



## HINGED POLES



Hinged poles are used in connection with lighting installations at sports facilities, harbour areas, steep slopes and other locations where access with service lifts is impossible or very difficult.

By using the pole's tilting function, the upper half of the pole can be lowered, making it easy to service the luminaires at normal working height above ground. The pole can be operated by one person using either a manual or an electric winch, which both lowers and raises the pole.

The hinged poles can be fitted with all types of traverses for luminaires. See separate brochure for traverses. The hinged poles are CE marked with load calculations in accordance with EN 40 and, for heights above 15 m, in accordance with Eurocode 1.

The hinged pole is manufactured in hot-dip galvanised steel in accordance with DS/EN 1461 and is supplied with a base flange for mounting on a cast concrete foundation.

Alternatively, steel foundations for direct burial can be supplied.

### Type BM

Light-duty pole with pulley for manual operation of the pole's tilting function. Supplied in the following HOT: 5.5 - 8 - 9 - 10 - 12 - 14 metres.

### Type BMT

Heavy-duty pole with manually or electrically operated winch for the pole's tilting function. Supplied in the following HOT: 10 - 12 - 14 - 16 - 18 - 20 - 25 metres.

Poles with integrated arms can be supplied with mounting heights from 5.5 to 12.0 m.



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EAN/ El-nummer	Pole type	Hot. (m)	Spec.	Max top load/ kg/ m <sup>2</sup>	Top/Base Ø (mm)	Bolt	Base flange c/c (mm)	Door height (mm)	M (kNm)	T (kN)	
5310734010	BM RC	5,5	Roundconical	40 kg/0,89 m <sup>2</sup>	60/150	16/14x300	200	500	6,31	1,55	
5310734011	BM RC	8	Roundconical	43 kg/0,67m <sup>2</sup>	60/167	20/18x400	300	500	11,19	2,05	
5310734013	BM RC	9	Roundconical	45 kg/0,64 m <sup>2</sup>	60/182	20/18x400	300	500	14,04	2,35	
5310734014	BM RC	10	Roundconical	45 kg/0,61 m <sup>2</sup>	60/200	20/18x400	300	500	15,98	2,55	
5310734040	BM RC	12	Roundconical	49 kg/0,56 m <sup>2</sup>	60/235	20/18x400	300	500	22,13	3,22	
5310734039	BMT RC	10	Roundconical*	120 kg/1,56 m <sup>2</sup>	89/267	20/18x400	300	500	25,82	3,34	
5310734027	BMT RC	12	Roundconical	129 kg/1,86 m <sup>2</sup>	89/256	25/24x600	300	500	41,03	4,31	
5310734036	BMT RC	14	Roundconical	92 kg/0,95 m <sup>2</sup>	89/256	25/24x600	300	500	35,84	3,65	
5310734055	BMT P	15	Poly. conical	121kg/3,37 m <sup>2</sup>	150/342	12xD 25/24x820	430	500	101,43	9,97	
5310734056	BMT P	16	Poly. conical	100 kg/2,54 m <sup>2</sup>	137/342	12xD 25/24x820	430	500	98,91	9,58	
5310734057	BMT P	18	Poly. conical	172 kg/2,10 m <sup>2</sup>	137/368	12xD 25/24x820	450	500	116,67	10,89	
5310734058	BMT P	20	Poly. conical	174 kg/1,95 m <sup>2</sup>	137/395	12xD 25/24x820	470	500	139,32	12,26	
59	BMt P	22	U	178 kg/2,69 m <sup>2</sup>	162/464	16xD 25/24x820	550	500	199,54	15,75	
69	BMt P	23	U	182 kg/3,52 m <sup>2</sup>	190/504	20xD 25/24x820	590	500	252,29	18,54	
5310734070	BMT P	25	Poly. conical	133 kg/2,25 m <sup>2</sup>	162/504	20xD 25/24x820	590	500	234,51	17,95	
52	BMT PA	18	U	71 kg/1,47 m <sup>2</sup>	110/342	12xD 25/24x820	430	500	87,87	87,7	
53	BMt PA	20	U	126 kg/1,17 m <sup>2</sup>	110/368	12xD 25/24x820	450	500	101,11	91,7	
5310734015	BMT MW	Manual winch							21		
5310734018	BMT EW	Electric winch							32		

\*Suitable for camera installation

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Rope with block is available on request, depending on pole length. Poles where the letter A is included in the type designation are supplied with a 2 m extension tube.

Top load  $m^2/kg$  is stated in accordance with EN 40 and \*) Eurocode 1, with a basic wind speed of 24 m/s at terrain category II – agricultural land with shelter belts, scattered farm buildings, houses or trees.

For other wind speeds and terrain categories, DAV NORDIC should be contacted.

The poles can be operated by one person using a manual pulley, a manual winch or an electric winch, all of which both lower and raise the pole.

The poles are supplied both in a light-duty version up to 12 metres in height and in a heavy-duty version up to 25 metres in height.

The 8-sided conical and 12-sided conical poles are hinged above the midpoint of the pole. The poles are manufactured in



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