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**Единый адрес:** mxr@nt-rt.ru **Веб-сайт:** www.markilux.nt-rt.ru

# Полукассетные маркизы 1600 markilux







# markilux 1600

Unique design, classic arm technology







# markilux 1600

## Unique design, classic arm technology

#### design features

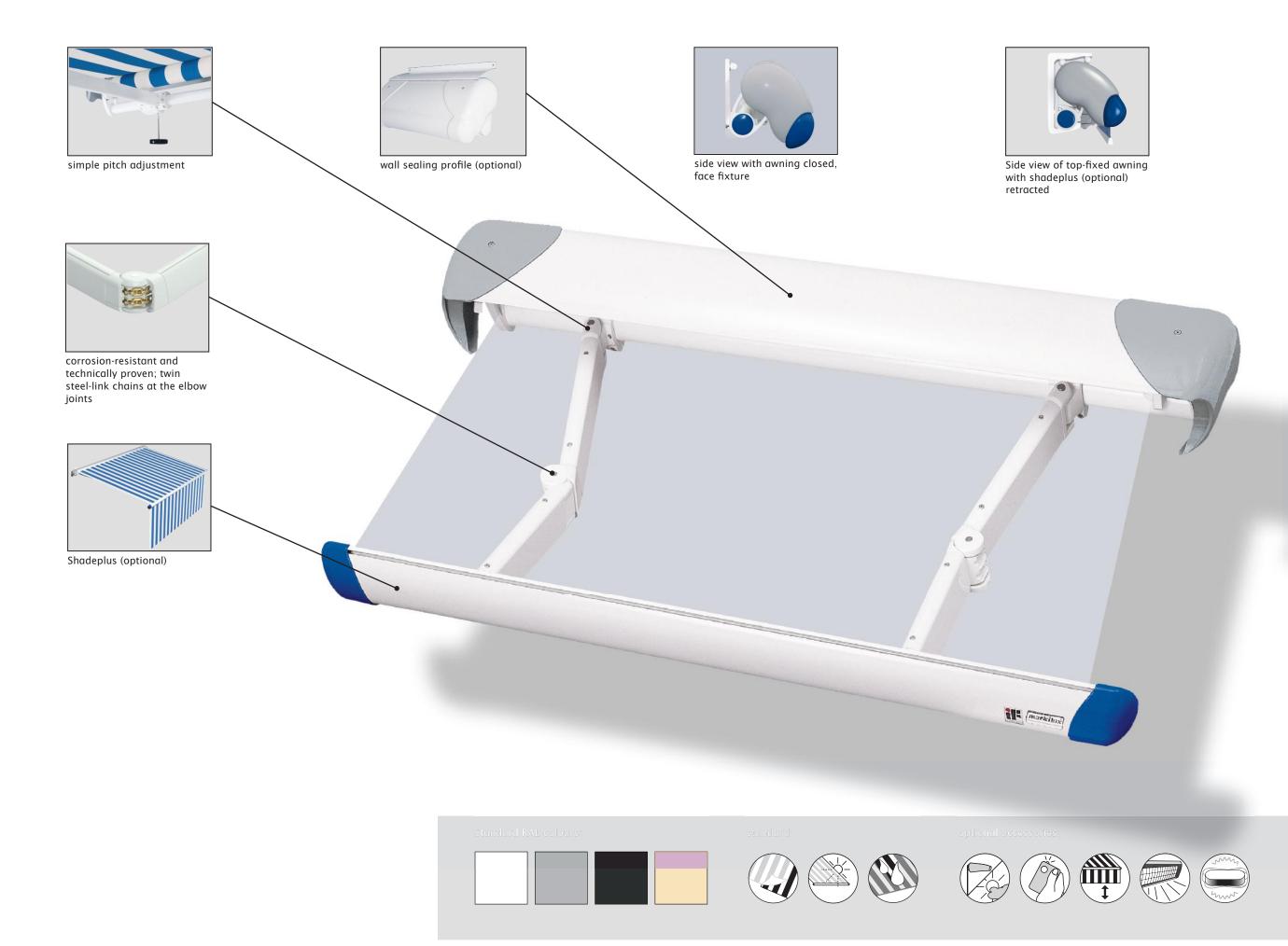
- Shaped by well-known designers, given the IF Design Award for excellent
- · A semi-cassette folding-arm awning. The dynamically rounded coverboard gives the awning the appearance of being fully cassetted.
- · The possibility of mixing and matching the colour of the cassette with that of the end caps gives you the option of making your markilux awning your very own.
- · Elegant and robust front profile made of aluminium with valance slot.
- · for long-lasting attractiveness the awning has been powder coated.

#### technical highlights

- · The extremely sturdy awning construction makes it possible to shade even very large areas safely.
- · Sturdy, round steel torque bar, 50 mm  $\emptyset$ , to prevent twist and deflection.
- The 85 mm roller tube ensures the highest rigidity and the best possible cover winding characteristics even at the largest widths.
- · Coverboard wit integrated brush so that larger pieces of debris cannot be drawn into the awning.
- Folding arms with perfected power transference by means of double, rounded steel-link chains and direct coupling of the springs. The highest safety standards even at large extensions

- optional accessories · In the case of manual operation ease of use is ensured with the springassisted gearbox.
  - · Hard-wired motor drive (optionally with automatic controls) for simple, relaxed operation.
  - Radio-controlled motor with handheld transmitter for ease of operation and ergonomically crafted for ease of use.
  - · The shadeplus creates an additional room on the patio. Protection from sun, wind and inquisitive glances in one.
  - · Awning available in non-standard RAL colours
- Beautifully crafted brackets; Design down to the last detail · Awning covers made from acrylic fabric or sunsilk snc with self-cleaning effect · The panel joints of the awning cover are ultrasonically bonded to give a better appearance without bothersome stitching · Manual operation includes a markilux stainless steel winding handle - quality to get to grips with · Folding arms with drop-forged, aluminium joints and Teflon-coated bronze bushes to ensure high stability and longevity. The greater upper to lower arm length ratio gives high lateral stability of the awning · Fixture brackets are made of extruded aluminium · Simply pitch adjustment via the bracket without necessitating readjustment of the front profile · At larger widths one or more rolltex bearings support the roller tube · Awnings more than 660 cm wide can be supplied as coupled units · An easily connected radio-controlled sun and wind sensor guarantees comfort and protection even during your absence  $\cdot$  An optional wall sealing profile covers the gap between wall and awning  $\cdot$  Available with a valance

# Folding-arm awning markilux 1600





markilux 1600

Unique design, classic arm technology



# **Choice of colours**

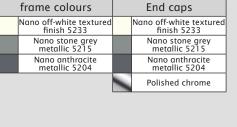


# markilux 1600 Lounge













## dimensions and configuration options

				Overa	ll blind	width				minimum w	idth motor 10)		m width peration 10
extension	260	310	360	410	460	510	560	610	660	Standard	Bespoke arms	Standard	Bespoke arms
CACCHISION	174-260	261-310	311-360	361-410	411-460	461-510	511-560	561-610	611-660		веороке атто	Starraara	bespone arms
150	28)									187	174	190	177
200	28)									237	224	240	227
250		28)								287	274	290	277
300			28)							337	324	340	327
350				28)					17)	387	374	390	377
40017) 19)					28)					437	424	440	427

- 10) the dimensions are only valid for fixture without spreader plates (2 folding arms).
- 17) a shadeplus is not available
  19) awnings with 4 m extension are only available with motor (surcharge).
  28) Please note the minimum widths!

	operation type	
	manual operation with st. steel winding handle	•
	Servo-assisted operation	0
	radio-controlled motor	0
	motor	0
	Shadeplus	
	manual operation	0
	radio-controlled motor	-
	motor	_
	Lighting	
	Halogen Spotlights	-
	Fluorescent lighting	-
	covers	
	acrylic 34 (fabric series 341xx-347xx)	•
	sunsilk SNC (fabric series 324xx/329xx)	•
	signature (fabric series 369xx)	•
ns	transilk FR (fabric series 319xx)	-
tio	transolair (fabric series 339xx)	_
О	widely woven acrylic (fabric series 349xx)	01
ion	perla FR (fabric series 374xx/379xx)	0
rat	Soltis 92	02
ıgı	PVC fabric	02
configuration options	miscellaneous	
٥	Coverboard	_
	Sytem coverboard	_
	wall sealing profile	03
	Pitch adjustment gear	-
	Insertable side blind	0
	sun and wind sensor	0
	Valance	0
	Infrared heater	0
	Vibrabox / Sunis sun sensor	0
	Coupled units (please refer to fixture)	
	coupled unit 2 fields	0
	coupled unit 3 fields	
	junction roller	0
	one-piece cover (on request)	_

- = fitted as standard
- = optional accessory
- = not available
- $\circ^2$  = PVC/Soltis 92 covers available up to a max. width of 610 cm and a max. arm length of 250 cm.
- o1 = widely woven fabric up to a max. extension of 300 cm; not possible in those dimensions that require a rolltex bearing
- $\circ^3$  = wall sealilng profile effective up to an awning pitch of 20°

dimensions in cm



= available, 2 folding arms



= available, 2 folding arms, 1 Rolltex bearing

Definition of extension: The extension is measured with the awning extended at a pitch of approx. 15° from the wall over the cover to the leading edge of the front profile. The extension tolerance is - 40mm /

In the case of manual operation, assume approx. 16 winding handle revolutions per metre of awning extension.

Extension when using a motor takes approximately 12 seconds per

Definition of shadeplus drop: The shadeplus drop is measured from the bottom edge of the shadeplus profile to the bottom edge of the valance profile. Because of tolerances in fabric thicknesses the drop may be shorter by up to 5 cm. A manual shadeplus is available in the standard drops of 150 cm and

210 cm (210 cm only in transilk (319xx), transolair (339xx), widely woven fabrics (349xx) seamless or Soltis 92. Shadeplus covers with a drop greater than 170 cm in Soltis 92 will be made with a horizontal

A shadeplus is not possible with PVC covers.

A shadeplus with motor is not possible

## Coupled folding-arm awnings are available up to a max. of 2 single units

positioned next to one another and only operated by motor.

Optionally available with junction roller. Pattern repeat mismatches are

possible in the case of junction roller covers. except when the extension is the maximum for the width of each awning.

(see also arm separation table)
If coupled awnings are to be fitted into a recess or reveal the overall width of the coupled blind or awning must be at least 6 cm less than the width of the opening to allow the blind/awning to be coupled. Make a special note if the awning is to be fitted into a recess/reveal and note the reveal width separately.

fram	ne colours	
	RAL 9016 traffic white	•
	RAL 8019 grey brown	•
	RAL 9006 metallic aluminium	•
	RAL 1015 light ivory	•
	5204 Nano anthracite metallic 5204 (Lounge)	0
	5215 Nano stone grey metallic 5215 (Lounge)	0
	5233 Nano off-white textured finish (Lounge)	0
	non-standard RAL colour	0

# fixings and accessories

100	Face fixture bracket assembly		Angle and fixture plate for eaves fixture		Spacer plate for face fixture
70867.	100mm	716620	machine finish	718251	45x150x20mm N.B! stack to a max. of 200 mm
A5-	Face fixture bracket assembly	0	Additional eaves fixture plate		Spacer plate for face fixture
	45mm	0 90	60x260x12mm		45x150x12mm
71813.		75383.		71826.	
90	Top fixture bracket assembly	90	Top fixture bracket assembly		Spacer plate for top fixture
70868.	90mm	70869	assembly for central fixture	716311	90x140x20mm N.B! stack to a max. of 200 mm
70000.	Top fixture bracket	70003.	Angled profile for	710311	Spacer plate for top
45	assembly		eaves fixtures		fixture
	45mm		100x100mm available by the metre, undrilled		90x140x12mm
71818.		79380.		716411	
	Eaves fixture bracket assembly	000	Component assembly spreader plate A		Spacer plate for top fixture
70871.	90mm complete set	75326.	160x430x12mm	716261	45x140x20mm N.B! stack to a max. of 200 mm
\(\frac{1}{2}\)	Eaves fixture bracket	TO B	Spacer plate for face fixture	P.	Spacer plate for top fixture
71613	\ 140mm	718231	100x150x20mm N.B! stack to a max. of 200 mm	716371	45x140x12mm
71612.	Cayoo fiyayaa baasa	/10231	Chacon plate for for-	/103/1	stand off stair for
	Eaves fixture bracket assembly		Spacer plate for face fixture		stand-off strip for wall sealing profile
270					available by the
150	270mm		100x150x12mm	15.2	metre Fixture example, see face fixture with wall sealing profile
71659.		718241		75 Î 97 I	

<sup>. =</sup> Please insert the RAL No. (please refer to the section on "Coatings")

# fixings and accessories

00	Cover plate for external insulation
71833.	140x200x2mm
0	Cover plate for external insulation
71834.	85x200x2mm
71031.	
	Component assembly spreader plate B
75325.	300x400x12mm
	Reduction assembly M 16 - M 12 / SW 27
	50mm length (please refer to "Technical Information")
753891	
	Reduction assembly M 10 - M 10 / SW 27
1500	50mm length (please refer to "Technical Information")
754901	
	Reduction assembly M 12 - M 10 / SW 27
	50mm length (please refer to "Technical Information")
754911	
	reducing bolt assembly M 16 - M 10 / SW 27 50mm length
75.1001	(please refer to "Technical Information")
754921	

<sup>. =</sup> Please insert the RAL No. (please refer to the section on "Coatings")

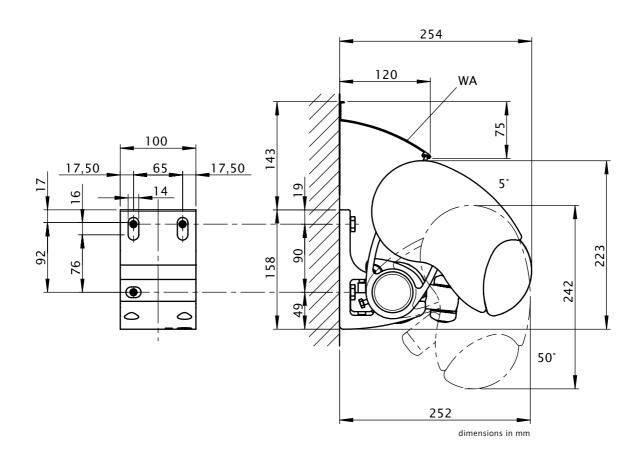
## **Face fixture**

Pull-out force [N=Newton] per fixture point according to EN 13561, wind resistance class 2

			comp	ressio	n-pro	of sub	strate		ı	i	n	on cor	npres	sion-p	roof s	ubstro	ite	
				N	l [cm]	1]							N	1 [cm	1]			
	260	310	360	410	460	510	560	610	660	260	310	360	410	460	510	560	610	660
H [cm]					FB [N									FB [N				
150	452	515	579	642	706	769	833	896	960	617	704	791	878	965	1051	1138	1225	1312
200	698	799	899	1000	1100	1201	1301	1402	1502	954	1091	1229	1366	1503	1641	1778	1916	2053
250		1180	1326	1471	1617	1762	1907	2053	2479		1613	1812	2011	2209	2408	2607	2805	3388
300			1783	1981	2179	2377	2917	3147	3377			2437	2708	2978	3249	3986	4300	4615
350				2563	3200	3502	3804	4106	4408		-		3503	4373	4786	5199	5612	6025
400	-		-	-	4039	4423	4806	5190			-	-		5519	6044	6569	7094	
HT   BHT		2	100 n	nm			2   10	00 mm			2	100 n	ım			2   10	00 mm	
וחם ו החו							1   4	15mm								1   4	15mm	
ВМ			6				8	3				6					8	

The pull-out force refers to the vertical centre to centre measurement between the fixture points of 90 mm. If this measurement is reduced, the pull-out force increases by 14% in the case of compression-proof substrates and by 19% in the case of non-compression-proof substrates. If the awning is fitted with two brackets per folding arm the pull-out force may be halved. Position the brackets to the left and right of the arm bearer.

M = overall awning width
H = extension
FB = pull-out force per fixing point
HT | BHT = bracket quantity | width
BM = no. of fixing points
WA = wall sealing profile



# Face fixture with spreader plate A

Pull-out force [N=Newton] per fixture point according to EN 13561, wind resistance class 2

			compi	ession	n-proo	f subs	trate				ne	on cor	npres	sion-p	roof s	ubstro	ite	
				N	1 [cm	1]							N	1 [cm	ı]			
	260	310	360	410	460	510	560	610	660	260	310	360	410	460	510	560	610	660
H [cm]					FB [N	]								FB [N	]			
150	260	297	334	370	407	443	480	517	553	370	422	474	526	578	630	682	734	786
200	401	459	517	575	632	690	748	806	864	570	652	735	817	899	981	1063	1145	1227
250		678	761	844	928	1011	1095	1178	1423		963	1081	1200	1319	1437	1556	1674	2022
300			1022	1136	1249	1363	1672	1804	1936			1453	1614	1775	1937	2376	2564	2751
350				1468	1833	2006	2179	2352	2525			ł	2087	2605	2851	3097	3343	3589
400					2312	2532	2752	2971						3286	3598	3910	4222	
HT   BHT		2	100m	m			2   10	00mm			2	100m	m			2   10	00mm	
וחפווחו							1   4	5mm								1   4	5mm	
ВР			2				:	2				2				2	2	
DP								1								•	I	

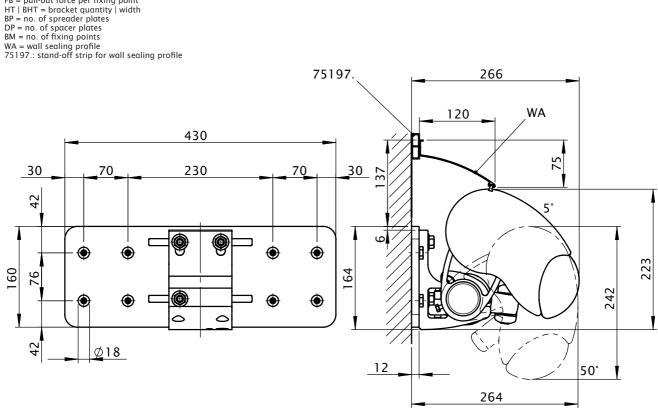
18

16

The pull-out force refers to the vertical centre to centre measurement between the fixture points of **76 mm**. In the case of spreader plates a washer conforming to DIN 9021 must be used.

BM

M = overall awning width
H = extension
FB = pull-out force per fixing point



dimensions in mm

18

# Face fixture with spreader plate B

Pull-out force [N=Newton] per fixture point according to EN 13561, wind resistance class 2

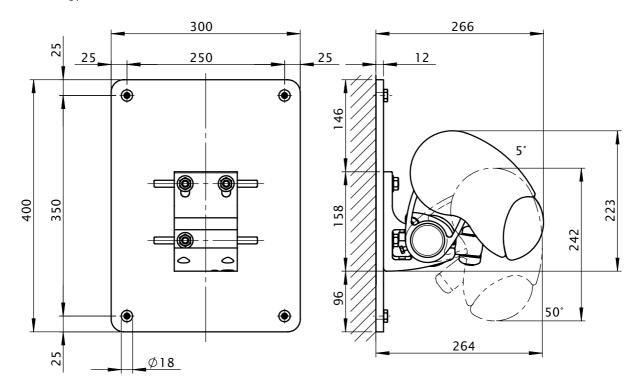
compression-proof substrate

non compression-proof substrate

				N	1 [cm	1]							N	1 [cm	1]			
	260	310	360	410	460	510	560	610	660	260	310	360	410	460	510	560	610	660
H [cm]					FB [N	]								FB [N	]			
150	154	176	197	219	241	262	284	306	327	161	183	206	228	251	274	296	319	341
200	238	272	306	340	374	408	443	477	511	248	283	319	355	390	426	462	497	533
250		401	450	500	549	598	648	697	842		418	470	521	573	624	676	727	878
300			605	672	739	807	990	1068	1146			631	701	771	841	1032	1113	1195
350				869	1085	1187	1290	1392	1494				906	1131	1238	1345	1452	1559
400					1368	1498	1628	1758						1427	1562	1698	1834	
LIT L DUT		2	100m	m			2   10	00mm			2	100m	m			2   10	00mm	
HT   BHT							1   4	5mm								1   4	5mm	
BP			2				:	2				2				:	2	
DP								1									1	
ВМ			8				1	0				8				1	0	

The pull-out force refers to the vertical centre to centre measurement between the fixture points of **350 mm**. In the case of spreader plates a washer conforming to DIN 9021 must be used.

M = overall awning width
H = extension
FB = pull-out force per fixing point
HT | BHT = bracket quantity | width
BP = no. of spreader plates
DP = no. of spacer plates
BM = no. of fixing points



dimensions in mm

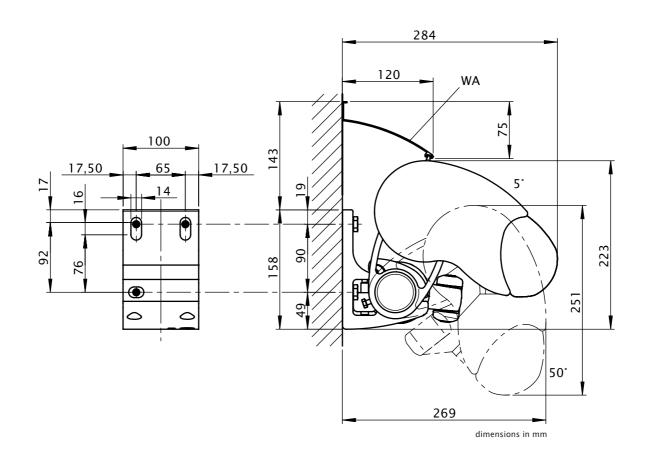
# Face fixture with shadeplus

Pull-out force [N=Newton] per fixture point according to EN 13561, wind resistance class 2

		(	compr	ession	-proo	f subs	trate		ı	ı	no	on con	npress	sion-p	roof s	ubstra	te	
				N	1 [cm	1]							N	1 [cm	1]			
	260	310	360	410	460	510	560	610	660	260	310	360	410	460	510	560	610	660
H [cm]					B [N	]							İ	FB [N	]			
150	529	608	686	765	843	922	1000	1079	1157	724	831	938	1045	1153	1260	1367	1474	1582
200	802	922	1043	1163	1284	1404	1524	1645	1765	1096	1260	1425	1590	1754	1919	2083	2248	2413
250		1335	1505	1676	1846	2016	2186	2357	2808		1824	2057	2290	2523	2755	2988	3221	3838
300			1998	2226	2454	2682	3252	3512	3771			2731	3043	3354	3666	4444	4799	5154
350			-	2850	3521	3858	4195	4532				1	3894	4812	5272	5733	6194	
HT   BHT			2   10	00 mm			2	100 n	ım			2   10	00 mm			2	100 n	nm
ווון וווו			-	-				1   45m	m			-	-				1   45m	m
BM			-	5	•		-	8	·			(	5	•			8	

The pull-out force refers to the vertical centre to centre measurement between the fixture points of 90 mm. If this measurement is reduced, the pull-out force increases by 14% in the case of compression-proof substrates and by 19% in the case of non-compression-proof substrates. If the awning is fitted with two brackets per folding arm the pull-out force may be halved. Position the brackets to the left and right of the arm bearer.

M = overall awning width
H = extension
FB = pull-out force per fixing point
HT | BHT = bracket quantity | width
BM = no. of fixing points



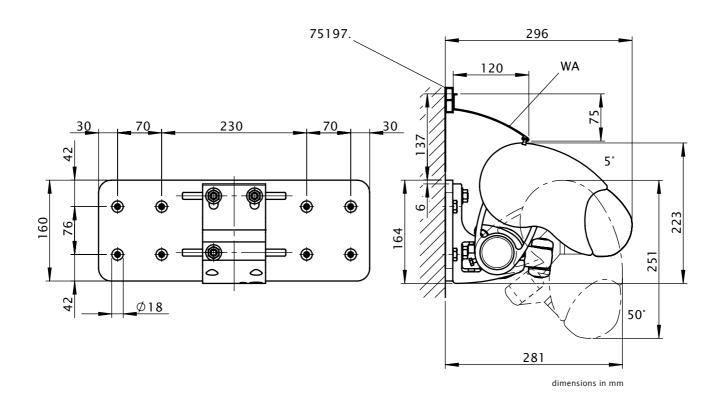
# Face fixture with shadeplus and spreader plate A

Pull-out force [N=Newton] per fixture point according to EN 13561, wind resistance class 2

			comp	ressio	n-pro	of sub	strate		1	ı	no	on con	npress	ion-p	roof s	ubstra	te	
				N	1 [cm	1]							N	/ [cm	1]			
	260	310	360	410	460	510	560	610	660	260	310	360	410	460	510	560	610	660
H [cm]			-		FB [N			-				-		FB [N				
150	305	350	395	441	486	531	576	621	667	434	498	562	626	690	755	819	883	947
200	461	530	599	668	738	807	876	945	1014	655	753	851	950	1048	1146	1245	1343	1441
250		766	864	961	1059	1157	1254	1352	1611		1089	1227	1366	1505	1644	1783	1921	2290
300		1	1145	1276	1407	1537	1864	2013	2162		-	1628	1813	1999	2185	2649	2860	3072
350		1		1632	2016	2209	2403	2596			1		2319	2866	3140	3414	3688	
HT   BHT			2   10	00mm			2	!   100m	m			2   10	00mm			2	100m	m
			-					1   45mı	m			-					1   45mı	m
ВР			:	2				2				:	2				2	
DP			-	-				1				-	-				1	
BM			1	6				18				1	6				18	

The pull-out force refers to the vertical centre to centre measurement between the fixture points of **76 mm**. In the case of spreader plates a washer conforming to DIN 9021 must be used.

M = overall awning width
H = extension
FB = pull-out force per fixing point
HT | BHT = bracket quantity | width
BP = no. of spacer plates
DP = no. of fixing points
WA = wall sealing profile
75197.: stand-off strip for wall sealing profile

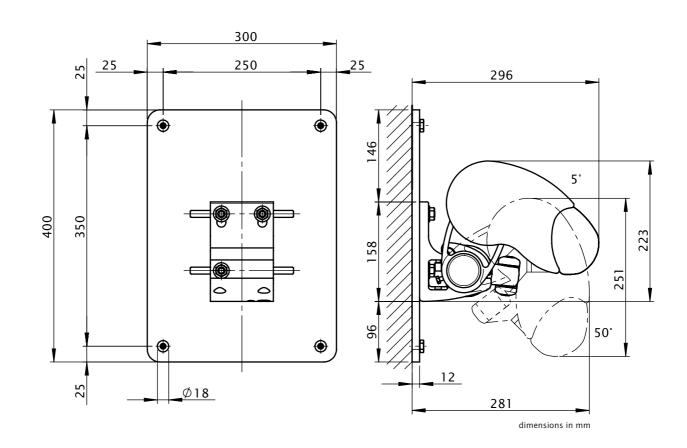


# Face fixture with shadeplus and spreader plate B

Pull-out force [N=Newton] per fixture point according to EN 13561, wind resistance class 2

		•	compr	essior	1-proo	f subs	trate		ı	ī	no	on con	npress	ion-p	roof s	ubstra	te	
				N	1 [cm	1]							N	1 [cm	1]			
	260	310	360	410	460	510	560	610	660	260	310	360	410	460	510	560	610	660
H [cm]					FB [N	]								FB [N	]			
150	181	207	234	261	287	314	341	368	394	188	216	244	272	300	328	356	383	411
200	273	314	355	396	436	477	518	559	600	284	327	370	412	455	498	541	583	626
250		453	511	569	627	685	742	800	954		473	533	593	654	714	774	834	994
300			678	755	832	910	1103	1191	1279			707	787	868	949	1150	1242	1334
350				966	1193	1308	1422	1536				1	1007	1244	1364	1483	1602	-
HT   BHT			2   10	00mm			2	100m	m			2   10	00mm			2	100m	m
			-					1   45mr	n			-					1   45mr	n
ВР			:	2				2				:	2				2	
DP			_	-				1				_	-				1	
BM				3				10					3				10	

The pull-out force refers to the vertical centre to centre measurement between the fixture points of **350 mm**. In the case of spreader plates a washer conforming to DIN 9021 must be used.



M = overall awning width
H = extension
FB = pull-out force per fixing point
HT | BHT = bracket quantity | width
BP = no. of spreader plates
DP = no. of spacer plates
BM = no. of fixing points

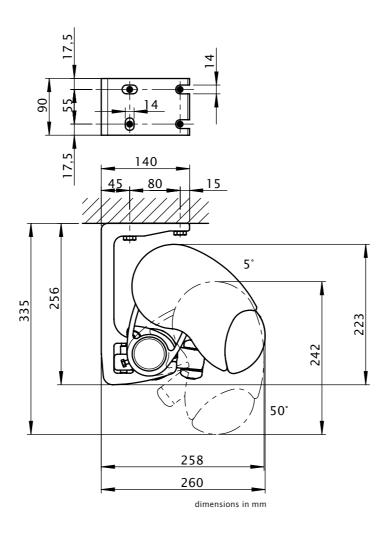
# Top fixture

Pull-out force [N=Newton] per fixture point according to EN 13561, wind resistance class 2

			comp	ressio	n-pro	of sub	strate		ı	1	n	on cor	npres	sion-p	roof s	ubstro	ite	
				N	1 [cm	1]							N	۱ [cm	1]			
	260	310	360	410	460	510	560	610	660	260	310	360	410	460	510	560	610	660
H [cm]					FB [N			-						FB [N				
150	594	681	768	855	942	1029	1116	1203	1290	759	870	980	1090	1200	1310	1421	1531	1641
200	883	1013	1143	1273	1404	1534	1664	1794	1925	1138	1305	1472	1639	1806	1973	2141	2308	2475
250		1460	1643	1826	2009	2191	2374	2557	3069		1892	2128	2364	2600	2836	3072	3308	3977
300			2179	2423	2668	2912	3557	3839	4121			2831	3148	3466	3783	4624	4990	5357
350				3105	3863	4230	4596	4963	5647				4044	5035	5512	5989	6466	7360
400					4846	5308	5770	6233						6324	6927	7530	8133	
HT   BHT			2   90 m	m			2   9	0 mm			;	2   90 m	m			2   9	0 mm	
, 5		1   45mm														1   4	15mm	
BM			8				1	0	·			8				1	0	

The pull-out force refers to the horizontal centre to centre separation of the fixture point of 80 mm. If the awning is fitted with two brackets per folding arm the pull-out force may be halved. Place the brackets directly left and right of the arm bearer.

M = overall awning width
H = extension
FB = pull-out force per fixing point
HT | BHT = bracket quantity | width
BM = no. of fixing points



# Top fixture with shadeplus

Pull-out force [N=Newton] per fixture point according to EN 13561, wind resistance class 2

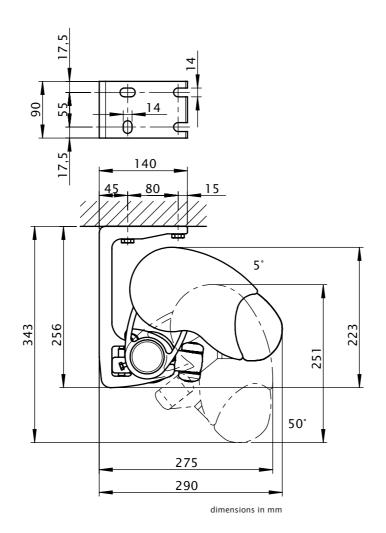
compression-proof substrate

non compression-proof substrate

	M [cm]										M [cm]								
										260 310 360 410 460 510 560 610 660									
	260	310	360	410	460	510	560	610	660	260	310	360	410	460	510	560	610	660	
H [cm]		FB [N]									FB [N]								
150	685	790	894	999	1103	1207	1312	1416	1521	879	1012	1145	1279	1412	1545	1678	1811	1944	
200	1004	1158	1311	1465	1619	1772	1926	2079	2233	1298	1495	1693	1891	2088	2286	2484	2682	2879	
250		1641	1853	2065	2277	2489	2701	2913	3455		2130	2404	2679	2953	3227	3502	3776	4483	
300			2431	2711	2990	3270	3949	4266	4583			3163	3526	3889	4252	5139	5551	5964	
350				3441	4239	4647	5054	5461					4484	5528	6059	6590	7120		
HT   BHT	2   90 mm 2   90 mm							m	2   90 mm							2   90 mm			
ווון סווון							1   45mm										1   45mm		
ВМ		8								8						10			

The pull-out force refers to the horizontal centre to centre separation of the fixture point of **80 mm**. If the awning is fitted with two brackets per folding arm the pull-out force may be halved. Place the brackets directly left and right of the arm bearer.

M = overall awning width
H = extension
FB = pull-out force per fixing point
HT | BHT = bracket quantity | width
BM = no. of fixing points



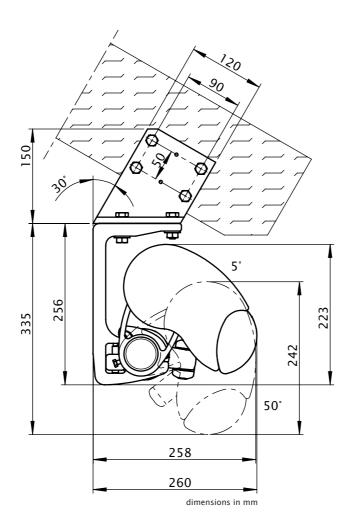
# **Eaves/Roof timber fixture**

Pull-out force [N=Newton] for the fixture bracket next to the arm according to EN 13561, wind resistance class 2

	Torque II										shear force II									
		M [cm]										M [cm]								
	260	310	360	410	460	510	560	610	660	260	310	360	410	460	510	560	610	660		
H [cm]		Md [Nm]									FS [N]									
150	111	127	142	158	174	189	205	221	236	1365	1563	1762	1961	2159	2358	2557	2755	2954		
200	172	196	221	246	271	295	320	345	370	2038	2338	2637	2937	3237	3537	3836	4136	4436		
250		290	326	362	398	433	469	505	610		3381	3804	4226	4649	5071	5493	5916	7106		
300			439	487	536	585	717	774	831		-	5054	5620	6186	6753	8252	8906	9560		
350			-	631	787	861	936	1010	1151		-	-	7212	8976	9827	10678	11529	13121		
400					994	1088	1182	1277						11269	12343	13418	14492			
HT	2 3							3				2			3					
BM			8				1	2				8		12						

The shear force are calculated from 2 fixture points per bracket, because depending on the roof pitch it cannot be guaranteed that 4 fixture points per bracket can used.

M = overall awning width
H = extension
Md = torque value for the bracket next to the arm
FS = shear force
HT = bracket
BM = no. of fixing points

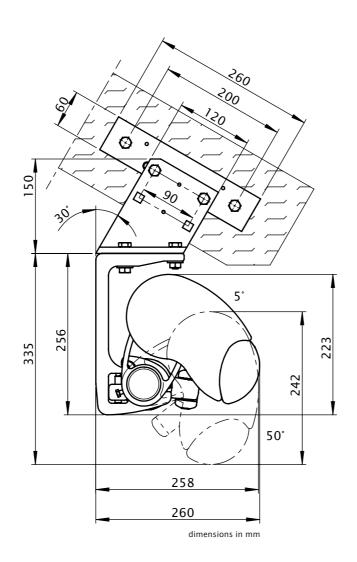


# Eaves fixture with additional plate

Pull-out force [N=Newton] for the fixture bracket next to the arm according to EN 13561, wind resistance class 2

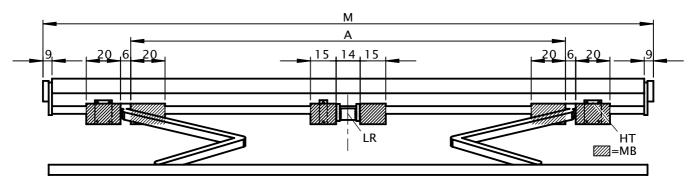
	Torque II										shear force II								
	M [cm]										M [cm]								
	260	310	360	410	460	510	560	610	660	260	310	360	410	460	510	560	610	660	
H [cm]	Md [Nm]									FS [N]									
150	111	127	142	158	174	189	205	221	236	686	789	892	995	1098	1201	1304	1408	1511	
200	172	196	221	246	271	295	320	345	370	989	1137	1286	1434	1583	1732	1880	2029	2178	
250		290	326	362	398	433	469	505	610		1607	1811	2015	2218	2422	2626	2830	3379	
300			439	487	536	585	717	774	831			2373	2642	2910	3179	3867	4175	4483	
350				631	787	861	936	1010	1151				3358	4166	4562	4959	5356	6086	
400					994	1088	1182	1277						5198	5695	6192	6689		
HT	2 3								2						3				
BM			4					5		4						6			

By using the additional flat plate, the shear force is reduced in comparison with conventional eaves fixture.



M = overall awning width
H = extension
Md = torque value for the bracket next to the arm
FS = shear force
HT = bracket
BM = no. of fixing points

## Bracket range for awnings with 2 folding arms



dimensions in cm

M [cm]		SB	260	310	360	410	460	510	560	610	660			
M [cm]		ZB	174-260	261-310	311-360	361-410	411-460	461-510	511-560	561-610	611-660			
			A [cm]											
		150	154 ■	220	250	280	320	390	425	460	500			
		200	204 ▲	204 ■	250	280	320	390	425	460	500			
H [cm]		250		254 ▲	254 ■	280	320	390	425	460	500			
		300			304 ▲	304 ■	320	390	425	460	500			
		350				354 ▲	370 ■	390	425	460	500			
		400					404 ▲	425 ■	425	460				
W	_ 45 mm						1							
VV	BHT	100 mm			2			2						
DE	_	45 mm				1								
DL	노	90 mm			2			2						
DA	_	90 mm				3								

dimensions in cm

- ▲ = Please note the minimum widths, dimension A is only valid for standard arms (dimension A is 13 cm smaller in the case of bespoke arms.)! In the case of narrow awning widths the brackets can only be fitted inside the arms, i.e. within dimension A.
- = coupled units are only available with junction roller in the standard widths, in other widths on request

M = overall awning width
A = arm position
HT = bracket
MB = range for bracket fixture
LR = Rolltex bearing with bracket is always situated under the central seam (depends on the width)
SB = standard width
ZB = intermediate width

H = extension W = face fixture

DE/DA = top fixture and eaves fixture HT | BHT = bracket quantity | width

If the brackets cannot be positioned in accordance with this table, make sure the actual measurements are noted on the order form!

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