	Galvanized	zS	324	SupplierStandard	166
103102004070509	20	1,960	Bright	sZ	331	SupplierStandard	182
103102003070509	20	1,960	Bright	zS	331	SupplierStandard	182
103102004270509	20	1,960	Galvanized	sZ	331	SupplierStandard	182
103102003270509	20	1,960	Galvanized	zS	331	SupplierStandard	182
103102004100509	20	2,160	Bright	sZ	359	SupplierStandard	182
103102003100509	20	2,160	Bright	zS	359	SupplierStandard	182
103102004300509	20	2,160	Galvanized	sZ	359	SupplierStandard	182
103102003300509	20	2,160	Galvanized	zS	359	SupplierStandard	182
103102204070509	22	1,960	Bright	sZ	401	SupplierStandard	217
103102203070509	22	1,960	Bright	zS	401	SupplierStandard	217
103102204270509	22	1,960	Galvanized	sZ	401	SupplierStandard	217
103102203270509	22	1,960	Galvanized	zS	401	SupplierStandard	217
103102204100509	22	2,160	Bright	sZ	435	SupplierStandard	217

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Wire rope Dyform 6

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Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Lubrication	Weight kg/100m
103102203100509	22	2,160	Bright	zS	435	SupplierStandard	217
103102204300509	22	2,160	Galvanized	sZ	435	SupplierStandard	217
103102203300509	22	2,160	Galvanized	zS	435	SupplierStandard	217
103102404070509	24	1,960	Bright	sZ	477	SupplierStandard	266
103102403070509	24	1,960	Bright	zS	477	SupplierStandard	266
103102404270509	24	1,960	Galvanized	sZ	477	SupplierStandard	266
103102403270509	24	1,960	Galvanized	zS	477	SupplierStandard	266
103102404100509	24	2,160	Bright	sZ	518	SupplierStandard	266
103102403100509	24	2,160	Bright	zS	518	SupplierStandard	266
103102404300509	24	2,160	Galvanized	sZ	518	SupplierStandard	266
103102403300509	24	2,160	Galvanized	zS	518	SupplierStandard	266
103102504070509	25	1,960	Bright	sZ	512	SupplierStandard	280
103102503070509	25	1,960	Bright	zS	512	SupplierStandard	280
103102504270509	25	1,960	Galvanized	sZ	512	SupplierStandard	280
103102503270509	25	1,960	Galvanized	zS	512	SupplierStandard	280
103102504100509	25	2,160	Bright	sZ	546	SupplierStandard	280
103102503100509	25	2,160	Bright	zS	546	SupplierStandard	280
103102504300509	25	2,160	Galvanized	sZ	546	SupplierStandard	280
103102503300509	25	2,160	Galvanized	zS	546	SupplierStandard	280
103102604070509	26	1,960	Bright	sZ	559	SupplierStandard	313
103102603070509	26	1,960	Bright	zS	559	SupplierStandard	313
103102604270509	26	1,960	Galvanized	sZ	559	SupplierStandard	313
103102603270509	26	1,960	Galvanized	zS	559	SupplierStandard	313
103102604100509	26	2,160	Bright	sZ	607	SupplierStandard	313
103102603100509	26	2,160	Bright	zS	607	SupplierStandard	313
103102604300509	26	2,160	Galvanized	sZ	607	SupplierStandard	313
103102603300509	26	2,160	Galvanized	zS	607	SupplierStandard	313
103102804070509	28	1,960	Bright	sZ	649	SupplierStandard	359
103102803070509	28	1,960	Bright	zS	649	SupplierStandard	359
103102804270509	28	1,960	Galvanized	sZ	649	SupplierStandard	359
103102803270509	28	1,960	Galvanized	zS	649	SupplierStandard	359

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Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Lubrication	Weight kg/100m
103102804100509	28	2,160	Bright	sZ	704	SupplierStandard	359
103102803100509	28	2,160	Bright	zS	704	SupplierStandard	359
103102804300509	28	2,160	Galvanized	sZ	704	SupplierStandard	359
103102803300509	28	2,160	Galvanized	zS	704	SupplierStandard	359
103103004070509	30	1,960	Bright	sZ	745	SupplierStandard	414
103103003070509	30	1,960	Bright	zS	745	SupplierStandard	414
103103004270509	30	1,960	Galvanized	sZ	745	SupplierStandard	414
103103003270509	30	1,960	Galvanized	zS	745	SupplierStandard	414
103103004100509	30	2,160	Bright	sZ	809	SupplierStandard	414
103103003100509	30	2,160	Bright	zS	809	SupplierStandard	414
103103004300509	30	2,160	Galvanized	sZ	809	SupplierStandard	414
103103003300509	30	2,160	Galvanized	zS	809	SupplierStandard	414
103103204070509	32	1,960	Bright	sZ	847	SupplierStandard	469
103103203070509	32	1,960	Bright	zS	847	SupplierStandard	469
103103204270509	32	1,960	Galvanized	sZ	847	SupplierStandard	469
103103203270509	32	1,960	Galvanized	zS	847	SupplierStandard	469
103103204100509	32	2,160	Bright	sZ	920	SupplierStandard	469
103103203100509	32	2,160	Bright	zS	920	SupplierStandard	469
103103204300509	32	2,160	Galvanized	sZ	920	SupplierStandard	469
103103203300509	32	2,160	Galvanized	zS	920	SupplierStandard	469
103103404070509	34	1,960	Bright	sZ	957	SupplierStandard	509
103103403070509	34	1,960	Bright	zS	957	SupplierStandard	509
103103404270509	34	1,960	Galvanized	sZ	957	SupplierStandard	509
103103403270509	34	1,960	Galvanized	zS	957	SupplierStandard	509
103103404100509	34	2,160	Bright	sZ	1,039	SupplierStandard	509
103103403100509	34	2,160	Bright	zS	1,039	SupplierStandard	509
103103404300509	34	2,160	Galvanized	sZ	1,039	SupplierStandard	509
103103403300509	34	2,160	Galvanized	zS	1,039	SupplierStandard	509
103103604070509	36	1,960	Bright	sZ	1,073	SupplierStandard	592
103103603070509	36	1,960	Bright	zS	1,073	SupplierStandard	592
103103604270509	36	1,960	Galvanized	sZ	1,073	SupplierStandard	592

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Wire rope Dyform 6

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Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Lubrication	Weight kg/100m
103103603270509	36	1,960	Galvanized	zS	1,073	SupplierStandard	592
103103604100509	36	2,160	Bright	sZ	1,164	SupplierStandard	592
103103603100509	36	2,160	Bright	zS	1,164	SupplierStandard	592
103103604300509	36	2,160	Galvanized	sZ	1,164	SupplierStandard	592
103103603300509	36	2,160	Galvanized	zS	1,164	SupplierStandard	592
103103804070509	38	1,960	Bright	sZ	1,195	SupplierStandard	643
103103803070509	38	1,960	Bright	zS	1,195	SupplierStandard	643
103103804270509	38	1,960	Galvanized	sZ	1,195	SupplierStandard	643
103103803270509	38	1,960	Galvanized	zS	1,195	SupplierStandard	643
103103804100509	38	2,160	Bright	sZ	1,297	SupplierStandard	643
103103803100509	38	2,160	Bright	zS	1,297	SupplierStandard	643
103103804300509	38	2,160	Galvanized	sZ	1,297	SupplierStandard	643
103103803300509	38	2,160	Galvanized	zS	1,297	SupplierStandard	643
103104004070509	40	1,960	Bright	sZ	1,324	SupplierStandard	715
103104003070509	40	1,960	Bright	zS	1,324	SupplierStandard	715
103104004270509	40	1,960	Galvanized	sZ	1,324	SupplierStandard	715
103104003270509	40	1,960	Galvanized	zS	1,324	SupplierStandard	715
103104004100509	40	2,160	Bright	sZ	1,438	SupplierStandard	715
103104003100509	40	2,160	Bright	zS	1,438	SupplierStandard	715
103104004300509	40	2,160	Galvanized	sZ	1,438	SupplierStandard	715
103104003300509	40	2,160	Galvanized	zS	1,438	SupplierStandard	715
103104204070509	42	1,960	Bright	sZ	1,460	SupplierStandard	791

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