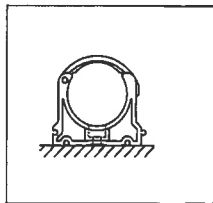


Advised Installation Distance VDL Tube Clamps, Art.code 5.25.****

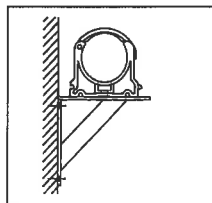
Datum: 01.06.2012

VDL Art.code	Nominal size [mm]	Advised Installation distance for use with PVC-U PN 10 / 16 tube at 20° C			Advised Installation distance for use with PVC-U PN 10 / 16 tube at 30° C			Advised Installation distance for use with PVC-U PN 10 / 16 tubes at 40° C			Advised Installation distance for use with PVC-U PN 10 / 16 tube at 50° C			Advised Installation distance for use with PVC-U PN 10 / 16 tube at 60° C		
		Mounting position:			Mounting position:			Mounting position:			Mounting position:			Mounting position:		
		A/B/C/D	E	F	A/B/C/D	E	F	A/B/C/D	E	F	A/B/C/D	E	F	A/B/C/D	E	F
5.25.010	10	300	300	300	255	255	255	210	210	210	180	180	180	150	150	150
5.25.012	12	300	300	300	255	255	255	210	210	210	180	180	180	150	150	150
5.25.016	16	400	400	400	340	340	340	280	280	280	240	240	240	200	200	200
5.25.020	20	400	400	400	340	340	340	280	280	280	240	240	240	200	200	200
5.25.025	25	400	400	400	340	340	340	280	280	280	240	240	240	200	200	200
5.25.032	32	400	400	400	340	340	340	280	280	280	240	240	240	200	200	200
5.25.033	32	500	500	500	425	425	425	350	350	350	300	300	300	250	250	250
5.25.040	40	580	580	580	493	493	493	406	406	406	348	348	348	290	290	290
5.25.050	50	640	640	640	544	544	544	448	448	448	384	384	384	320	320	320
5.25.063	63	720	720	720	612	612	612	504	504	504	432	432	432	360	360	360
5.25.075	75	800	800	800	680	680	680	560	560	560	480	480	480	400	400	400
5.25.090	90	880	880	880	748	748	748	616	616	616	528	528	528	440	440	440
5.25.110	110	960	900	900	816	765	765	672	630	630	576	540	540	480	450	450
5.25.125	125	1,020	*	*	867	*	*	714	*	*	612	*	*	510	*	*
5.25.140	140	1,080	*	*	918	*	*	756	*	*	648	*	*	540	*	*
5.25.160	160	1,160	*	*	986	*	*	812	*	*	696	*	*	580	*	*

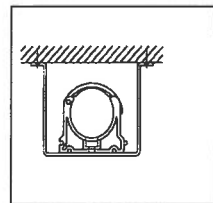
* = Not advised for mounting horizontally to the wall and for ceiling mounting, this is only possible with special support brackets (see drawings B and C).



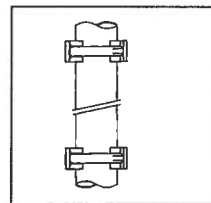
Mounting position: A
Mounted to the floor



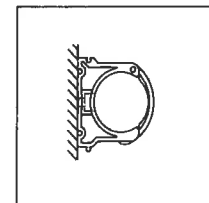
Mounting position: B
Mounting to the wall,
supported horizontally



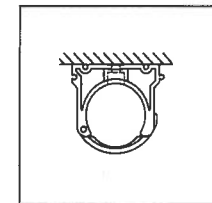
Mounting position: C
Mounting to the ceiling
supported horizontally



Mounting position: D
Mounting to the wall
Vertically



Mounting position: E
Mounting to the wall
horizontally



Mounting position: F
Mounting to the ceiling

Conditions with respect to the above mentioned Advised Installation Distance:

- VDL Tube Clips should be mounted on a flat and stable surface.
In case of the use of C-Rails as support the flat closed side should be used.
In case a VDL Tube Clips should be mounted on the open side of the C-Rail, a steel plate under the VDL Tube Clip has to be positioned, so that the result is again a flat and stable surface.
- In all types of applications reliable fastening materials should be used. Only the application of bolts or screws with a flat surface on the lower end of the head in combination with a washer is allowed.
Bolts and screws with a countersunk head may not be used.
- The mentioned advised spacing is applicable for PVC-U pipes in the pressure rating PN 10 or PN 16, filled with water at the temperature as mentioned. The mentioned spacings are only valid in case of a static load. Dynamic loads which can occur when a pump is started or in cases of opening and closing of valves are not considered and will in praxis make extra support necessary. Also in case of installation of heavy accessories such as valves and filters extra support of the pipe system should be considered.
This goes also for horizontal pipes on which a long vertical pipes are hanged.
- When in combination with VDL Tube Clips the VDL Filling Blocks are used, the above mentioned spacing may be taken. This is again only possible when reliable fasteners are applied.