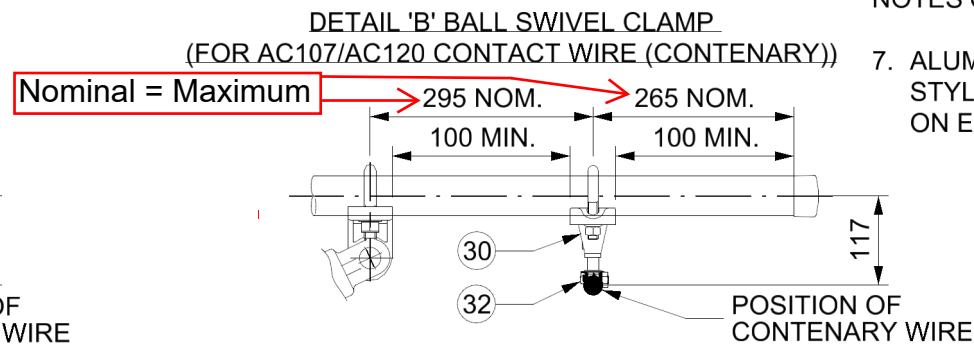
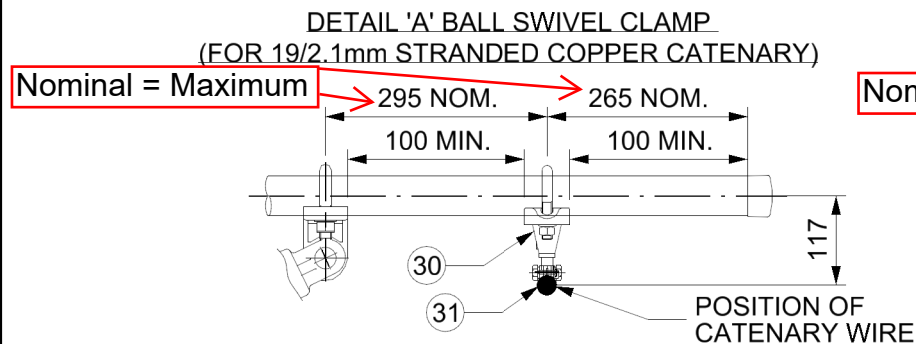
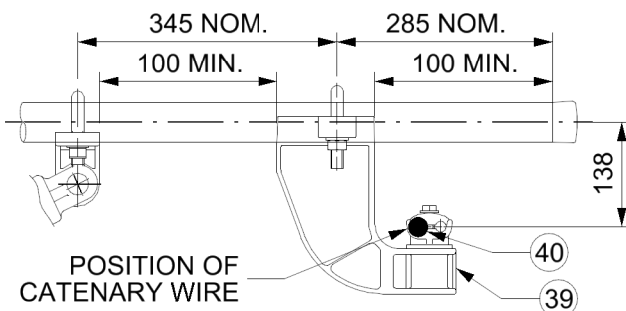




NOTES CONTINUED:

7. ALUMINIUM (AWAC) CATENARY CLAMP STYLE (4MN) IS FOR RETROSPECTIVE FIT ON EXISTING Mk3 AREAS ONLY.

DETAIL 'C' CATENARY WIRE SUPPORT CLAMP
PULL OFF
(FOR ALUMINIUM (AWAC) 5/2/3.95mm CATENARY)



DETAIL 'D' CATENARY WIRE SUPPORT CLAMP
PUSH OFF
(FOR ALUMINIUM (AWAC) 5/2/3.95mm CATENARY)

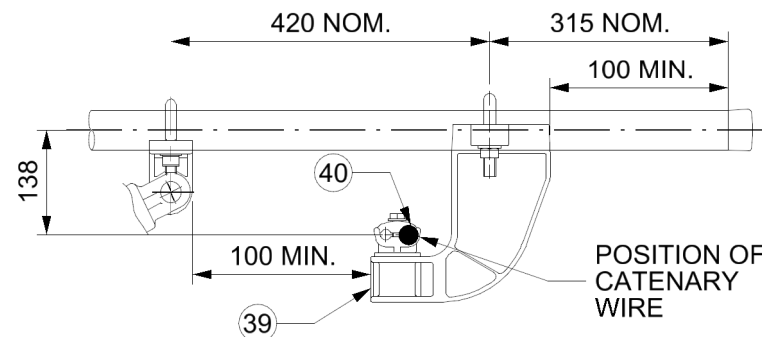


TABLE 3 - CATENARY CLAMP ALLOCATION

CATENARY TYPE	ITEM No.			30	31	32	39	40
	COMPONENT			001	001	001	8WL2027-0B	001
	Ref. No.			K06	G84	B05		B94
	ASSEMBLY			C22	C21	C23	8WL2027-0B	C21
NOT FOR FUTURE ALLOCATION	C99	T02	0MN	-	-	-	-	-
NOT FOR FUTURE ALLOCATION	C99	T02	1MN	-	-	-	-	-
19/2.1mm STRANDED COPPER CATENARY	C99	T02	2MN	1	1	-	-	-
AC107/AC120 CONTACT WIRE (CONTENARY)	C99	T02	3MN	1	-	1	-	-
ALUMINIUM (AWAC) 5/2/3.95mm CATENARY	C99	T02	4MN	-	-	-	1	1

SEE NOTE 6

SEE NOTE 7

TABLE 5 - REGISTRATION
ALLOCATION

REGISTRATION ARM (mm)	ITEM No.			25	26	27	41	42	43	44
	COMPONENT			8WL3500-3A	8WL3500-3D	8WL3500-3G	8WL3500-8L	8WL3500-8N	8WL3500-8T	8WL3500-8U
	Ref. No.									
	ASSEMBLY									
900 STRAIGHT	C99	T02	LM1	1	-	-	-	-	-	-
1100 STRAIGHT	C99	T02	LM2	-	1	-	-	-	-	-
1300 STRAIGHT	C99	T02	LM3	-	-	1	-	-	-	-
1000 ANGLED	C99	T02	LM4	-	-	-	1	-	-	-
1150 ANGLED	C99	T02	LM5	-	-	-	-	1	-	-
1350 ANGLED	C99	T02	LM6	-	-	-	-	-	1	-
1450 ANGLED	C99	T02	LM7	-	-	-	-	-	-	1

SEE NOTE 4

Minimum reach values not provided on drawings

TABLE 4 - FRAME ALLOCATION

ENCUMBRANCE (mm)	PULL OFF/ PUSH OFF	MAX. RADIAL LOAD (N)	MAX. REACH (mm)	TUBE SIZES (mm)					ITEM No.	COMPONENT Ref. No.	ASSEMBLY Ref. No.	2	4	7	9	33	34	35	36	37	38
				TOP TUBE	STRUT TUBE	REG. TUBE	NOSE TUBE	BRACE				8WL2115-1	996	8WL2184-3	8WL3078-2A	035	165	8WL2114-1A	8WL2244-0	8WL2217-0	8WL2121-5
1800 - 855	PULL OFF	1200 N	3710	55	55	55	55	-	C99	T02	L0N	4	925	2	2	1	-	1	1	-	4
		3000 N	5060	55	55	55	55	55	C99	T02	L1N	6	1460	2	2	1	-	1	1	-	6
	PUSH OFF	1200 N	3710	55	55	55	55	-	C99	T02	L2N	4	1230	2	2	1	-	1	1	-	4
		3000 N	5060	55	55	55	55	55	C99	T02	L3N	6	1730	2	2	1	-	1	1	-	6
1500 - 600	PULL OFF	1200 N	3710	55	55	55	55	-	C99	T02	L4N	1	655	1	2	-	1	1	-	2	1
		3000 N	5060	55	55	55	55	55	C99	T02	L5N	3	1235	1	2	-	1	1	-	2	3

NOTES:

- ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
- FOR ASSEMBLY DETAILS AND GENERAL NOTES SEE SHEET 1 & 2.
- ALLOCATION REFERENCE IS IN THE FORM OF THE 2ND & 3RD REFERENCES IN THE DRAWING NUMBER AND THE STYLE 'LMN' WHERE 'L' IS FROM TABLE 3, 'M' FROM TABLE 4 AND 'N' FROM TABLE 5.
E.G. C99/T02/301 IS A 855mm - 1800mm ENCUMBRANCE PULL OFF CANTILEVER FOR A AC107/AC120 CONTENARY WITH A 900mm STRAIGHT REGISTRATION ARM, 3710mm MAXIMUM REACH AND A MAXIMUM RADIAL LOAD OF 1200N.
- FOR CANTILEVER NOMENCLATURE REFER TO DETAIL 'E' CONTAINED WITHIN UKMS DRAWING MS/C99/T01/A3.
- ITEM NUMBERS CONTAINED WITHIN TABLES 3, 4 & 5 ARE COMPATIBLE WITH NOT FOR FUTURE ALLOCATION ASSEMBLY STYLES, REFER TO TABLES 1 & 2 ON SHEET 5.
- FOR PREVIOUS REVISIONS OF DRAWING AND NOT FOR FUTURE ALLOCATION STYLES (0MN & 1MN) REFER TO SHEETS 4 & 5.

02	05/11/21	R01 DETAILS MOVED TO NEW SHEET 5.	TM	MP	HP
Rev	Date	Description of Revisions	Drawn	Chkd	Appr
Status					

APPROVED



Chief Mechanical and Electrical Engineer
The Quadrant:MK,
Elder Gate,
Milton Keynes, MK9 1EN

Project

UK MASTER SERIES

Drawing Title

STANDARD OPEN ROUTE
CANTILEVER ASSEMBLY
ENCUMBRANCE 855mm - 1800mm
(PULL OFF 600mm - 1800mm)
(CATENARY/CONTENARY BELOW TOP TUBE)

Designed	J.FISHER	Signed	JF	Date	09/07/21
Drawn	T.MAULE	Signed	TM	Date	09/07/21
Checked	M.POWER	Signed	MP	Date	16/07/21
Approved	H.PASCALL	Signed	HP	Date	05/11/21

Scale(s) 1:10

Alternative Reference Sheet 03 of 05

Drawing Number MS/C99/T02/A3 Revision 02