



Parque DAEL, Póvoa de Lanhoso, Portugal DAEL'S Park, Póvoa de Lanhoso, Portugal

COLUNA QUADRADA (SQ)

Constituição

Fuste de secção quadrada, com comprimentos até 12 m.

Tipo de fixação

Fixação por flange até 12m.
Fixação por enterramento até 10m.

Matéria-Prima

Tubo de aço de perfil quadrado, com especificações segundo a norma EN 10219.
Material com aptidão à soldadura por alta frequência e com propriedades químicas adequadas à galvanização a quente.

Body

Columns composed with square section up to 12m in height.

Attachment to the ground

By flange plate and anchor bolts up to 12m.
Ground planted up to 10m.

Raw Material

Hot rolled steel plate with characteristics according to standard EN 101219.
Steel suitability for high frequency welding and with chemical properties suitable for hot-dip galvanization.

Soldadura

Processo MIG-MAG com adição de material.

Galvanização

Galvanização interior e exterior por imersão a quente, de acordo com a norma ISO1461.

Dimensionamento

Dimensionadas segundo a norma EN-40.
Verificação do comportamento mecânico com recurso a análises de elementos finitos.

Welding

MIG-MAG process with material addition.

Galvanization

Inner and outer hot-dip galvanization, according to ISO1461 standard.

Design

Designed according to EN-40 standard.
Verification of mechanical behavior using finite element analysis.

Acessórios opcionais

Montagem de braços do tipo: Simples, Duplo, Triplo ou Quádruplo.
Montagem de adaptações para projectores.

Acabamento

Galvanizado natural.
Galvanizado e pintado/lacado (RAL à escolha).

Optional accessories

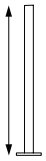
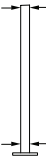
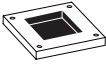
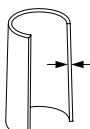
Assembly of the following types of brackets: Single, Double, Triple or Quadruple.
Assembly of brackets for projectors.

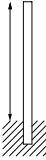
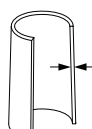
Finishing

Natural galvanized.
Galvanized and painted/lacquered (RAL to choose).

Características técnicas

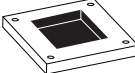
Technical characteristics

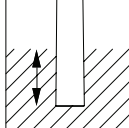
SÉRIE SQF									
Código	m	mm	mm	mm	Tipo	Tipo	Tipo	Kg	mm
SQF-3000	3	100	400	500	A	M16	M1	34	3
SQF-4000	4	100	400	500	A	M16	M1	44	3
SQF-5000	5	100	400	500	A	M16	M1	56	3
SQF-6000	6	120	500	500	A	M16	M1	72	3
SQF-7000	7	160	500	500	B	M20	M3	118	3
SQF-8000	8	160	500	500	B	M20	M3	180	4
SQF-9000	9	200	500	500	B	M20	M3	240	4
SQF-10000	10	200	500	500	B	M22	M3	265	4
SQF-11000	11	200	500	500	B	M22	M3	355	5
SQF-12000	12	200	500	500	B	M22	M3	382	5

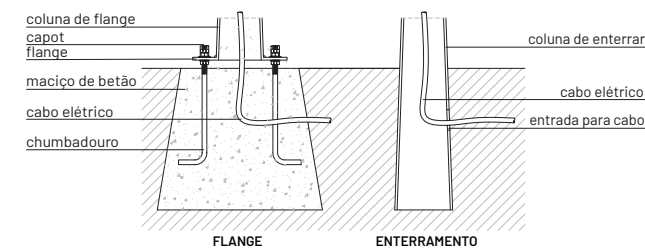
SÉRIE SQE							
Código	m	mm	mm	mm	mm	Kg	mm
SQE-3000	3	60	800	500	500	39	3
SQE-4000	4	60	800	500	500	49	3
SQE-5000	5	60	1000	500	500	60	3
SQE-6000	6	60	1000	500	500	79	3
SQE-7000	7	60	1000	500	500	122	3
SQE-8000	8	60	1200	500	500	191	4
SQE-9000	9	60	1200	500	500	262	4
SQE-10000	10	60	1500	500	500	287	4

Tipo de fixação

Attachment to the ground

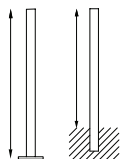
TIPO DE FLANGE FLANGE TYPE	D	d
		
		
TIPO A	300	200
TIPO B	400	300

PROFUNDIDADE DE ENTERRAMENTO BURIAL DEPTH		
		
< 4m	800mm	
5m - 7m	1000mm	
8m - 9m	1200mm	
10m	1500mm	
11m - 12m	1700mm	

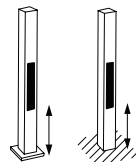


Nomenclatura

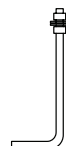
Symbol meaning



Altura acima do solo (mm)
Above the ground height (mm)



Altura desde o nível do solo até
ao bordo inferior da porta (mm)
Height from the ground level to
the bottom of door opening (mm)



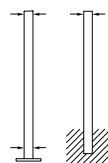
Chumbadouros
Anchor bolts



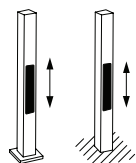
Peso total (kg)
Total weight (kg)



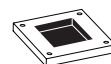
Maciço de betão
Concrete block



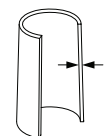
Distância entre faces no topo
da coluna (mm)
Distance between faces at the
column top (mm)



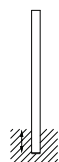
Altura da porta (mm)
Door opening height (mm)



Tipo de flange
Flange plate type



Espessura de
parede (mm)
Wall thickness (mm)



Profundidade de
enterramento (mm)
Ground planted part depth (mm)

As especificações são indicativas, sujeitas a alterações sem
pré-aviso. Para mais informação, por favor consulte-nos.

Specifications are indicative, subject to change without notice.
For more information, please consult us.

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