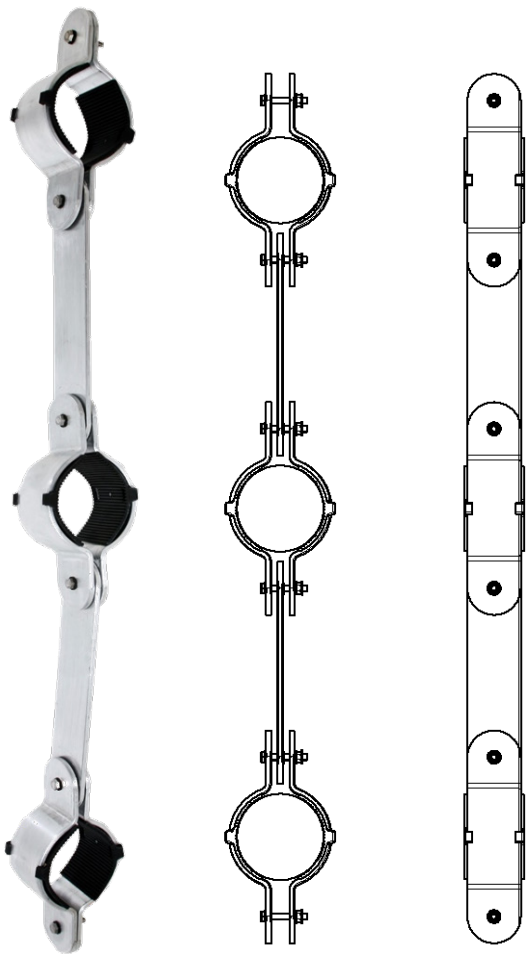


## CENTAUR INTERMEDIATE STRAP

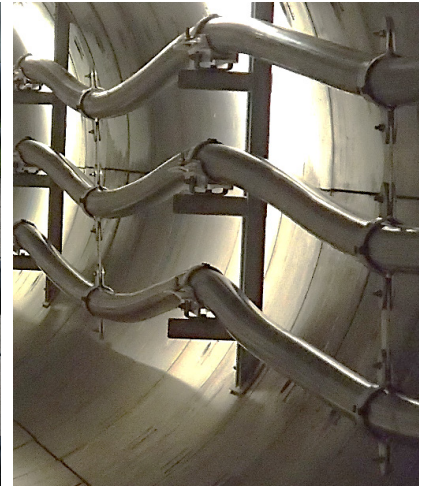
- DESIGNED TO RESTRAIN CABLES DURING A SHORT CIRCUIT FAULT AND MAINTAIN PHASE SPACING UNDER NORMAL OPERATING CONDITIONS
- MANUFACTURED IN 6000 SERIES ALUMINIUM
- TYPICAL SIZES RANGE FROM  $\phi 100$  -  $\phi 162$ MM HOWEVER SPECIALS CAN BE PROVIDED ON REQUEST
- EACH CLAMP CAN PIVOT ABOUT THE JOINING BAR TO ACCOMMODATE FOR DIFFERENTIAL CABLE MOVEMENT  
FIXED VERSIONS CAN BE SUPPLIED ON REQUEST
- SHORT CIRCUIT TESTED BASED ON IEC 61914



TYPICAL INSTALLATION, PHOTO TAKEN AT A SHORT CIRCUIT TESTING EVENT AT KEMA LAB, ARNHEM NL



BALFOUR BEATTY - POWER TRANSMISSION AND DISTRIBUTION ON THE LONDON POWER TUNNELS



SPECIAL VERSIONS CAN BE SUPPLIED ON REQUEST



### SHORT CIRCUIT TESTING

CENTAUR INTERMEDIATE STRAP HAS BEEN SHORT CIRCUIT TESTED TO THE FOLLOWING PARAMETERS, CONSULT TEST REPORT NUMBER KEMA 313-08 FOR MORE DETAIL:

- CABLE =  $\phi 140$ mm
- CENTAUR SADDLES EVERY 8.4m WITH INTERMEDIATE STRAPS AT MIDPOINTS
- PEAK CURRENT = 163KA

This data sheet is subject to change without notice. The information provided has been generated in laboratory conditions, as such results in use may vary.

## TESTING SUMMARY

Centaur cable saddles have been tested in line with the International Standard 'Cable Cleats for Electrical Installations' As IEC 61914 is part of the low voltage directive it is not possible to follow the standard exactly and thus deviations have been made in areas. Typical results are detailed below, please note that these testing values are maximums and safety factors appropriate to your application should be used:

PROPERTY	CLASSIFICATION CLAUSE IEC 61914	UNITS / CLASSIFICATION	TEST DATA
CLEAT TYPE	6.1.3	COMPOSITE	-
TEMP. FOR PERMANENT APPLICATION	6.2	°C	-40 - 60
UV RESISTANCE	6.5.1.2	UV RESISTANT	METALLIC FRAME SHIELDS ALL POLYMER COMPONENTS.
CORROSION RESISTANCE	6.5.2.2	REFER TO ELLIS	-
IMPACT RATING	6.3.5	VERY HEAVY	PASS
FLAME PROPAGATION TEST	10.0, 10.1	APPLICATION TIME $\geq 30s$	PASS
AXIAL LOAD RATING	6.4.3, 9.4	NEWTONS (N)	REFER TO ELLIS
LATERAL LOAD RATING	6.4.2, 9.3	NEWTONS (N)	REFER TO ELLIS
RESISTANCE TO ELECTROMECHANICAL FORCE (SHORT CIRCUIT TESTING)	6.4, 6.4.4, 9.5	CENTAUR CLEATS AT 8.4M WITH STRAPS AT MIDPOINTS	163kA (REPORT No. KEMA-313-08)  CABLE = $\varnothing 140mm$

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