

DDL[®] Euro Glider OM-XL

Installation guide for plastic casing spacers for carrier pipes DN 350 – DN 1400

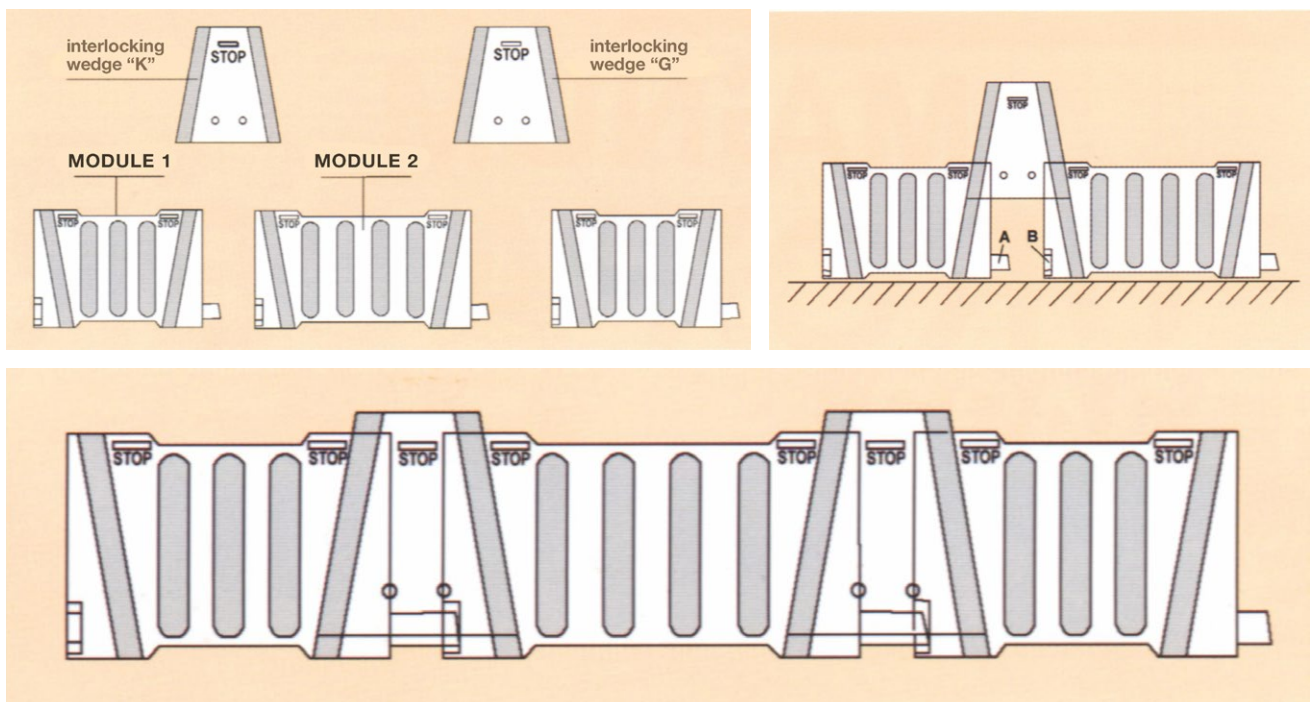
OM-XL/1 (324 mm long module, with 3 webs, rounded glide surface)

OM-XL/2 (408 mm long module, with 4 webs, rounded glide surface)

Interlocking wedge S (non-metallic tensioning piece for connecting the individual modules)

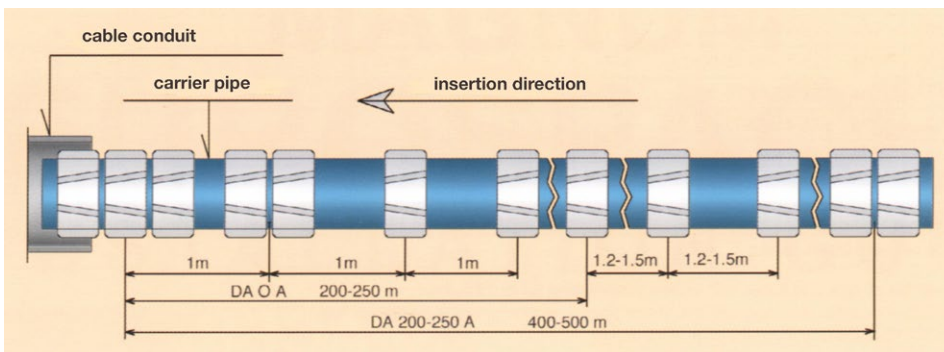
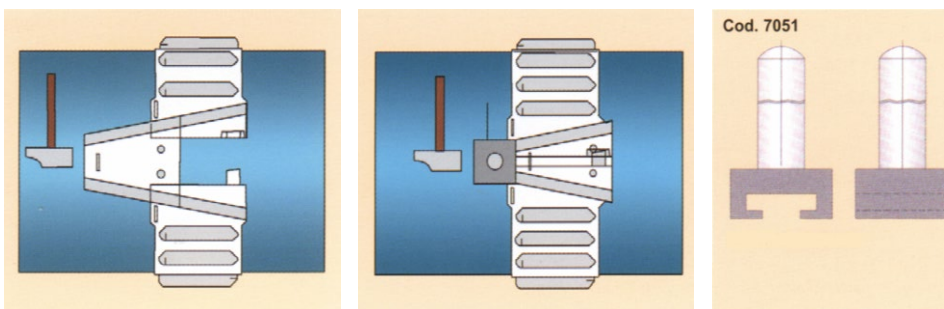
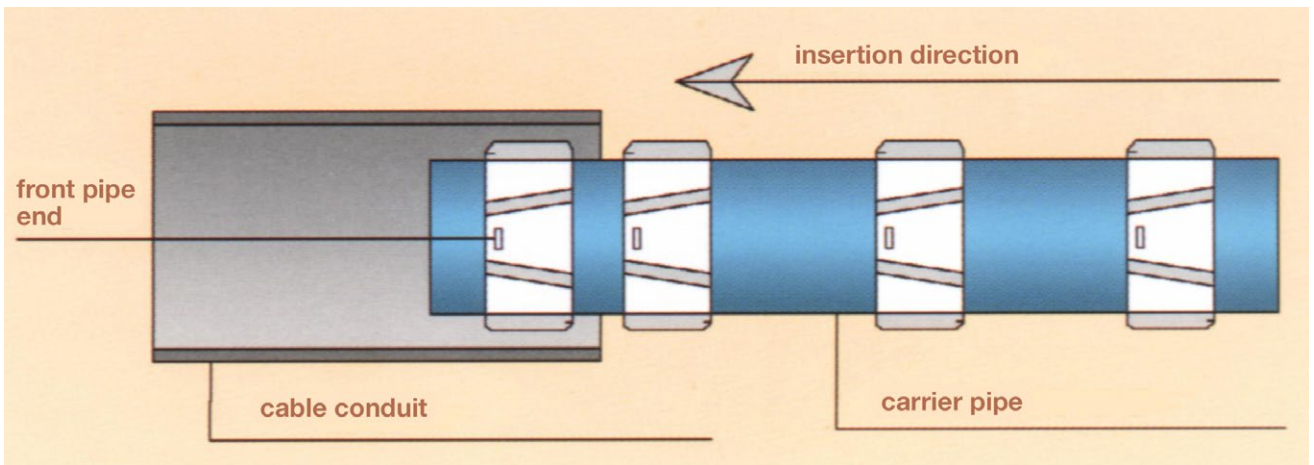
1. Get the necessary amount of modules type 1 or 2 and interlocking wedges type S ready (use the OM-XL Euro Glider selection chart on the last page).
2. Pre-assembly: Assemble the casing spacer ring on a flat surface by placing the modules OM-XL 1 or 2 beside each other and inserting the interlocking wedges type S into the guide rails of the individual modules. Hit the wedges with a hammer until the marking "STOP" of the wedge is on a level with the adjoining modules. Make sure that the fastening strap A seizes the receiving pocket B of the adjoining module.

Caution: Do not mount any interlocking wedges at the open ends of the casing spacer ring during the pre-assembly!



3. Assembly of the pipe: Place the pre-assembled casing spacer rings on the carrier pipe so that the tip of the interlocking wedges point toward the pipe's insertion direction. Place the casing spacer ring around the pipe and connect the open ends with an interlocking wedge (as explained in 2.). If the interlocking wedge needs to drive in deeper, please use the necessary tools.

For great insertion lengths (> 150 m) with carrier pipe diameters larger than DN 1000, please follow the installation guide for positioning the casing spacer rings.



- For mounting casing spacer rings on carrier pipes with a special sleeve/connection technique, please follow the installation guide (image 9). You can find out the distance between the casing spacer rings in the chart below. However, you should install additional casing spacer rings directly behind and in front of the pipe connection. The casing spacer rings should be about 12–15 mm higher than the maximum diameter of the sleeve connection.

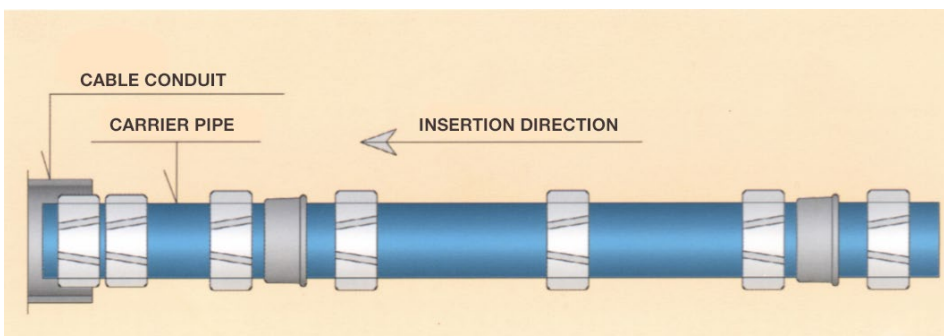


image 9

DN	Ø Min [mm]	Ø Max [mm]	Height [mm]	Type and amount of OM-XL modules per casing spacer ring			D = distance bet. casing spacer rings		
				Module 1	Module 2	Interlocking wedge S	Webs	Water	Gas
400 (16")	396	415	25-41-60-75-90		3	3	12	2	2
450 (3/4")	447	473	25-41-60-75-90	3	1	4	13	2	2
500 (1")	501	526	25-41-60-75-90	1	3	4	15	2	2
550 (1")	552	584	25-41-60-75-90	4	1	5	16	2	2
600 (1")	606	638	25-41-60-75-90	2	3	5	18	2	2
650 (2")	659	691	25-41-60-75-90		5	5	20	2	2
700 (2")	684	722	25-41-60-75-90	4	2	6	20	2	2
750 (2")	738	776	25-41-60-75-90	2	4	6	22	2	2
800 (3")	791	829	25-41-60-75-90		6	6	24	2	2
850 (56")	843	887	25-41-60-75-90	3	4	7	25	2	2
900 (56")	896	941	25-41-60-75-90	1	6	7	27	2	2
950 (56")	948	999	25-41-60-75-90	4	4	8	28	2	2
1000 (56")	1001	1052	25-41-60-75-90	2	6	8	30	2	2
1050 (56")	1053	1110	25-41-60-75-90	5	4	9	31	2	2
1100 (56")	1106	1164	25-41-60-75-90	3	6	9	33	1,5	2
1150 (56")	1133	1190	25-41-60-75-90	2	7	9	34	1,5	2
1200 (56")	1211	1275	25-41-60-75-90	4	6	10	36	1,5	2
1250 (56")	1238	1302	25-41-60-75-90	3	7	10	37	1	1,5
1300 (56")	1292	1355	25-41-60-75-90	1	9	10	39	1	1,5
1350 (56")	1317	1387	25-41-60-75-90	5	6	11	39	1	1,5
1400 (56")	1397	1467	25-41-60-75-90	2	9	11	42	1	1,5
Larger DN 1400 on request									

Abbreviations:

DN = pipe dimension (inside diameter) Ø Min = minimum outside diameter of carrier pipe in mm
H = web height in mm Ø Max = maximum outside diameter of carrier pipe in mm
D = distance in m

Material: high-density polyethylene

Formula for calculating the necessary amount of rings:

N = amount of necessary casing spacer rings A = distance between casing spacer rings
L = pipe length 1 = additional ring for free pipe end

$$N = \frac{L}{A} + 1$$

The purchaser of the DDL casing spacers is responsible for its suitability for use and for all damages (immediate or consequential) resulting from improper installation.