

# QuietLink™ II Compensation Cable

## METRIC CABLE AND INSTALLATION KITS

### Metric sizes

Part Number	Product Code	Cable Weight kg/m	Chain Trade Size (nom. ± 0.5) mm	Cable Nom. OD mm	Max. Hang Length meters	Nom. Loop Width mm
16-075-97	QL075	1.12	6.0	24	160	610
16-010-97	QL10	1.49	6.5	27	160	610
16-012-97	QL125	1.88	7.0	30	160	610
16-015-97	QL15	2.24	7.8	32	150	610
16-020-97	QL20	2.98	9.0	38	160	660
16-025-97	QL25	3.73	10	42	150	660
16-030-97	QL30	4.47	11	44	150	660
16-035-97	QL35	5.22	12	48	150	690
16-040-97	QL40	5.96	13	52	150	690



QuietLink II cable provides smooth operation at temperatures of -15° C to +60° C, and can be used for elevators with rated speeds of up to 3.5 m/sec. It is similar in construction to Whisper-Flex only without the metallic beads in the filler/jacket.

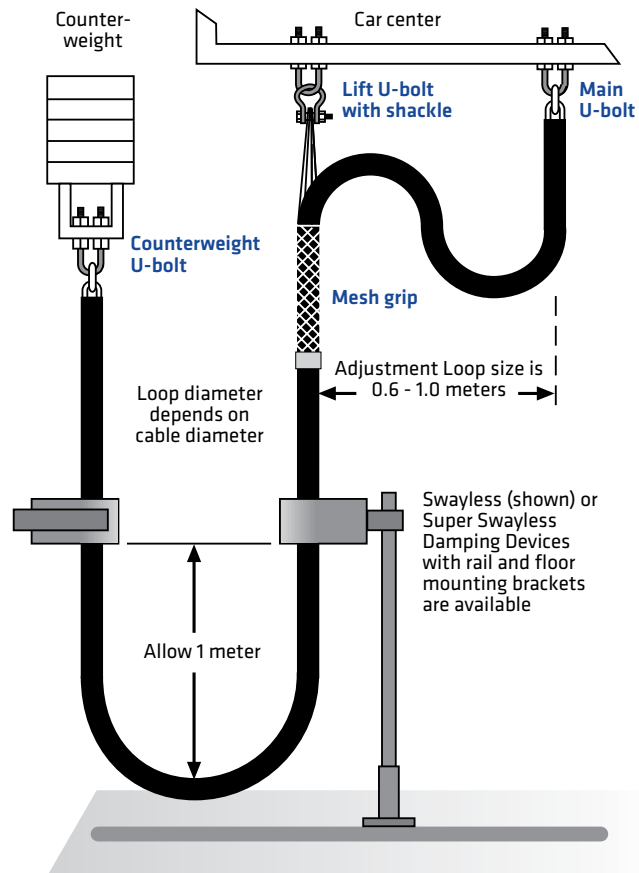
Support brackets, U-bolts, shackles, heavy-duty stainless steel grips and/or other devices should be used to ensure safe installations. See page 74 for details on this hardware.

Draka Elevator damping devices are recommended to minimize cable sway for car speeds above 1.78 m/sec. See pages 75 - 76 for information on these devices.

This diagram shows the approximate placement of components for a QuietLink II cable installation (similar to those in the Whisper-Flex Installation Guide). Refer to the Compensation Cable Installation Guide for exact instructions on installation procedures.

Draka Elevator can help you determine which size of QuietLink II cable to use. Call your regional representative and have the following information ready:

- 1) number of hoist ropes per car
- 2) outer diameter of the hoist ropes
- 3) stranding of the hoist ropes (i.e. 8x19, 8x25...)
- 4) car roping (i.e. 1:1, 2:1, other...)
- 5) number of QuietLink II cables per car
- 6) length of QuietLink II cable needed



### QLII Installation kits for QuietLink II cables (metric components)

Part Number	For Use on Cable	U-Bolt Part No.	Shackle Part No.	Mesh Grip Part No.	Max. Hang Length
IQL10	QL075 & QL10	U-M6	SH-M8	XG04-001	160 m
IQL15	QL125 & QL15	U-M8	SH-M10	XG04-002	130 m
IQL20	QL20	U-M10	SH-M10	XG04-002	160 m
IQL30	QL25 & 30	U-M12	SH-M12	XG04-003	180 m
IQL40	QL35 & 40	U-M14	SH-M14	XG04-004	150 m

These components are specifically designed for the installation of metric compensation cables.

# Easy-Balance™ Compensation Cable

## METRIC CABLE AND INSTALLATION KITS

### Easy-Balance™ chain

Part Number	Product Code	Chain Weight kg/m	Chain Trade Size (nom. ± 0.5) mm	Chain Nom. OD mm	Max. Hang Length meters	Nom. Loop Width mm
17-050-97	EB050	0.88	6.0	21	180	280
17-075-97	EB075	1.12	7.0	26	180	280
17-010-97	EB10	1.49	8.0	29	180	300
17-125-97	EB125	1.88	9.0	32	180	300
17-015-97	EB15	2.24	10	36	180	300
17-020-97	EB20	2.98	11	39	180	300
17-025-97	EB25	3.73	13	46	180	300
17-030-97	EB30	4.47	14	50	180	320
17-035-97	EB35	5.22	15	53	180	320
17-040-97	EB40	5.96	16	56	180	320

Easy-Balance chain provides quiet operation at temperatures of -15° C to +60° C, and can be used for elevators with rated speeds of up to 1.75 m/sec. Low carbon chain is coated with a flexible layer of PVC for quiet operation.

No shallow pit kits or special hardware (other than the recommended U-bolts - see page 74) are required with Easy-Balance compensation chain. Damping devices are not needed.

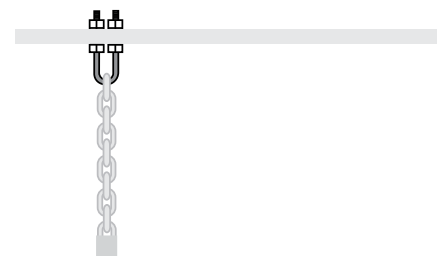


Wire Rope, Compensation and Accessories

### IEB installation kits for chain compensation

Part Number	For Use on Easy-Balance	U-Bolt Part No.
IEB050	EB050	U-M6
IEB075	EB075	U-M8
IEB125	EB10, EB125	U-M10
IEB20	EB15, EB20	U-M12
IEB40	WF-BS014	U-M14

IEB installation kits contain two U-bolts, nuts and washers.

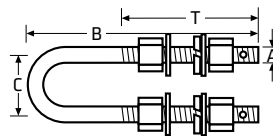


# Metric Compensation Cable/Chain Hardware

DESIGNED SPECIFICALLY FOR QUIETLINK II AND EASY-BALANCE

## Steel U-bolt

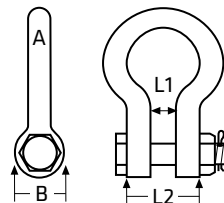
Part Number	For use on Cables	Dim. A mm	Dim. B mm	Dim. C mm	Dim. T mm	Pin Diameter mm	Min. Breaking Strength (kN)
U-M6	EB050	6.0	120	50	75	1.6	13.818
U-M8	EB075	8.0	120	50	75	2.0	22.246
U-M10	EB10 EB125	10	120	50	75	3.2	36.701
U-M12	EB15 EB20	12	120	50	75	4.0	57.183
U-M14	EB25, EB30, EB35, EB40	14	120	50	75	4.0	74.725



The U-bolt comes with all nuts, washers and cotter pins.

## Steel shackle for QuietLink II

Part Number	For use on Cables	Bolt Size mm	Pin mm	Dim. L1 mm	Dim. L2 mm	Dim. A mm	Dim. B mm	Min. Breaking Strength (kN)
SH-M8	QL075 QL10 QL125	M8 x 45	2.0 x 20	12.5	28.5	12	23	22.246
SH-M10	QL15 QL20	M10 x 50	2.5 x 20	12.5	28.5	12	23	36.701
SH-M12	QL25 QL30	M12 x 50	3.2 x 20	12.5	28.5	12	23	57.183
SH-M14	QL35 QL40	M14 x 60	3.2 x 20	18.0	36.0	16	27	74.725



The steel shackle cannot be ordered separately.

## Stainless steel mesh grip - Double eye/double weave/closed mesh

Part Number	For use on Cables	Nom. Overall Length in • mm	Min. Breaking Load (kN)
XG04-001	QL075 & 10	710	16
XG04-002	QL15 & 20	710	37
XG04-003	QL25 & 30	710	45
XG04-004	QL35 & 40	710	63

These components are specifically designed for the installation of metric compensation cables.

