

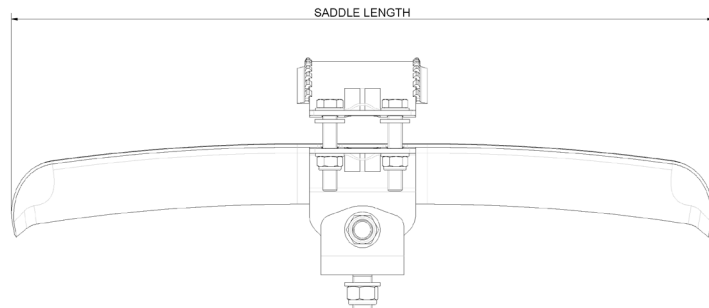
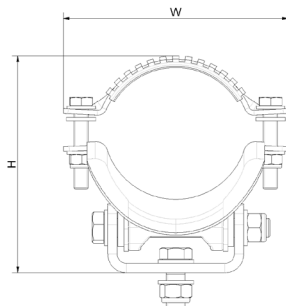
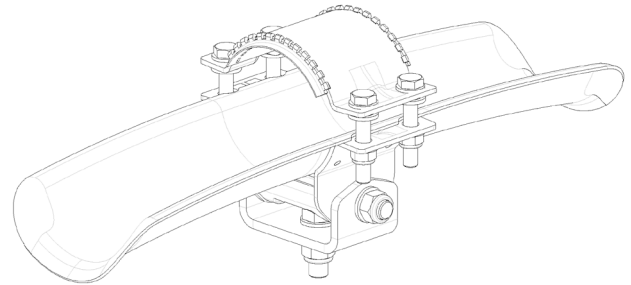
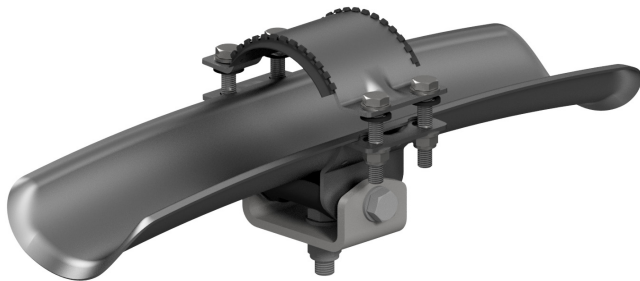
ELLIS

Holding Power

DATA SHEET

CENTAUR[®]+ SADDLE

- Heavy duty cable saddle for single cable formation
- Specially designed curved saddle for High Voltage, sagged cable systems
- Curved saddle accommodates cable thermal expansion and sag
- Pivoting base mount allows for greater installation flexibility.
- Cable range of Ø85mm – Ø152mm (non-standard sizes available on request)
- Available in standard length 600mm. Non-standard lengths available on request
- 316L Stainless steel saddle and over strap construction.
- Galvanized steel pivot base and base fixings to match support structure
- Low Smoke and Fume Zero Halogen (LSF0H), Phosphorus Free polymeric liner, incorporated into the over-strap, for increased cable protection
- Designed, tested and manufactured in accordance with IEC 61914



Part Number	Cable Range (mm)		Dimensions (Max) (mm)			
	Min Ø	Max Ø	W	H	Saddle Length	Base Fixing
CS+1-600-4	85	107	175	176	600	1 x M16
CS+2-600-4	100	122	190	191	600	1 x M16
CS+3-600-4	115	137	205	206	600	1 x M16
CS+4-600-4	130	152	220	221	600	1 x M16

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	Refer to Ellis
UV Resistance	6.5.1.2	UV Resistant	Refer to Ellis
Corrosion Resistance	6.5.2.2		Refer to Ellis
Impact Rating	6.3.5	Very Heavy	Pass
Flame Propagation Test	10.0, 10.1	Refer to Ellis	Refer to Ellis
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	Spaced at 7m with intermediate strap at 3.5m. Vertical orientation.	168kA Cat. 2 (Report #260218-1007) CABLE OD= Ø102mm Phase Separation =350mm
Resistance to Electromechanical Force (Short circuit testing)	6.4, 6.4.4, 9.5	Spaced at 7m with intermediate strap at 3.5m. Horizontal orientation.	153kA Cat. 2 (Report #260217-1007) CABLE OD= Ø102mm Phase Separation =350mm
Resistance to Electromechanical Force (Short circuit testing)	6.4, 6.4.4, 9.5	Spaced at 7m with intermediate strap at 3.5m. Spaced Trefoil orientation.	154kA Cat. 2 (Report #260218-1004) CABLE OD= Ø102mm Phase Separation =350mm