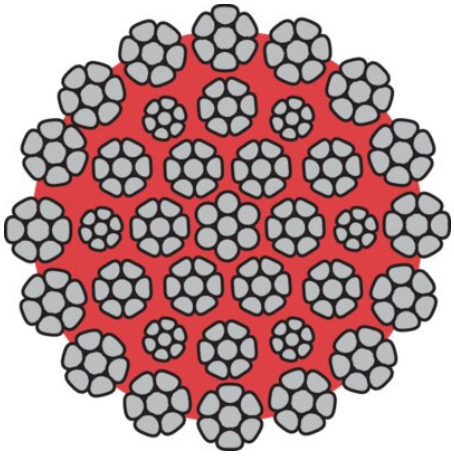
Lifting Solutions Group
Axel Johnson International

Bridon® Dyform® 34LR-PI Steel Wire Rope

Product information



Very Low Rotation.

Superior bending fatigue life when compared with conventional low rotation ropes.

Excellent resistance to crushing and abrasion particularly on multi layer drums resulting from the compacted 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:

- **10-40 mm** RCN.23-2
- **42-76mm** RCN.31

... *Read more*

Features: Extremely strong low rotation Crane Hoist Rope.
Material: High Carbon Steel
Marking: According to standard, CE-mark, On Termination ID
Finish: Galvanised or Ungalvanised
Standard: EN 12385-4

Fill factor: 0.76
RCN: 23-2

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Bridon® Dyform® 34LR-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
104101006070059	10	1,960	Bright	zZ	90.8	SupplierStandard	51.4
104101005070059	10	1,960	Bright	sS	90.8	SupplierStandard	51.4
104101006270059	10	1,960	Galvanized	zZ	90.8	SupplierStandard	51.4
104101005270059	10	1,960	Galvanized	sS	90.8	SupplierStandard	51.4
104101006100059	10	2,160	Bright	zZ	95.3	SupplierStandard	51.4
104101005100059	10	2,160	Bright	sS	95.3	SupplierStandard	51.4
104101006300059	10	2,160	Galvanized	zZ	95.3	SupplierStandard	51.4
104101005300059	10	2,160	Galvanized	sS	95.3	SupplierStandard	51.4
104101106070059	11	1,960	Bright	zZ	109	SupplierStandard	61.7
104101105070059	11	1,960	Bright	sS	109	SupplierStandard	61.7
104101106270059	11	1,960	Galvanized	zZ	109	SupplierStandard	61.7
104101105270059	11	1,960	Galvanized	sS	109	SupplierStandard	61.7
104101106100059	11	2,160	Bright	zZ	115	SupplierStandard	61.7
104101105100059	11	2,160	Bright	sS	115	SupplierStandard	61.7
104101106300059	11	2,160	Galvanized	zZ	115	SupplierStandard	61.7
104101105300059	11	2,160	Galvanized	sS	115	SupplierStandard	61.7
104101206070059	12	1,960	Bright	zZ	130	SupplierStandard	72.9
104101205070059	12	1,960	Bright	sS	130	SupplierStandard	72.9
104101206270059	12	1,960	Galvanized	zZ	130	SupplierStandard	72.9
104101205270059	12	1,960	Galvanized	sS	130	SupplierStandard	72.9
104101206100059	12	2,160	Bright	zZ	137	SupplierStandard	72.9
104101205100059	12	2,160	Bright	sS	137	SupplierStandard	72.9
104101206300059	12	2,160	Galvanized	zZ	137	SupplierStandard	72.9
104101205300059	12	2,160	Galvanized	sS	137	SupplierStandard	72.9
104101306070059	13	1,960	Bright	zZ	153	SupplierStandard	84.6
104101305070059	13	1,960	Bright	sS	153	SupplierStandard	84.6
104101306270059	13	1,960	Galvanized	zZ	153	SupplierStandard	84.6
104101305270059	13	1,960	Galvanized	sS	153	SupplierStandard	84.6
104101306100059	13	2,160	Bright	zZ	161	SupplierStandard	84.6
104101305100059	13	2,160	Bright	sS	161	SupplierStandard	84.6
104101306300059	13	2,160	Galvanized	zZ	161	SupplierStandard	84.6

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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
104101305300059	13	2,160	Galvanized	sS	161	SupplierStandard	84.6
104101406070059	14	1,960	Bright	zZ	179	SupplierStandard	97.1
104101405070059	14	1,960	Bright	sS	179	SupplierStandard	97.1
104101406270059	14	1,960	Galvanized	zZ	179	SupplierStandard	97.1
104101405270059	14	1,960	Galvanized	sS	179	SupplierStandard	97.1
104101406100059	14	2,160	Bright	zZ	191	SupplierStandard	97.1
104101405100059	14	2,160	Bright	sS	191	SupplierStandard	97.1
104101406300059	14	2,160	Galvanized	zZ	191	SupplierStandard	97.1
104101405300059	14	2,160	Galvanized	sS	191	SupplierStandard	97.1
104101506070059	15	1,960	Bright	zZ	204	SupplierStandard	114
104101505070059	15	1,960	Bright	sS	204	SupplierStandard	114
104101506270059	15	1,960	Galvanized	zZ	204	SupplierStandard	114
104101505270059	15	1,960	Galvanized	sS	204	SupplierStandard	114
104101506100059	15	2,160	Bright	zZ	214	SupplierStandard	114
104101505100059	15	2,160	Bright	sS	214	SupplierStandard	114
104101506300059	15	2,160	Galvanized	zZ	214	SupplierStandard	114
104101505300059	15	2,160	Galvanized	sS	214	SupplierStandard	114
104101606070059	16	1,960	Bright	zZ	232	SupplierStandard	130
104101605070059	16	1,960	Bright	sS	232	SupplierStandard	130
104101606270059	16	1,960	Galvanized	zZ	232	SupplierStandard	130
104101605270059	16	1,960	Galvanized	sS	232	SupplierStandard	130
104101606100059	16	2,160	Bright	zZ	251	SupplierStandard	130
104101605100059	16	2,160	Bright	sS	251	SupplierStandard	130
104101606300059	16	2,160	Galvanized	zZ	251	SupplierStandard	130
104101605300059	16	2,160	Galvanized	sS	251	SupplierStandard	130
104101706070059	17	1,960	Bright	zZ	262	SupplierStandard	140
104101705070059	17	1,960	Bright	sS	262	SupplierStandard	140
104101706270059	17	1,960	Galvanized	zZ	262	SupplierStandard	140
104101705270059	17	1,960	Galvanized	sS	262	SupplierStandard	140
104101706100059	17	2,160	Bright	zZ	275	SupplierStandard	140
104101705100059	17	2,160	Bright	sS	275	SupplierStandard	140

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Bridon® Dyform® 34LR-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
104101706300059	17	2,160	Galvanized	zZ	275	SupplierStandard	140
104101705300059	17	2,160	Galvanized	sS	275	SupplierStandard	140
104101806070059	18	1,960	Bright	zZ	298	SupplierStandard	159
104101805070059	18	1,960	Bright	sS	298	SupplierStandard	159
104101806270059	18	1,960	Galvanized	zZ	298	SupplierStandard	159
104101805270059	18	1,960	Galvanized	sS	298	SupplierStandard	159
104101806100059	18	2,160	Bright	zZ	319	SupplierStandard	159
104101805100059	18	2,160	Bright	sS	319	SupplierStandard	159
104101806300059	18	2,160	Galvanized	zZ	319	SupplierStandard	159
104101805300059	18	2,160	Galvanized	sS	319	SupplierStandard	159
104101906070059	19	1,960	Bright	zZ	331	SupplierStandard	178
104101905070059	19	1,960	Bright	sS	331	SupplierStandard	178
104101906270059	19	1,960	Galvanized	zZ	331	SupplierStandard	178
104101905270059	19	1,960	Galvanized	sS	331	SupplierStandard	178
104101906100059	19	2,160	Bright	zZ	356	SupplierStandard	178
104101905100059	19	2,160	Bright	sS	356	SupplierStandard	178
104101906300059	19	2,160	Galvanized	zZ	356	SupplierStandard	178
104101905300059	19	2,160	Galvanized	sS	356	SupplierStandard	178
104102006070059	20	1,960	Bright	zZ	370	SupplierStandard	197
104102005070059	20	1,960	Bright	sS	370	SupplierStandard	197
104102006270059	20	1,960	Galvanized	zZ	370	SupplierStandard	197
104102005270059	20	1,960	Galvanized	sS	370	SupplierStandard	197
104102006100059	20	2,160	Bright	zZ	397	SupplierStandard	197
104102005100059	20	2,160	Bright	sS	397	SupplierStandard	197
104102006300059	20	2,160	Galvanized	zZ	397	SupplierStandard	197
104102005300059	20	2,160	Galvanized	sS	397	SupplierStandard	197
104102106070059	21	1,960	Bright	zZ	400	SupplierStandard	222
104102105070059	21	1,960	Bright	sS	400	SupplierStandard	222
104102106270059	21	1,960	Galvanized	zZ	400	SupplierStandard	222
104102105270059	21	1,960	Galvanized	sS	400	SupplierStandard	222
104102106100059	21	2,160	Bright	zZ	420	SupplierStandard	222

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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
104102105100059	21	2,160	Bright	sS	420	SupplierStandard	222
104102106300059	21	2,160	Galvanized	zZ	420	SupplierStandard	222
104102105300059	21	2,160	Galvanized	sS	420	SupplierStandard	222
104102206070059	22	1,960	Bright	zZ	442	SupplierStandard	240
104102205070059	22	1,960	Bright	sS	442	SupplierStandard	240
104102206270059	22	1,960	Galvanized	zZ	442	SupplierStandard	240
104102205270059	22	1,960	Galvanized	sS	442	SupplierStandard	240
104102206100059	22	2,160	Bright	zZ	482	SupplierStandard	240
104102205100059	22	2,160	Bright	sS	482	SupplierStandard	240
104102206300059	22	2,160	Galvanized	zZ	482	SupplierStandard	240
104102205300059	22	2,160	Galvanized	sS	482	SupplierStandard	240
104102306070059	23	1,960	Bright	zZ	480	SupplierStandard	261
104102305070059	23	1,960	Bright	sS	480	SupplierStandard	261
104102306270059	23	1,960	Galvanized	zZ	480	SupplierStandard	261
104102305270059	23	1,960	Galvanized	sS	480	SupplierStandard	261
104102306100059	23	2,160	Bright	zZ	504	SupplierStandard	261
104102305100059	23	2,160	Bright	sS	504	SupplierStandard	261
104102306300059	23	2,160	Galvanized	zZ	504	SupplierStandard	261
104102305300059	23	2,160	Galvanized	sS	504	SupplierStandard	261
104102406070059	24	1,960	Bright	zZ	528	SupplierStandard	286
104102405070059	24	1,960	Bright	sS	528	SupplierStandard	286
104102406270059	24	1,960	Galvanized	zZ	528	SupplierStandard	286
104102405270059	24	1,960	Galvanized	sS	528	SupplierStandard	286
104102406100059	24	2,160	Bright	zZ	569	SupplierStandard	286
104102405100059	24	2,160	Bright	sS	569	SupplierStandard	286
104102406300059	24	2,160	Galvanized	zZ	569	SupplierStandard	286
104102405300059	24	2,160	Galvanized	sS	569	SupplierStandard	286
104102506070059	25	1,960	Bright	zZ	568	SupplierStandard	312
104102505070059	25	1,960	Bright	sS	568	SupplierStandard	312
104102506270059	25	1,960	Galvanized	zZ	568	SupplierStandard	312
104102505270059	25	1,960	Galvanized	sS	568	SupplierStandard	312

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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
104102506100059	25	2,160	Bright	zZ	595	SupplierStandard	312
104102505100059	25	2,160	Bright	sS	595	SupplierStandard	312
104102506300059	25	2,160	Galvanized	zZ	595	SupplierStandard	312
104102505300059	25	2,160	Galvanized	sS	595	SupplierStandard	312
104102606070059	26	1,960	Bright	zZ	618	SupplierStandard	340
104102605070059	26	1,960	Bright	sS	618	SupplierStandard	340
104102606270059	26	1,960	Galvanized	zZ	618	SupplierStandard	340
104102606100059	26	2,160	Bright	zZ	660	SupplierStandard	340
104102605100059	26	2,160	Bright	sS	660	SupplierStandard	340
104102606300059	26	2,160	Galvanized	zZ	660	SupplierStandard	340
104102605300059	26	2,160	Galvanized	sS	660	SupplierStandard	340
104102706070059	27	1,960	Bright	zZ	662	SupplierStandard	356
104102705070059	27	1,960	Bright	sS	662	SupplierStandard	356
104102706270059	27	1,960	Galvanized	zZ	662	SupplierStandard	356
104102705270059	27	1,960	Galvanized	sS	662	SupplierStandard	356
104102706100059	27	2,160	Bright	zZ	694	SupplierStandard	356
104102705100059	27	2,160	Bright	sS	694	SupplierStandard	356
104102706300059	27	2,160	Galvanized	zZ	694	SupplierStandard	356
104102705300059	27	2,160	Galvanized	sS	694	SupplierStandard	356
104102806070059	28	1,960	Bright	zZ	712	SupplierStandard	391
104102805070059	28	1,960	Bright	sS	712	SupplierStandard	391
104102805270059	28	1,960	Galvanized	sS	712	SupplierStandard	391
104102806100059	28	2,160	Bright	zZ	758	SupplierStandard	391
104102805100059	28	2,160	Bright	sS	758	SupplierStandard	391
104102806300059	28	2,160	Galvanized	zZ	758	SupplierStandard	391
104102805300059	28	2,160	Galvanized	sS	758	SupplierStandard	391
104102906070059	29	1,960	Bright	zZ	764	SupplierStandard	425
104102905070059	29	1,960	Bright	sS	764	SupplierStandard	425
104102905270059	29	1,960	Galvanized	sS	764	SupplierStandard	425
104102906100059	29	2,160	Bright	zZ	801	SupplierStandard	425
104102905100059	29	2,160	Bright	sS	801	SupplierStandard	425

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Bridon® Dyform® 34LR-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
104102906300059	29	2,160	Galvanized	zZ	801	SupplierStandard	425
104102905300059	29	2,160	Galvanized	sS	801	SupplierStandard	425
104103006070059	30	1,960	Bright	zZ	823	SupplierStandard	445
104103005070059	30	1,960	Bright	sS	823	SupplierStandard	445
104103006270059	30	1,960	Galvanized	zZ	823	SupplierStandard	445
104103005270059	30	1,960	Galvanized	sS	823	SupplierStandard	445
104103006100059	30	2,160	Bright	zZ	857	SupplierStandard	445
104103005100059	30	2,160	Bright	sS	857	SupplierStandard	445
104103006300059	30	2,160	Galvanized	zZ	857	SupplierStandard	445
104103005300059	30	2,160	Galvanized	sS	857	SupplierStandard	445
104103206070059	32	1,960	Bright	zZ	919	SupplierStandard	505
104103205070059	32	1,960	Bright	sS	919	SupplierStandard	505
104103205270059	32	1,960	Galvanized	sS	919	SupplierStandard	505
104103206100059	32	2,160	Bright	zZ	1,008	SupplierStandard	505
104103205100059	32	2,160	Bright	sS	1,008	SupplierStandard	505
104103206300059	32	2,160	Galvanized	zZ	1,008	SupplierStandard	505
104103205300059	32	2,160	Galvanized	sS	1,008	SupplierStandard	505
104103406070059	34	1,960	Bright	zZ	1,050	SupplierStandard	574
104103405070059	34	1,960	Bright	sS	1,050	SupplierStandard	574
104103406270059	34	1,960	Galvanized	zZ	1,050	SupplierStandard	574
104103405270059	34	1,960	Galvanized	sS	1,050	SupplierStandard	574
104103406100059	34	2,160	Bright	zZ	1,151	SupplierStandard	574
104103405100059	34	2,160	Bright	sS	1,151	SupplierStandard	574
104103406300059	34	2,160	Galvanized	zZ	1,151	SupplierStandard	574
104103405300059	34	2,160	Galvanized	sS	1,151	SupplierStandard	574
104103506070059	35	1,960	Bright	zZ	1,110	SupplierStandard	602
104103505070059	35	1,960	Bright	sS	1,110	SupplierStandard	602
104103506270059	35	1,960	Galvanized	zZ	1,110	SupplierStandard	602
104103505270059	35	1,960	Galvanized	sS	1,110	SupplierStandard	602
104103506100059	35	2,160	Bright	zZ	1,214	SupplierStandard	602
104103505100059	35	2,160	Bright	sS	1,214	SupplierStandard	602

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Bridon® Dyform® 34LR-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
104103506300059	35	2,160	Galvanized	zZ	1,214	SupplierStandard	602
104103505300059	35	2,160	Galvanized	sS	1,214	SupplierStandard	602
104103606070059	36	1,960	Bright	zZ	1,170	SupplierStandard	644
104103605070059	36	1,960	Bright	sS	1,170	SupplierStandard	644
104103606270059	36	1,960	Galvanized	zZ	1,170	SupplierStandard	644
104103605270059	36	1,960	Galvanized	sS	1,170	SupplierStandard	644
104103606100059	36	2,160	Bright	zZ	1,287	SupplierStandard	644
104103605100059	36	2,160	Bright	sS	1,287	SupplierStandard	644
104103606300059	36	2,160	Galvanized	zZ	1,287	SupplierStandard	644
104103605300059	36	2,160	Galvanized	sS	1,287	SupplierStandard	644
104103806070059	38	1,960	Bright	zZ	1,310	SupplierStandard	712
104103805070059	38	1,960	Bright	sS	1,310	SupplierStandard	712
104103806270059	38	1,960	Galvanized	zZ	1,310	SupplierStandard	712
104103805270059	38	1,960	Galvanized	sS	1,310	SupplierStandard	712
104103806100059	38	2,160	Bright	zZ	1,444	SupplierStandard	712
104103805100059	38	2,160	Bright	sS	1,444	SupplierStandard	712
104103806300059	38	2,160	Galvanized	zZ	1,444	SupplierStandard	712
104103805300059	38	2,160	Galvanized	sS	1,444	SupplierStandard	712
104104006070059	40	1,960	Bright	zZ	1,450	SupplierStandard	807
104104005070059	40	1,960	Bright	sS	1,450	SupplierStandard	807
104104006270059	40	1,960	Galvanized	zZ	1,450	SupplierStandard	807
104104006100059	40	2,160	Bright	zZ	1,590	SupplierStandard	807
104104005100059	40	2,160	Bright	sS	1,590	SupplierStandard	807
104104006300059	40	2,160	Galvanized	zZ	1,590	SupplierStandard	807
104104005300059	40	2,160	Galvanized	sS	1,590	SupplierStandard	807
104104206070059	42	1,960	Bright	zZ	1,600	SupplierStandard	884
104104205070059	42	1,960	Bright	sS	1,600	SupplierStandard	884
104104205270059	42	1,960	Galvanized	sS	1,600	SupplierStandard	884
104104206100059	42	2,160	Bright	zZ	1,758	SupplierStandard	884
104104205100059	42	2,160	Bright	sS	1,758	SupplierStandard	884
104104206300059	42	2,160	Galvanized	zZ	1,758	SupplierStandard	884

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Bridon® Dyform® 34LR-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
104104205300059	42	2,160	Galvanized	sS	1,758	SupplierStandard	884
104104406070059	44	1,960	Bright	zZ	1,750	SupplierStandard	961
104104405070059	44	1,960	Bright	sS	1,750	SupplierStandard	961
104104406270059	44	1,960	Galvanized	zZ	1,750	SupplierStandard	961
104104405270059	44	1,960	Galvanized	sS	1,750	SupplierStandard	961
104104406100059	44	2,160	Bright	zZ	1,925	SupplierStandard	961
104104405100059	44	2,160	Bright	sS	1,925	SupplierStandard	961
104104406300059	44	2,160	Galvanized	zZ	1,925	SupplierStandard	961
104104405300059	44	2,160	Galvanized	sS	1,925	SupplierStandard	961
104104606070059	46	1,960	Bright	zZ	1,920	SupplierStandard	1,060
104104605070059	46	1,960	Bright	sS	1,920	SupplierStandard	1,060
104104606270059	46	1,960	Galvanized	zZ	1,920	SupplierStandard	1,060
104104605270059	46	1,960	Galvanized	sS	1,920	SupplierStandard	1,060
104104606100059	46	2,160	Bright	zZ	-	SupplierStandard	1,060
104104605100059	46	2,160	Bright	sS	-	SupplierStandard	1,060
104104606300059	46	2,160	Galvanized	zZ	-	SupplierStandard	1,060
104104605300059	46	2,160	Galvanized	sS	-	SupplierStandard	1,060
104104806070059	48	1,960	Bright	zZ	2,090	SupplierStandard	1,150
104104805070059	48	1,960	Bright	sS	2,090	SupplierStandard	1,150
104104806270059	48	1,960	Galvanized	zZ	2,090	SupplierStandard	1,150
104104805270059	48	1,960	Galvanized	sS	2,090	SupplierStandard	1,150
104104806100059	48	2,160	Bright	zZ	-	SupplierStandard	1,150
104104805100059	48	2,160	Bright	sS	-	SupplierStandard	1,150
104104806300059	48	2,160	Galvanized	zZ	-	SupplierStandard	1,150
104104805300059	48	2,160	Galvanized	sS	-	SupplierStandard	1,150
104105006070059	50	1,960	Bright	zZ	2,270	SupplierStandard	1,230
104105005070059	50	1,960	Bright	sS	2,270	SupplierStandard	1,230
104105006270059	50	1,960	Galvanized	zZ	2,270	SupplierStandard	1,230
104105005270059	50	1,960	Galvanized	sS	2,270	SupplierStandard	1,230
104105006100059	50	2,160	Bright	zZ	-	SupplierStandard	1,230
104105005100059	50	2,160	Bright	sS	-	SupplierStandard	1,230

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Lifting Solutions Group
Axel Johnson International

Bridon® Dyform® 34LR-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
104105006300059	50	2,160	Galvanized	zZ	-	SupplierStandard	1,230
104105005300059	50	2,160	Galvanized	sS	-	SupplierStandard	1,230

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