

IFF Top rails provide a versatile selection of profiles, lengths and radius curves to suit all studio sizes. The three profiles available provide for curtain and cyclorama systems using the Type 50, smaller/lightweight applications using the Type 60 and for larger/heavy duty applications we have the Type 80.

QUICK SELECTION GUIDE

PRODUCT	CODE	DESCRIPTION	APPLICATION	DATAS	PAGE
	FF5003	Rail 50 length 3000mm - 118 1/8"		 5,40kg/11,90lb  0,0078m/0,276ft  5,40kg/11,90lb	1.30
	FF5004	Rail 50 length 4000mm - 157 15/32"		 7,20kg/15,87lb  0,01m/0,353ft  7,20kg/15,87lb	1.30
	FF5005	Rail 50 length 5000mm - 196 27/32"		 9,00kg/19,84lb  0,013m/0,459ft  9,00kg/19,84lb	1.30
	FF6003	Rail 60 length 3000mm - 118 1/8"		 4,20kg/9,26lb  0,0063m/0,222ft  4,20kg/9,26lb	1.50
	FF6004	Rail 60 length 4000mm - 157 15/32"		 5,60kg/12,35lb  0,0084m/0,296ft  5,60kg/12,35lb	1.50
	FF6005	Rail 60 length 5000mm - 196 27/32"		 7,00kg/15,43lb  0,01m/0,353ft  7,00kg/15,43lb	1.50
	FF8003	Rail 80 length 3000mm - 118 1/8"		 7,50kg/16,53lb  0,012m/0,039ft  7,5kg/16,53lb	1.70
	FF8004	Rail 80 length 4000mm - 157 15/32"		 10,00kg/22,05lb  0,016m/0,052ft  10,00kg/22,05lb	1.70
	FF8005	Rail 80 length 5000mm - 196 27/32"		 12,50kg/27,56lb  0,02m/0,066ft  12,50kg/27,56lb	1.70
	FF50R135	Rail 50 curved 90° radius 1350mm - 53 5/32"		 3,82kg/8,4lb  0,04m/1,41ft  3,82kg/8,4lb	1.90
	FF50R150	Rail 50 curved 90° radius 1500mm - 59 1/16"		 4,25kg/9,36lb  0,05m/1,77ft  4,25kg/9,36lb	1.90
	FF50R165	Rail 50 curved 90° radius 1650mm - 64 31/32"		 4,67kg/10,3lb  0,06m/2,12ft  4,67kg/10,3lb	1.90
	FF50R180	Rail 50 curved 90° radius 1800mm - 70 7/8"		 5,10kg/11,23lb  0,071m/2,5ft  5,10kg/11,23lb	1.90
	FF50R195	Rail 50 curved 90° radius 1950mm - 76 25/32"		 5,52kg/12,16lb  0,083m/2,93ft  5,52kg/12,16lb	1.90
	FF50R210	Rail 50 curved 90° radius 2100mm - 82 11/16"		 5,94kg/13,105lb  0,097m/3,42ft  5,94kg/13,105lb	1.90
	FF50R225	Rail 50 curved 90° radius 2250mm - 88 19/32"		 6,37kg/14,041lb  0,111m/3,91ft  6,37kg/14,041lb	1.90
	FF50R240	Rail 50 curved 90° radius 2400mm - 94 1/2"		 6,79kg/14,97lb  0,126m/4,496ft  6,79kg/14,97lb	1.90
	FF50R255	Rail 50 curved 90° radius 2550mm - 100 13/32"		 7,22kg/15,91lb  0,146m/5,156ft  7,22kg/15,91lb	1.90
	FF50R270	Rail 50 curved 90° radius 2700mm - 106 5/16"		 7,64kg/16,84lb  0,16m/5,65ft  7,64kg/16,84lb	1.90
	FF50R285	Rail 50 curved 90° radius 2850mm - 112 3/16"		 8,07kg/17,78lb  0,18m/6,356ft  8,07kg/17,78lb	1.90
	FF50R300	Rail 50 curved 90° radius 3000mm - 118 1/8"		 8,49kg/18,72lb  0,197m/6,956ft  8,49kg/18,72lb	1.90
	FF60R105	Rail 60 curved 90° radius 1050mm - 41 11/32"		 2,24kg/5lb  0,027m/0,953ft  2,24kg/5lb	1.110
	FF60R120	Rail 60 curved 90° radius 1200mm - 47 1/4"		 2,56kg/5,7lb  0,036m/1,271ft  2,56kg/5,7lb	1.110
	FF60R135	Rail 60 curved 90° radius 1350mm - 53 5/32"		 2,88kg/6,4lb  0,046m/1,624ft  2,88kg/6,4lb	1.110
	FF60R150	Rail 60 curved 90° radius 1500mm - 59 1/16"		 3,2kg/7lb  0,057m/2,01ft  3,2kg/7lb	1.110
	FF60R165	Rail 60 curved 90° radius 1650mm - 64 31/32"		 5,52kg/7,8lb  0,069m/2,43ft  5,52kg/7,8lb	1.110
	FF60R180	Rail 60 curved 90° radius 1800mm - 70 7/8"		 3,85kg/8,5lb  0,08m/2,82ft  3,85kg/8,5lb	1.110

Rails 50

FF5003: length 3000mm – 118 1/8"
 FF5004: length 4000mm – 157 15/32"
 FF5005: length 5000mm – 196 27/32"



material: aluminium

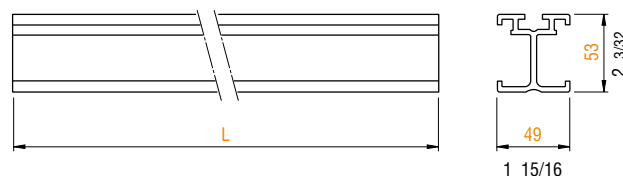


finish: silver

These aluminium rails are designed especially for curtain- and cyclorama- systems. Rail systems in each length and shape are possible by connecting 2 or more standard rails. End stops at each rail end are required.

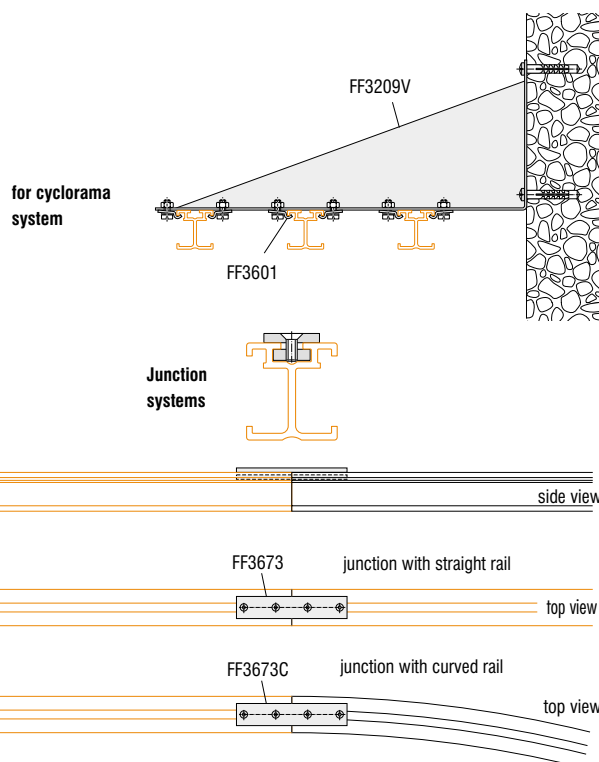
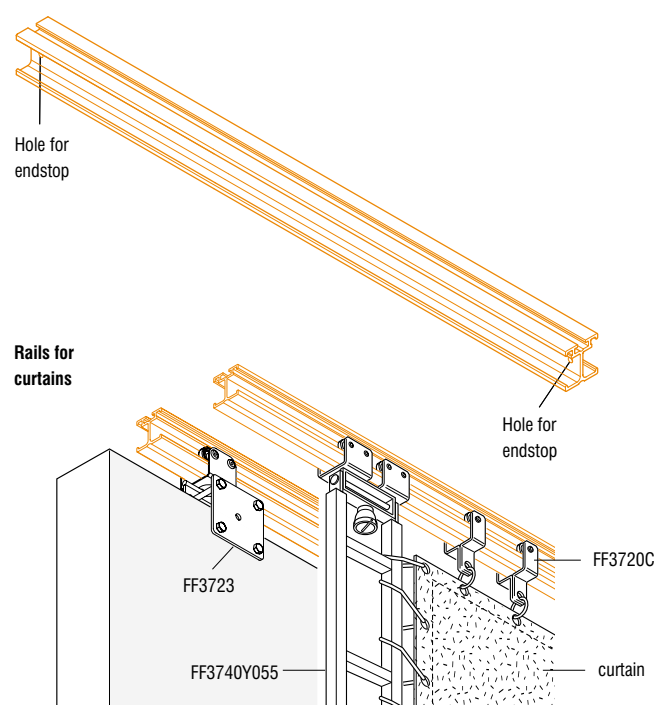


		FF5003	FF5004	FF5005
W width:	mm	3000	4000	5000
	inch	118 1/8	157 15/32	196 27/32
weight:	kg	5,40	7,20	9,00
	lb	11,90	15,87	19,84
volume:	cu m	0,0078	0,01	0,013
	cu ft	0,276	0,353	0,459
weight:	kg	5,40	7,20	9,00
	lb	11,90	15,87	19,84



scale 1:5

APPLICATIONS



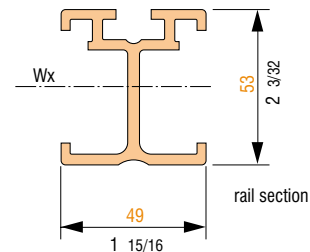
Metric measurements should be taken as reference. Imperial values have been calculated from metric and rounded to nearest 1/32 inch.
 IMPORTANT: installation must be carried out by qualified personnel and in accordance with the safety regulations of the country/region of installation.

Rails 50 - anchorage points

The spacing of rail brackets depends on the maximum load on the rail itself, but should generally be in accordance with the table below.

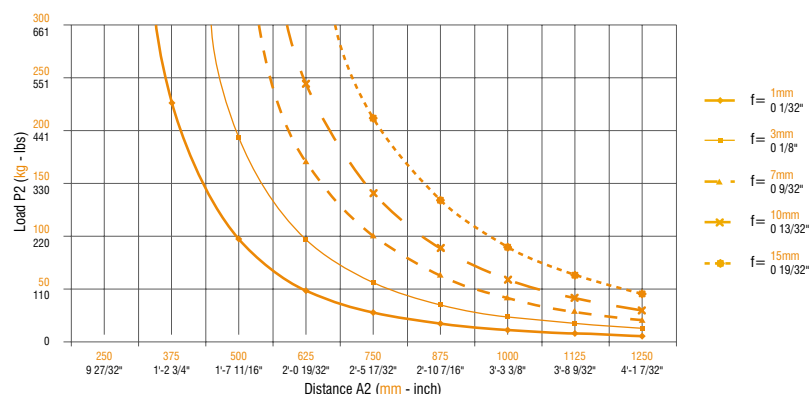
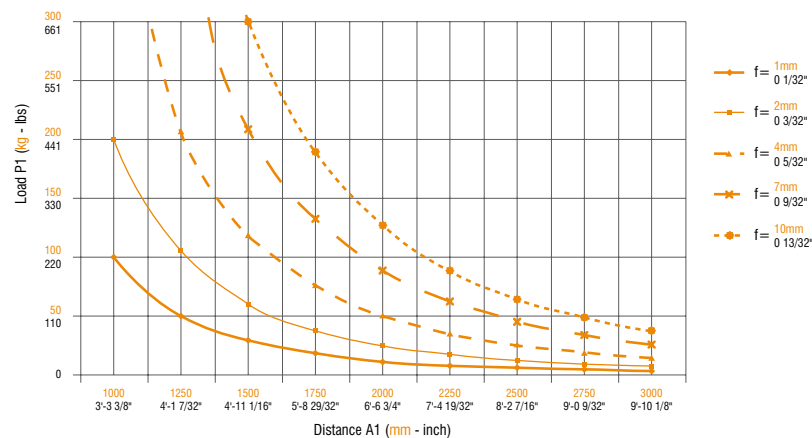
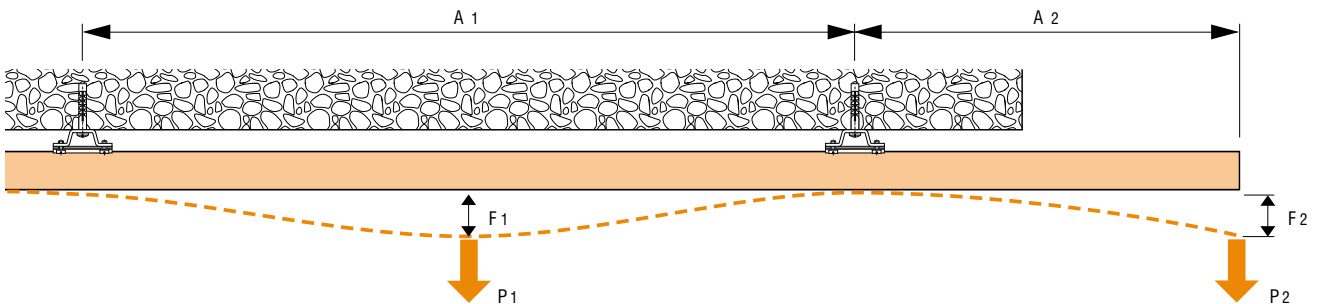
Example for A1 (distance between two support brackets) equals 3m (118 1/8"), the maximum load P1 equals 60kg (134lb).

To avoid sag due to point loads between two support points the spacing between two brackets should not exceed 2m (78 3/4").



weight: 1,80 kg/m linear
1,2 lb/ft linear

section modules Wx: 10143 cu mm
0,619 cu inch



Attention Graphics are calculated for static loads. For application that foreseen loads over 200kg/441lbs and sagging over 3mm/1/8" please consult our thecnal office

Rails 60

FF6003: length 3000mm – 118 1/8"
 FF6004: length 4000mm – 157 15/32"
 FF6005: length 5000mm – 196 27/32"



material: aluminium

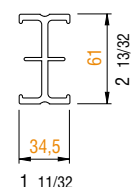
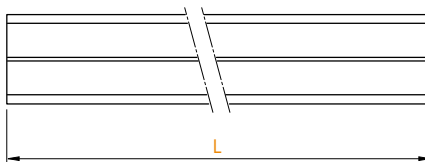


finish: silver

These aluminium rails are designed for light weight application, Cyclorama and low ceiling studios. Rail systems in each length and shape are possible by connecting 2 or more standard rails. End stops at each rail end are required.

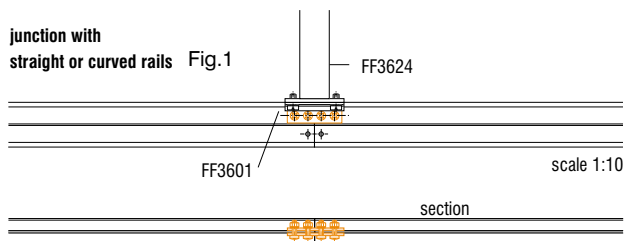
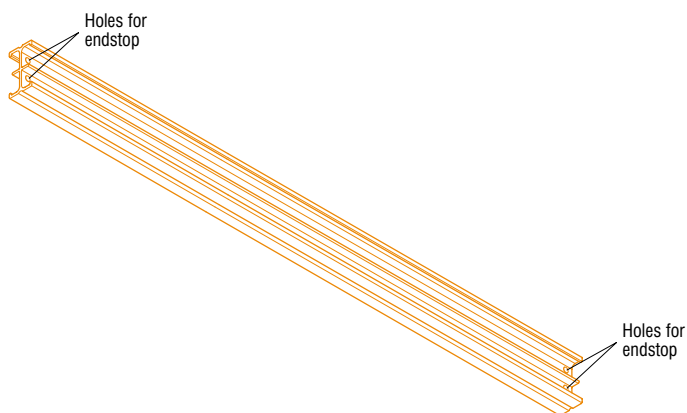


		FF6003	FF6004	FF6005
W width:	mm	3000	4000	5000
	inch	118 1/8	157 15/32	196 27/32
weight:	kg	4,20	5,60	7,00
	lb	9,26	12,35	15,43
volume:	cu m	0,0063	0,0084	0,01
	cu ft	0,222	0,296	0,353
weight:	kg	4,20	5,60	7,00
	lb	9,26	12,35	15,43

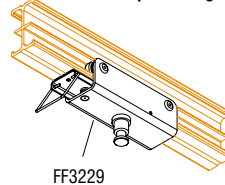


scale 1:5

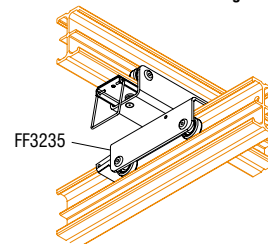
APPLICATIONS



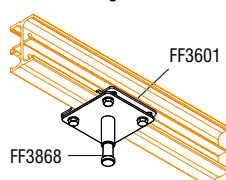
for simple carriages



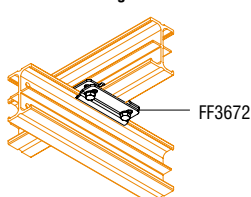
for double carriages



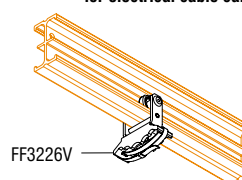
for fixing brackets



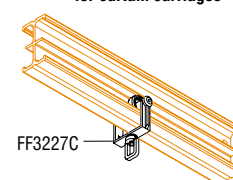
rail crossings



for electrical cable carriages



for curtain carriages



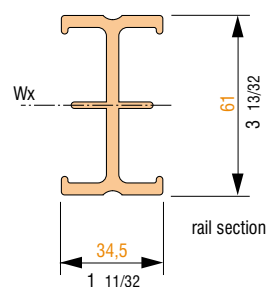
Metric measurements should be taken as reference. Imperial values have been calculated from metric and rounded to nearest 1/32 inch.
 IMPORTANT: installation must be carried out by qualified personnel and in accordance with the safety regulations of the country/region of installation.

Rails 60 - anchorage points

The spacing of rail brackets depends on the maximum load on the rail itself, but should generally be in accordance with the table below.

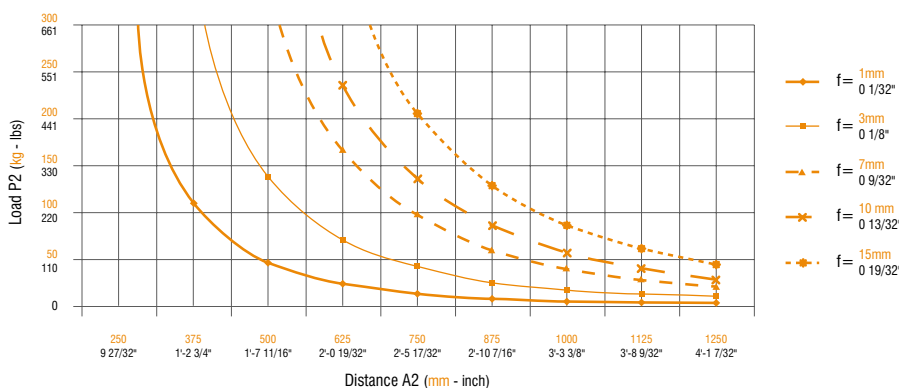
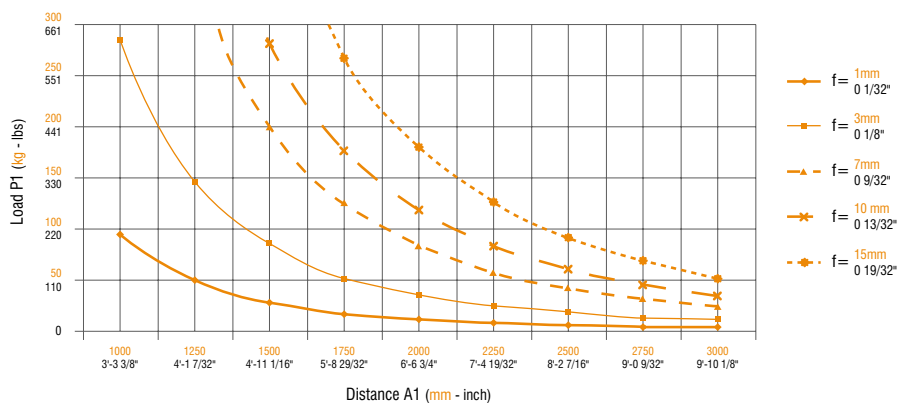
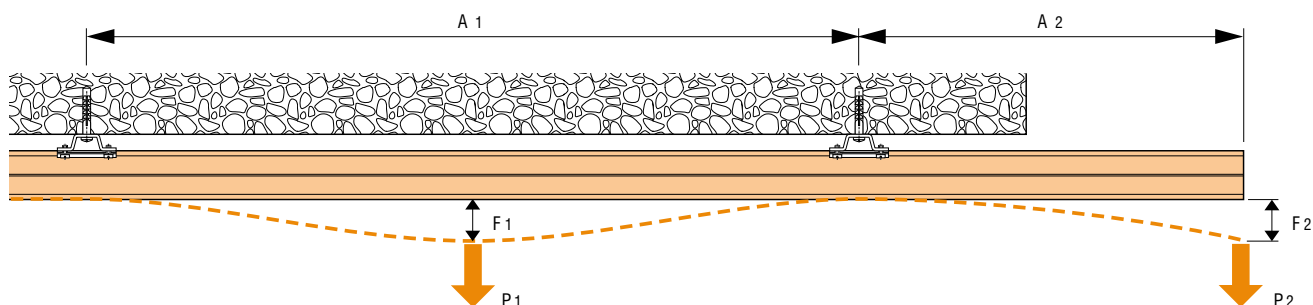
Example for A1 (distance between two support brackets) equals 3m (118 1/8"), the maximum load P1 equals 60kg (134lb)

To avoid sag due to point loads between two support points the spacing between two brackets should not exceed 2m (78 3/4")



weight: 1,40 kg/m linear
0,94 lb/ft linear

section modulus Wx: 8536 cu mm
0,52 cu in



Attention Graphics are calculated for static loads. For application that foreseen loads over 200kg/441lbs and sagging over 3mm/1/8" please consult our thecnal office

Rails 80

FF8003: length 3000mm – 118 1/8"
 FF8004: length 4000mm – 157 15/32"
 FF8005: length 5000mm – 196 27/32"

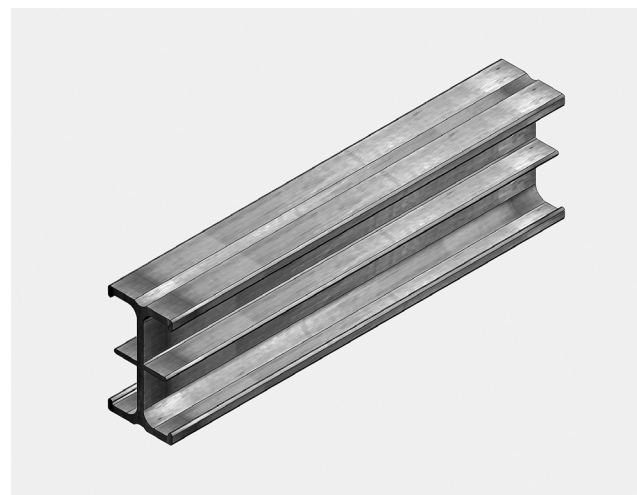


material: aluminium

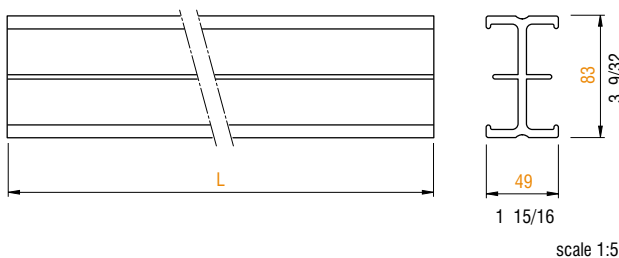


finish: silver

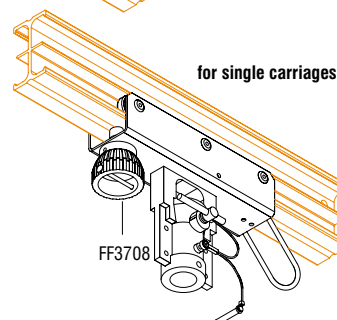
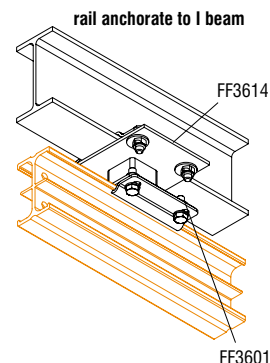
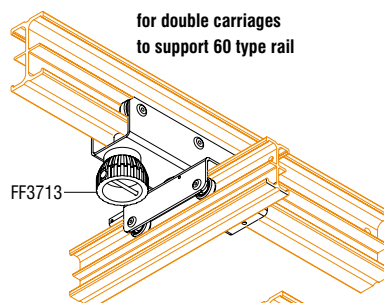
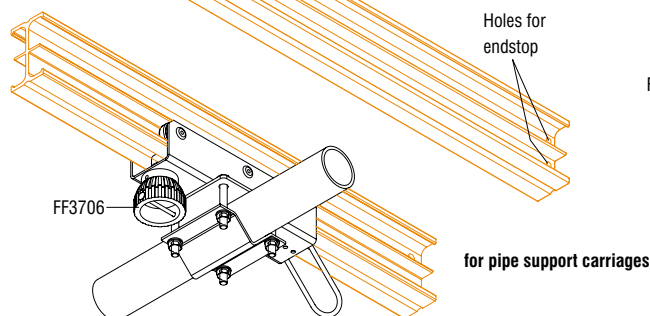
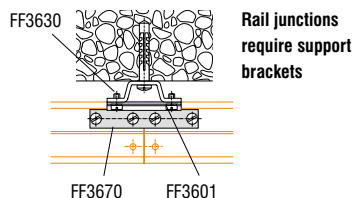
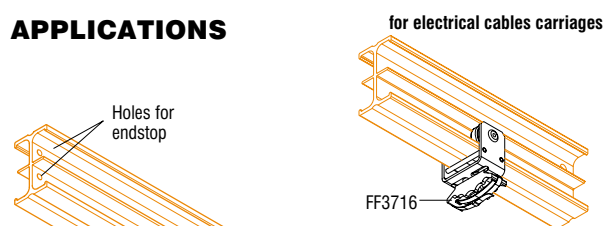
These aluminium rails are designed for heavy-duty applications. Rail systems in each length and shape are possible by connecting 2 or more standard rails. End stops at each rail end are required.



		FF8003	FF8004	FF8005
W width:	mm	3000	4000	5000
	inch	118 1/8	157 15/32	196 27/32
weight:	kg	7,50	10,00	12,50
	lb	16,53	22,05	27,56
volume:	cu m	0,012	0,016	0,02
	cu ft	0,039	0,052	0,066
weight:	kg	7,5	10,00	12,50
	lb	16,53	22,05	27,56



APPLICATIONS



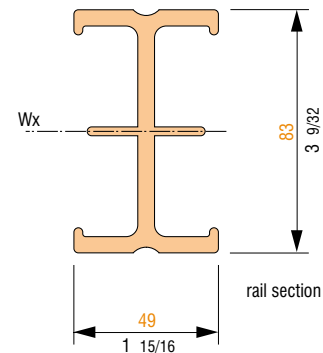
Metric measurements should be taken as reference. Imperial values have been calculated from metric and rounded to nearest 1/32 inch.
 IMPORTANT: installation must be carried out by qualified personnel and in accordance with the safety regulations of the country/region of installation.

Rails 80 - anchorage points

The spacing of rail brackets depends on the maximum load on the rail itself, but should generally be in accordance with the table below.

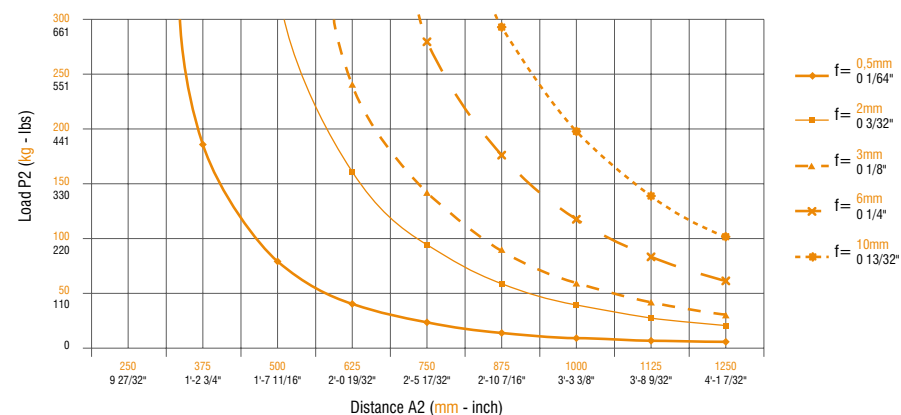
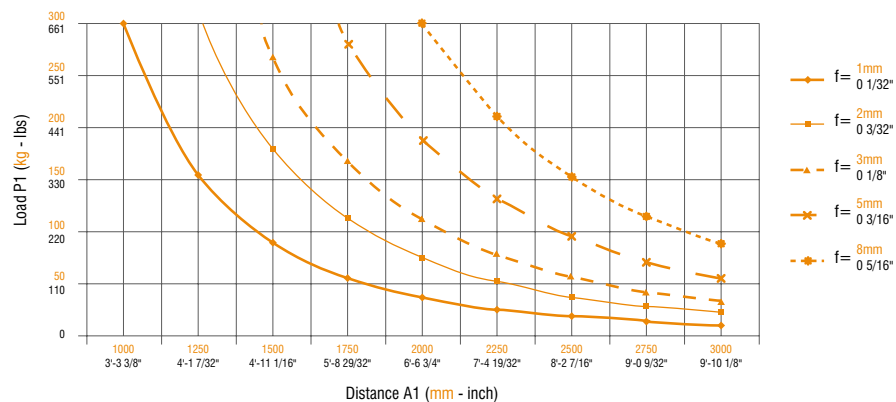
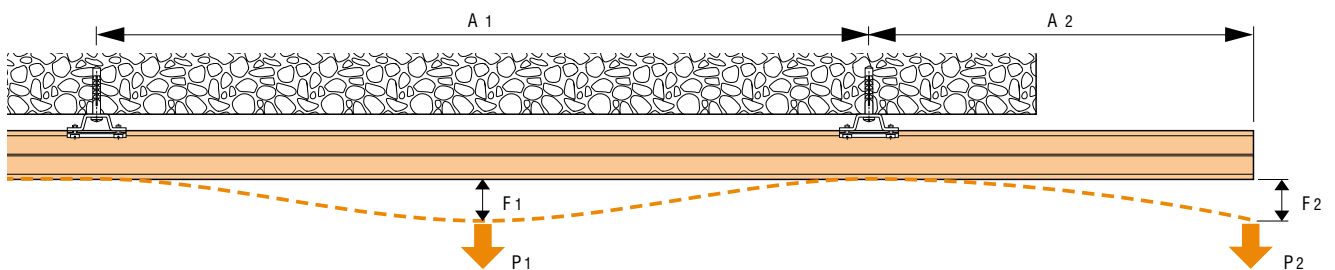
Example for A1 (distance between two support brackets) equals 3m (118 1/8"), the maximum load P1 equals 100kg (220lb)

To avoid sag due to point loads between two support points the spacing between two brackets should not exceed 2m (78 3/4")



weight: 2,50 kg/m linear
1,68 lb/ft linear

section modulus Wx: 21433 cu mm
1,307 cu inch



Attention Graphics are calculated for static loads. For application that foreseen loads over 200kg/441lbs and sagging over 3mm/1/8" please consult our thecnal office

Rails 50 curved 90°

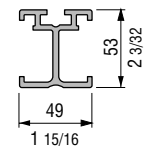
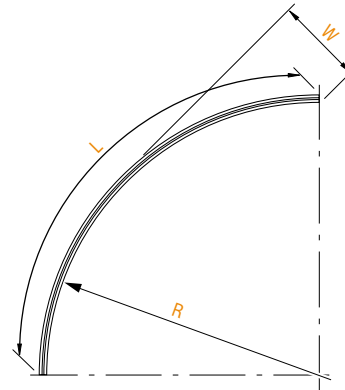
FF50R135:	radius 1350mm – 53 5/32"
FF50R150:	radius 1500mm – 59 1/16"
FF50R165:	radius 1650mm – 64 31/32"
FF50R180:	radius 1800mm – 70 7/8"
FF50R195:	radius 1950mm – 76 25/32"
FF50R210:	radius 2100mm – 82 11/16"
FF50R225:	radius 2250mm – 88 19/32"
FF50R240:	radius 2400mm – 94 1/2"
FF50R255:	radius 2550mm – 100 13/32"
FF50R270:	radius 2700mm – 106 5/16"
FF50R285:	radius 2850mm – 112 3/16"
FF50R300:	radius 3000mm – 118 1/8"



material: aluminium



finish: silver



Special curved rails available on request

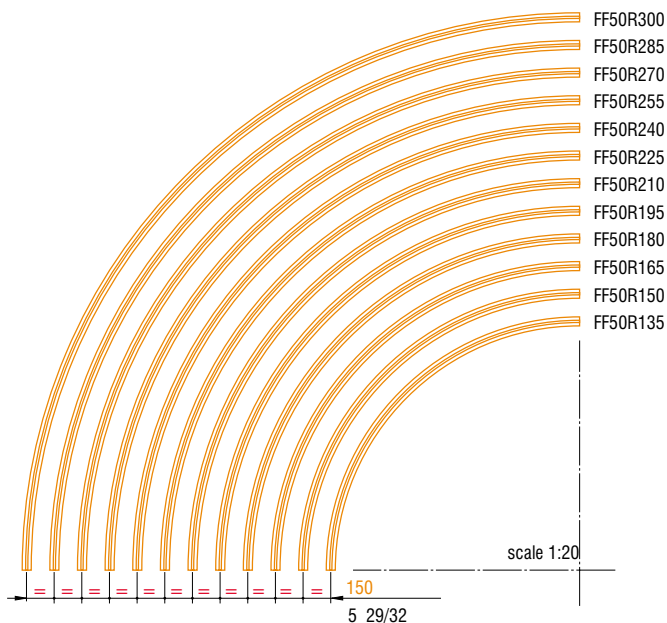
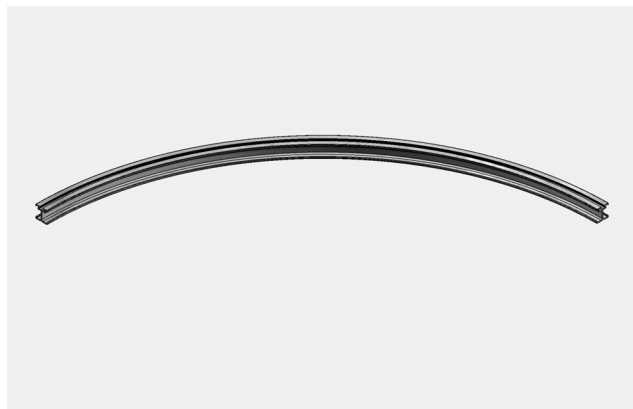
		FF50R135	FF50R150	FF50R165	FF50R180	FF50R195	FF50R210
R radius:	mm	1350	1500	1650	1800	1950	2100
	inch	53 5/32	59 1/16	64 31/32	70 7/8	76 25/32	82 11/16
L length:	mm	2121	2357	2542	2828	3063	3299
	inch	6 - 11 1/2	7 - 8 25/32	8 - 4 3/32	9 - 3 11/32	10 - 0 19/32	10 - 9 7/8
W width:	mm	395	439	483	527	571	615
	inch	15 5/8	17 1/4	19	20 3/4	22 3/8	24 1/4
weight:	kg	3,82	4,25	4,67	5,10	5,52	5,94
	lb	8,4	9,36	10,3	11,23	12,16	13,105
volume:	cu m	0,04	0,05	0,06	0,071	0,083	0,097
	cu ft	1,41	1,77	2,12	2,5	2,93	3,42
weight:	kg	3,82	4,25	4,67	5,10	5,52	5,94
	lb	8,4	9,36	10,3	11,23	12,16	13,105

		FF50R225	FF50R240	FF50R255	FF50R270	FF50R285	FF50R300
R radius:	mm	2250	2400	2550	2700	2850	3000
	inch	88 19/32	94 1/2	100 13/32	106 5/16	112 3/16	118 1/8
L length:	mm	3535	3770	4006	4242	4477	4713
	inch	11 - 7 3/16	12 - 4 7/16	13 - 1 23/32	13 - 11	14 - 8 1/4	15 - 5 9/16
W width:	mm	659	702	746	790	834	878
	inch	26	27 5/8	29 3/8	31 1/8	32 3/4	34 2/4
weight:	kg	6,37	6,79	7,22	7,64	8,07	8,49
	lb	14,041	14,97	15,91	16,84	17,78	18,72
volume:	cu m	0,111	0,126	0,146	0,16	0,18	0,197
	cu ft	3,91	4,496	5,156	5,65	6,356	6,956
weight:	kg	6,37	6,79	7,22	7,64	8,07	8,49
	lb	14,041	14,97	15,91	16,84	17,78	18,72

Metric measurements should be taken as reference. Imperial values have been calculated from metric and rounded to nearest 1/32 inch.
IMPORTANT: installation must be carried out by qualified personnel and in accordance with the safety regulations of the country/region of installation.

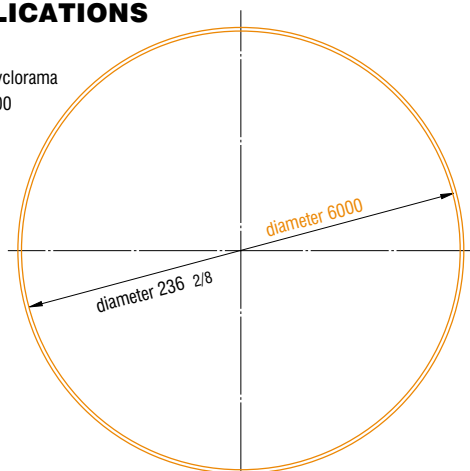
Rails 50 curved 90°

Curved rails are in several standard radius available (see page 14)

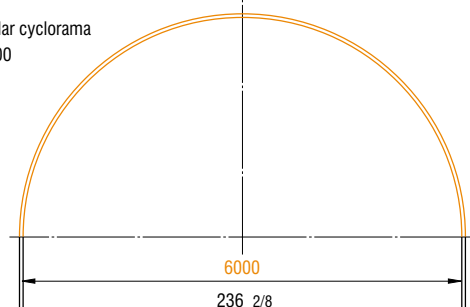


APPLICATIONS

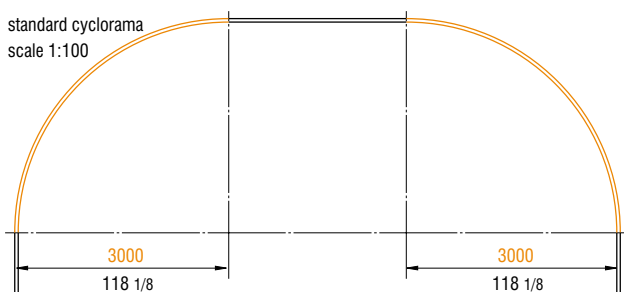
circular cyclorama
scale 1:100



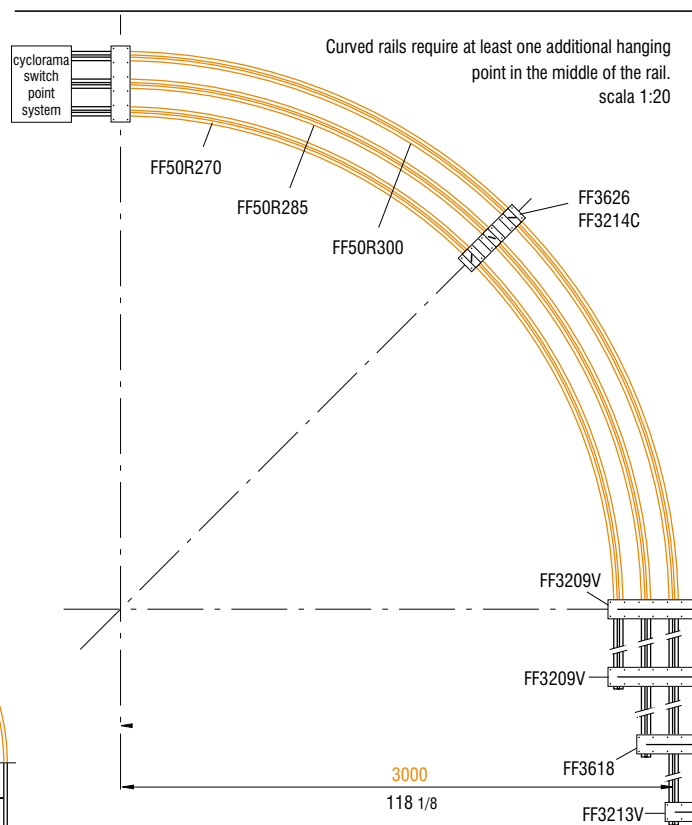
semicircular cyclorama
scale 1:100



standard cyclorama
scale 1:100



EXAMPLE WITH 3 CYCLORAMA RAILS



Rails 60 curved 90°

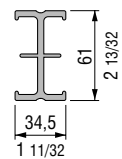
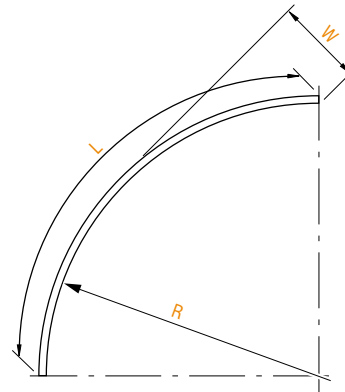
FF60R105: radius 1050mm – 41 11/32"
 FF60R120: radius 1200mm – 47 1/4"
 FF60R135: radius 1350mm – 53 5/32"
 FF60R150: radius 1500mm – 59 1/16"
 FF60R165: radius 1650mm – 64 31/32"
 FF60R180: radius 1800mm – 70 7/8"



material: aluminium

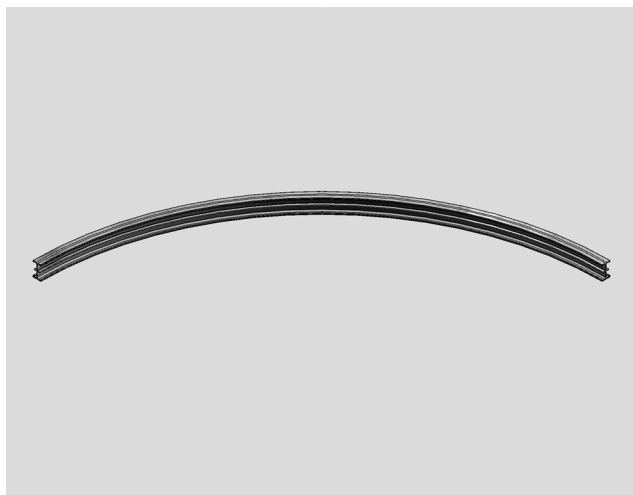


finish: silver



		FF60R105	FF60R120	FF60R135	FF60R150	FF60R165	FF60R180
R radius:	mm	1050	1200	1350	1500	1650	1800
	inch	41 11/32	47 1/4	53 5/32	59 1/16	64 31/32	70 7/8
L length:	mm	1650	1885	2121	2357	2542	2828
	inch	5 - 4 31/32	6 - 2 7/32	6 - 11 1/2	7 - 8 25/32	8 - 4 3/32	9 - 3 11/32
W width:	mm	307	351	395	439	483	527
	inch	12 1/8	13 3/4	15 1/2	17 1/4	19	20
weight:	kg	2,24	2,56	2,88	3,2	3,52	3,85
	lb	5	5,7	6,4	7	7,8	8,5
volume:	cu m	0,027	0,036	0,046	0,057	0,069	0,08
	cu ft	0,953	1,271	1,624	2,01	2,43	2,82
weight:	kg	2,24	2,56	2,88	3,2	3,52	3,85
	lb	5	5,7	6,4	7	7,8	8,5

Rails 60 curved 90°

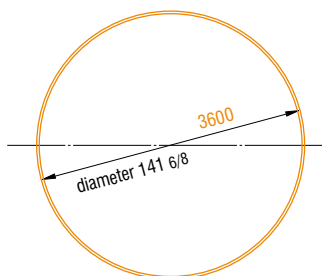


Curved rails are in several standard radius available (see page 14).

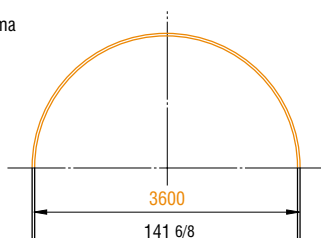
1

APPLICATIONS

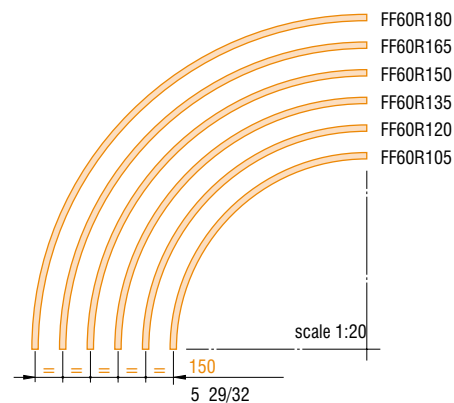
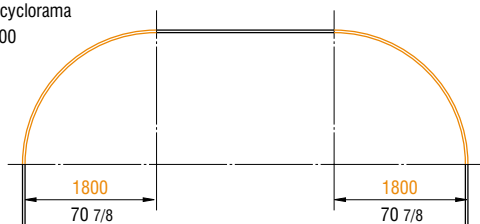
circular cyclorama
scale 1:100



semicircular cyclorama
scale 1:100



standard cyclorama
scale 1:100



EXAMPLE WITH 3 CYCLORAMA RAILS

Curved rails require at least one additional hanging point in the middle of the rail.
scale 1:20

