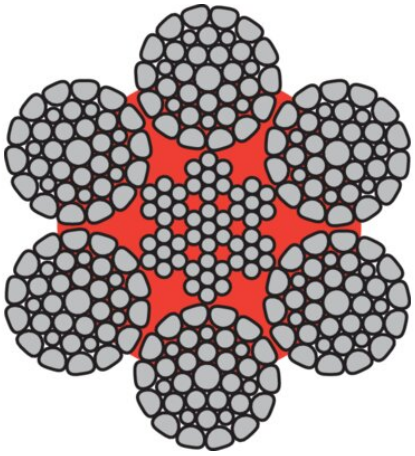
Lifting Solutions Group
Axel Johnson International

Bridon® Dyform® 6-PI Steel Wire Rope

Product information



Superior bending fatigue life when compared with conventional six strand crane ropes.
Excellent resistance to crushing and abrasion particularly on multi layer coiling resulting from the Dyform strands.
Reduced elongation results from increased steel content and the Dyform process.
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
103101004070079	10	1,960	Bright	sZ	82.8	SupplierStandard	46.9
103101003070079	10	1,960	Bright	zS	82.8	SupplierStandard	46.9
103101004270079	10	1,960	Galvanized	sZ	82.8	SupplierStandard	46.9
103101003270079	10	1,960	Galvanized	zS	82.8	SupplierStandard	46.9
103101004100079	10	2,160	Bright	sZ	89.8	SupplierStandard	46.9
103101003100079	10	2,160	Bright	zS	89.8	SupplierStandard	46.9
103101004300079	10	2,160	Galvanized	sZ	89.8	SupplierStandard	46.9
103101003300079	10	2,160	Galvanized	zS	89.8	SupplierStandard	46.9
103101104070079	11	1,960	Bright	sZ	100	SupplierStandard	57.5
103101103070079	11	1,960	Bright	zS	100	SupplierStandard	57.5
103101104270079	11	1,960	Galvanized	sZ	100	SupplierStandard	57.5
103101103270079	11	1,960	Galvanized	zS	100	SupplierStandard	57.5
103101104100079	11	2,160	Bright	sZ	109	SupplierStandard	57.5
103101103100079	11	2,160	Bright	zS	109	SupplierStandard	57.5
103101104300079	11	2,160	Galvanized	sZ	109	SupplierStandard	57.5
103101103300079	11	2,160	Galvanized	zS	109	SupplierStandard	57.5
103101204070079	12	1,960	Bright	sZ	119	SupplierStandard	64.9
103101203070079	12	1,960	Bright	zS	119	SupplierStandard	64.9
103101204270079	12	1,960	Galvanized	sZ	119	SupplierStandard	64.9
103101203270079	12	1,960	Galvanized	zS	119	SupplierStandard	64.9
103101204100079	12	2,160	Bright	sZ	129	SupplierStandard	64.9
103101203100079	12	2,160	Bright	zS	129	SupplierStandard	64.9
103101204300079	12	2,160	Galvanized	sZ	129	SupplierStandard	64.9
103101203300079	12	2,160	Galvanized	zS	129	SupplierStandard	64.9
103101304070079	13	1,960	Bright	sZ	140	SupplierStandard	80.3
103101303070079	13	1,960	Bright	zS	140	SupplierStandard	80.3
103101304270079	13	1,960	Galvanized	sZ	140	SupplierStandard	80.3
103101303270079	13	1,960	Galvanized	zS	140	SupplierStandard	80.3
103101304100079	13	2,160	Bright	sZ	152	SupplierStandard	80.3
103101303100079	13	2,160	Bright	zS	152	SupplierStandard	80.3
103101304300079	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
103101303300079	13	2,160	Galvanized	zS	152	SupplierStandard	80.3
103101404070079	14	1,960	Bright	sZ	162	SupplierStandard	94
103101403070079	14	1,960	Bright	zS	162	SupplierStandard	94
103101404270079	14	1,960	Galvanized	sZ	162	SupplierStandard	94
103101403270079	14	1,960	Galvanized	zS	162	SupplierStandard	94
103101404100079	14	2,160	Bright	sZ	176	SupplierStandard	94
103101403100079	14	2,160	Bright	zS	176	SupplierStandard	94
103101404300079	14	2,160	Galvanized	sZ	176	SupplierStandard	94
103101403300079	14	2,160	Galvanized	zS	176	SupplierStandard	94
103101504070079	15	1,960	Bright	sZ	186	SupplierStandard	106
103101503070079	15	1,960	Bright	zS	186	SupplierStandard	106
103101504270079	15	1,960	Galvanized	sZ	186	SupplierStandard	106
103101503270079	15	1,960	Galvanized	zS	186	SupplierStandard	106
103101504100079	15	2,160	Bright	sZ	202	SupplierStandard	106
103101503100079	15	2,160	Bright	zS	202	SupplierStandard	106
103101504300079	15	2,160	Galvanized	sZ	202	SupplierStandard	106
103101503300079	15	2,160	Galvanized	zS	202	SupplierStandard	106
103101604070079	16	1,960	Bright	sZ	212	SupplierStandard	117
103101603070079	16	1,960	Bright	zS	212	SupplierStandard	117
103101604270079	16	1,960	Galvanized	sZ	212	SupplierStandard	117
103101603270079	16	1,960	Galvanized	zS	212	SupplierStandard	117
103101604100079	16	2,160	Bright	sZ	230	SupplierStandard	117
103101603100079	16	2,160	Bright	zS	230	SupplierStandard	117
103101604300079	16	2,160	Galvanized	sZ	230	SupplierStandard	117
103101603300079	16	2,160	Galvanized	zS	230	SupplierStandard	117
103101704070079	17	1,960	Bright	sZ	239	SupplierStandard	139
103101703070079	17	1,960	Bright	zS	239	SupplierStandard	139
103101704270079	17	1,960	Galvanized	sZ	239	SupplierStandard	139
103101703270079	17	1,960	Galvanized	zS	239	SupplierStandard	139
103101704100079	17	2,160	Bright	sZ	260	SupplierStandard	139
103101703100079	17	2,160	Bright	zS	260	SupplierStandard	139

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Bridon® Dyform® 6-PI Steel Wire Rope

Technical data

Part code	Rope diameter mm	Tensile strength N/mm²	Finish	Rope lay	Min. breaking force kN	Lubrication	Weight kg/100m
103101704300079	17	2,160	Galvanized	sZ	260	SupplierStandard	139
103101703300079	17	2,160	Galvanized	zS	260	SupplierStandard	139
103101804070079	18	1,960	Bright	sZ	268	SupplierStandard	153
103101803070079	18	1,960	Bright	zS	268	SupplierStandard	153
103101804270079	18	1,960	Galvanized	sZ	268	SupplierStandard	153
103101803270079	18	1,960	Galvanized	zS	268	SupplierStandard	153
103101804100079	18	2,160	Bright	sZ	291	SupplierStandard	153
103101803100079	18	2,160	Bright	zS	291	SupplierStandard	153
103101804300079	18	2,160	Galvanized	sZ	291	SupplierStandard	153
103101803300079	18	2,160	Galvanized	zS	291	SupplierStandard	153
103101904070079	19	1,960	Bright	sZ	299	SupplierStandard	166
103101903070079	19	1,960	Bright	zS	299	SupplierStandard	166
103101904270079	19	1,960	Galvanized	sZ	299	SupplierStandard	166
103101903270079	19	1,960	Galvanized	zS	299	SupplierStandard	166
103101904100079	19	2,160	Bright	sZ	324	SupplierStandard	166
103101903100079	19	2,160	Bright	zS	324	SupplierStandard	166
103101904300079	19	2,160	Galvanized	sZ	324	SupplierStandard	166
103101903300079	19	2,160	Galvanized	zS	324	SupplierStandard	166
103102004070079	20	1,960	Bright	sZ	331	SupplierStandard	182
103102003070079	20	1,960	Bright	zS	331	SupplierStandard	182
103102004270079	20	1,960	Galvanized	sZ	331	SupplierStandard	182
103102003270079	20	1,960	Galvanized	zS	331	SupplierStandard	182
103102004100079	20	2,160	Bright	sZ	359	SupplierStandard	182
103102003100079	20	2,160	Bright	zS	359	SupplierStandard	182
103102004300079	20	2,160	Galvanized	sZ	359	SupplierStandard	182
103102003300079	20	2,160	Galvanized	zS	359	SupplierStandard	182
103102204070079	22	1,960	Bright	sZ	401	SupplierStandard	217
103102203070079	22	1,960	Bright	zS	401	SupplierStandard	217
103102204270079	22	1,960	Galvanized	sZ	401	SupplierStandard	217
103102203270079	22	1,960	Galvanized	zS	401	SupplierStandard	217
103102204100079	22	2,160	Bright	sZ	435	SupplierStandard	217

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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
103102203100079	22	2,160	Bright	zS	435	SupplierStandard	217
103102204300079	22	2,160	Galvanized	sZ	435	SupplierStandard	217
103102203300079	22	2,160	Galvanized	zS	435	SupplierStandard	217
103102404070079	24	1,960	Bright	sZ	477	SupplierStandard	266
103102403070079	24	1,960	Bright	zS	477	SupplierStandard	266
103102404270079	24	1,960	Galvanized	sZ	477	SupplierStandard	266
103102403270079	24	1,960	Galvanized	zS	477	SupplierStandard	266
103102404100079	24	2,160	Bright	sZ	518	SupplierStandard	266
103102403100079	24	2,160	Bright	zS	518	SupplierStandard	266
103102404300079	24	2,160	Galvanized	sZ	518	SupplierStandard	266
103102403300079	24	2,160	Galvanized	zS	518	SupplierStandard	266
103102504070079	25	1,960	Bright	sZ	512	SupplierStandard	280
103102503070079	25	1,960	Bright	zS	512	SupplierStandard	280
103102504270079	25	1,960	Galvanized	sZ	512	SupplierStandard	280
103102503270079	25	1,960	Galvanized	zS	512	SupplierStandard	280
103102504100079	25	2,160	Bright	sZ	546	SupplierStandard	280
103102503100079	25	2,160	Bright	zS	546	SupplierStandard	280
103102504300079	25	2,160	Galvanized	sZ	546	SupplierStandard	280
103102503300079	25	2,160	Galvanized	zS	546	SupplierStandard	280
103102604070079	26	1,960	Bright	sZ	559	SupplierStandard	313
103102603070079	26	1,960	Bright	zS	559	SupplierStandard	313
103102604270079	26	1,960	Galvanized	sZ	559	SupplierStandard	313
103102603270079	26	1,960	Galvanized	zS	559	SupplierStandard	313
103102604100079	26	2,160	Bright	sZ	607	SupplierStandard	313
103102603100079	26	2,160	Bright	zS	607	SupplierStandard	313
103102604300079	26	2,160	Galvanized	sZ	607	SupplierStandard	313
103102603300079	26	2,160	Galvanized	zS	607	SupplierStandard	313
103102804070079	28	1,960	Bright	sZ	649	SupplierStandard	359
103102803070079	28	1,960	Bright	zS	649	SupplierStandard	359
103102804270079	28	1,960	Galvanized	sZ	649	SupplierStandard	359
103102803270079	28	1,960	Galvanized	zS	649	SupplierStandard	359

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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
103102804100079	28	2,160	Bright	sZ	704	SupplierStandard	359
103102803100079	28	2,160	Bright	zS	704	SupplierStandard	359
103102804300079	28	2,160	Galvanized	sZ	704	SupplierStandard	359
103102803300079	28	2,160	Galvanized	zS	704	SupplierStandard	359
103103004070079	30	1,960	Bright	sZ	745	SupplierStandard	414
103103003070079	30	1,960	Bright	zS	745	SupplierStandard	414
103103004270079	30	1,960	Galvanized	sZ	745	SupplierStandard	414
103103003270079	30	1,960	Galvanized	zS	745	SupplierStandard	414
103103004100079	30	2,160	Bright	sZ	809	SupplierStandard	414
103103003100079	30	2,160	Bright	zS	809	SupplierStandard	414
103103004300079	30	2,160	Galvanized	sZ	809	SupplierStandard	414
103103003300079	30	2,160	Galvanized	zS	809	SupplierStandard	414
103103204070079	32	1,960	Bright	sZ	847	SupplierStandard	469
103103203070079	32	1,960	Bright	zS	847	SupplierStandard	469
103103204270079	32	1,960	Galvanized	sZ	847	SupplierStandard	469
103103203270079	32	1,960	Galvanized	zS	847	SupplierStandard	469
103103204100079	32	2,160	Bright	sZ	920	SupplierStandard	469
103103203100079	32	2,160	Bright	zS	920	SupplierStandard	469
103103204300079	32	2,160	Galvanized	sZ	920	SupplierStandard	469
103103203300079	32	2,160	Galvanized	zS	920	SupplierStandard	469
103103404070079	34	1,960	Bright	sZ	957	SupplierStandard	509
103103403070079	34	1,960	Bright	zS	957	SupplierStandard	509
103103404270079	34	1,960	Galvanized	sZ	957	SupplierStandard	509
103103403270079	34	1,960	Galvanized	zS	957	SupplierStandard	509
103103404100079	34	2,160	Bright	sZ	1,039	SupplierStandard	509
103103403100079	34	2,160	Bright	zS	1,039	SupplierStandard	509
103103404300079	34	2,160	Galvanized	sZ	1,039	SupplierStandard	509
103103403300079	34	2,160	Galvanized	zS	1,039	SupplierStandard	509
103103604070079	36	1,960	Bright	sZ	1,073	SupplierStandard	592
103103603070079	36	1,960	Bright	zS	1,073	SupplierStandard	592
103103604270079	36	1,960	Galvanized	sZ	1,073	SupplierStandard	592

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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
103103603270079	36	1,960	Galvanized	zS	1,073	SupplierStandard	592
103103604100079	36	2,160	Bright	sZ	1,164	SupplierStandard	592
103103603100079	36	2,160	Bright	zS	1,164	SupplierStandard	592
103103604300079	36	2,160	Galvanized	sZ	1,164	SupplierStandard	592
103103603300079	36	2,160	Galvanized	zS	1,164	SupplierStandard	592
103103804070079	38	1,960	Bright	sZ	1,195	SupplierStandard	643
103103803070079	38	1,960	Bright	zS	1,195	SupplierStandard	643
103103804270079	38	1,960	Galvanized	sZ	1,195	SupplierStandard	643
103103803270079	38	1,960	Galvanized	zS	1,195	SupplierStandard	643
103103804100079	38	2,160	Bright	sZ	1,297	SupplierStandard	643
103103803100079	38	2,160	Bright	zS	1,297	SupplierStandard	643
103103804300079	38	2,160	Galvanized	sZ	1,297	SupplierStandard	643
103103803300079	38	2,160	Galvanized	zS	1,297	SupplierStandard	643
103104004070079	40	1,960	Bright	sZ	1,324	SupplierStandard	715
103104003070079	40	1,960	Bright	zS	1,324	SupplierStandard	715
103104004270079	40	1,960	Galvanized	sZ	1,324	SupplierStandard	715
103104003270079	40	1,960	Galvanized	zS	1,324	SupplierStandard	715
103104004100079	40	2,160	Bright	sZ	1,438	SupplierStandard	715
103104003100079	40	2,160	Bright	zS	1,438	SupplierStandard	715
103104004300079	40	2,160	Galvanized	sZ	1,438	SupplierStandard	715
103104003300079	40	2,160	Galvanized	zS	1,438	SupplierStandard	715
103104204070079	42	1,960	Bright	sZ	1,460	SupplierStandard	791

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