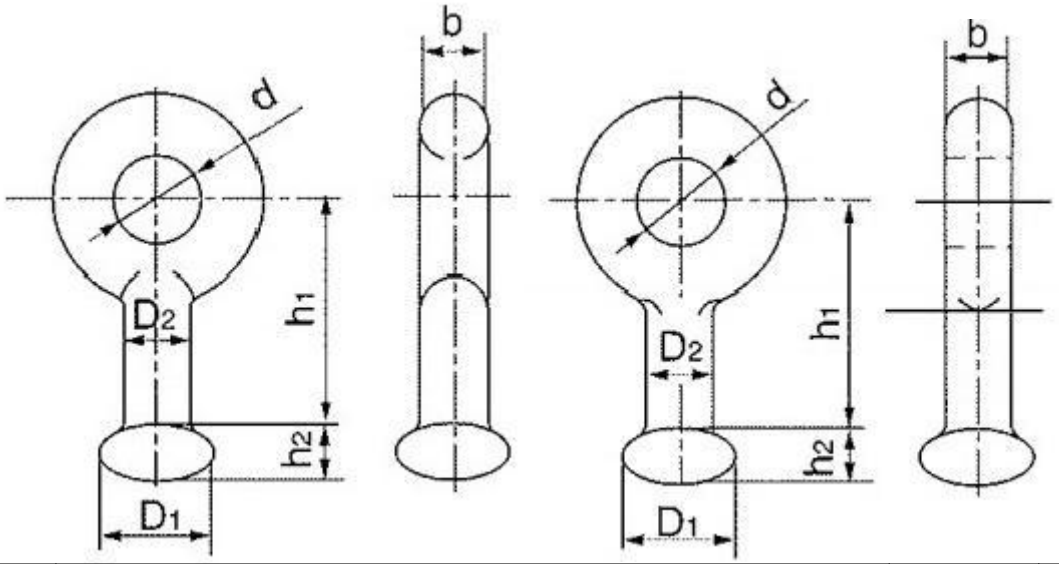
Overview

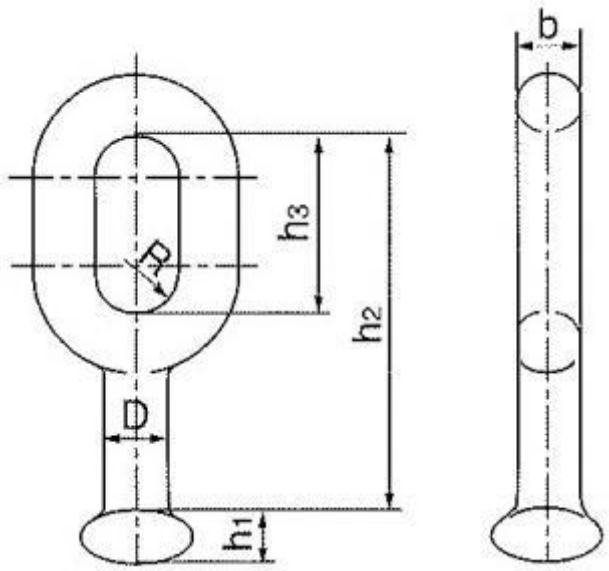
all eyes are used to attach ball and socket insulators to other associated hardware. The use of the ball oval eye and an anchor shackle is one of the most common distribution tower attachment combinations.

Ball Eyes (Type Q&QP)
Hot-dip galvanized steel.



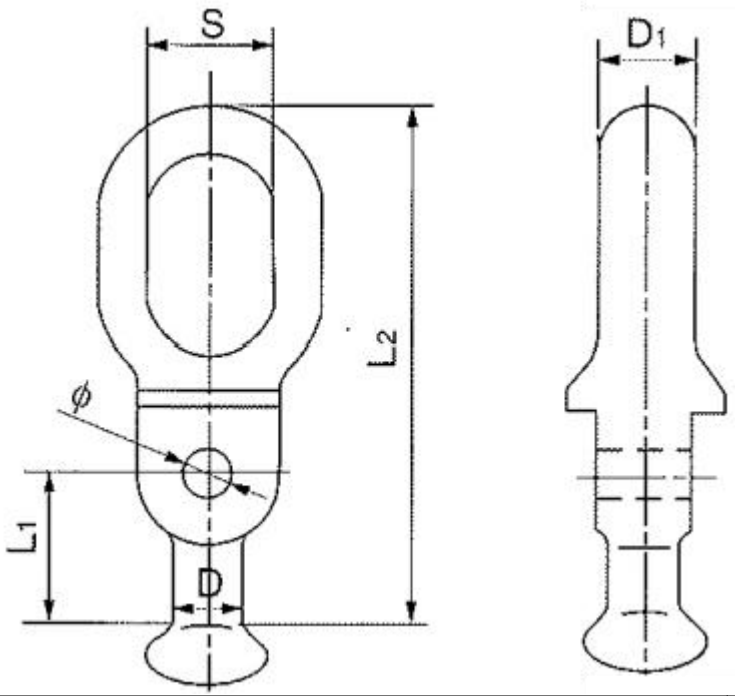
Catalog No.	Suitable Insulator	Dimensions(mm）						Raled Failure Load(kN)	Weight(kg)
		Di	D2	d	b	h1	h2		
Q-7	XP-7	33.3	17	22	16	50	13.4	70	0.3
QP-7	XP-7	33.3	17	20	16	50	13.4	70	0.3
QP-10	XP-10	33.3	17	20	16	50	13.4	100	0.3
QP-16	XP-16	41	21	26	20	60	19.5	160	0.5
QP-20	XP-20	49	25	30	24	80	21	200	1
QP-21D	XP-21	41	21	29	24	70	19.5	210	1
QP-30	XP-30	49	25	39	30	80	21	300	1.1

Ball Eyes (Type QH)
Hot-dip galvanized steel.



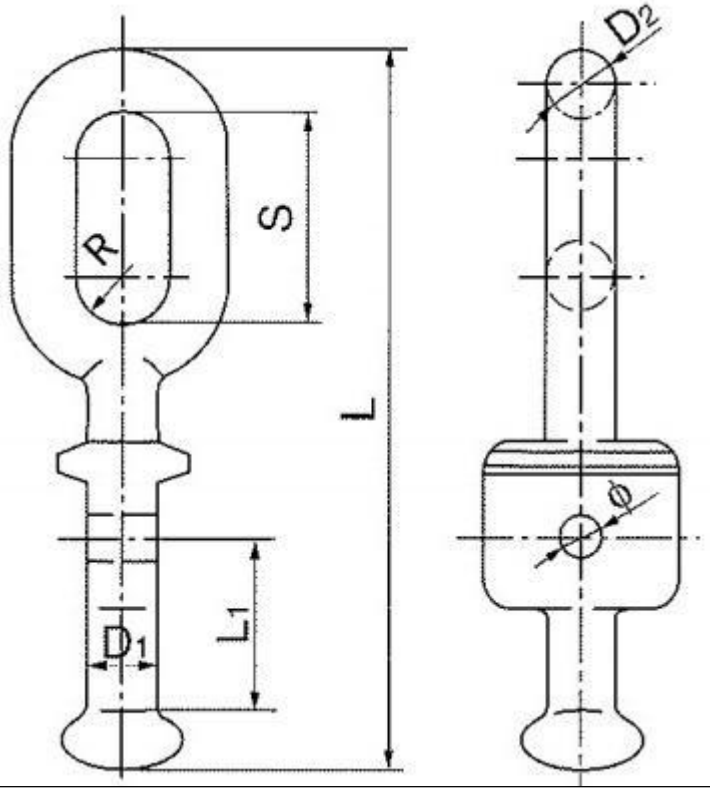
Catalog No.	SuitalbleInsulator	Dimensions(mm)						Rated Failure Load(kN)	Weight(kg)
		hi	h2	h3	R	D	b		
QH-7	XP-7	13.4	114	57	11	17	16	70	0.6

Ball Eyes(Parallel Type)
Hot-dip galvanized steel.



Catalog No.	Suitable Insulator	Dimensions(mm)						Rated Failure Load(kN)	Weight(kg)
		Li	L2	S	D	Di	φ		
Q-7M	XP-7	60	130	18	16	16	14	70	1
Q-12M	XP-12	70	145	22	18	18	14	120	1.3

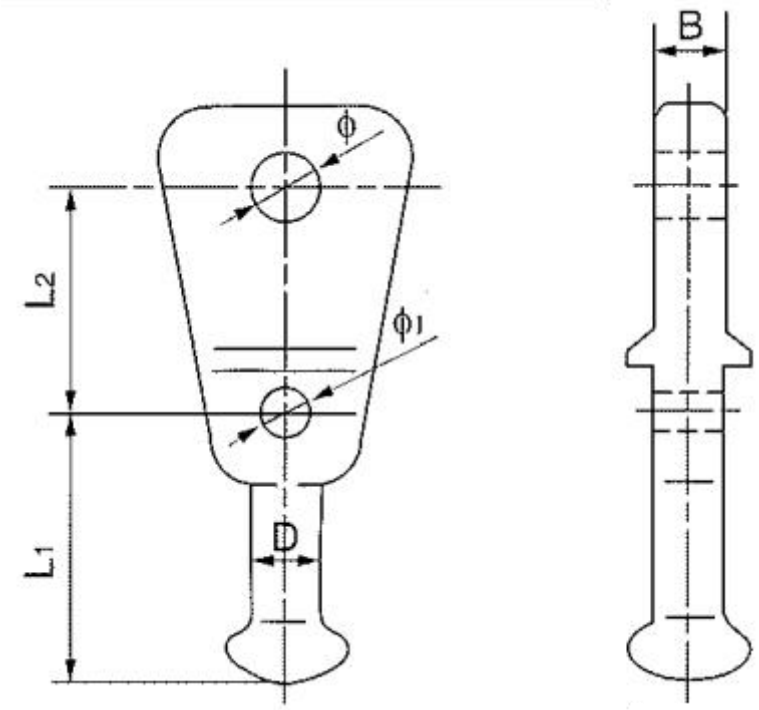
Ball Eyes (Perpendicular Type)
Hot-dip galvanized steel.



Catalog No.	Suitable Insulator	Dimensions(mm)							Rated Failure Load(kN)	Weight(k
		L	Li	D1	JD2	S	R	φ		

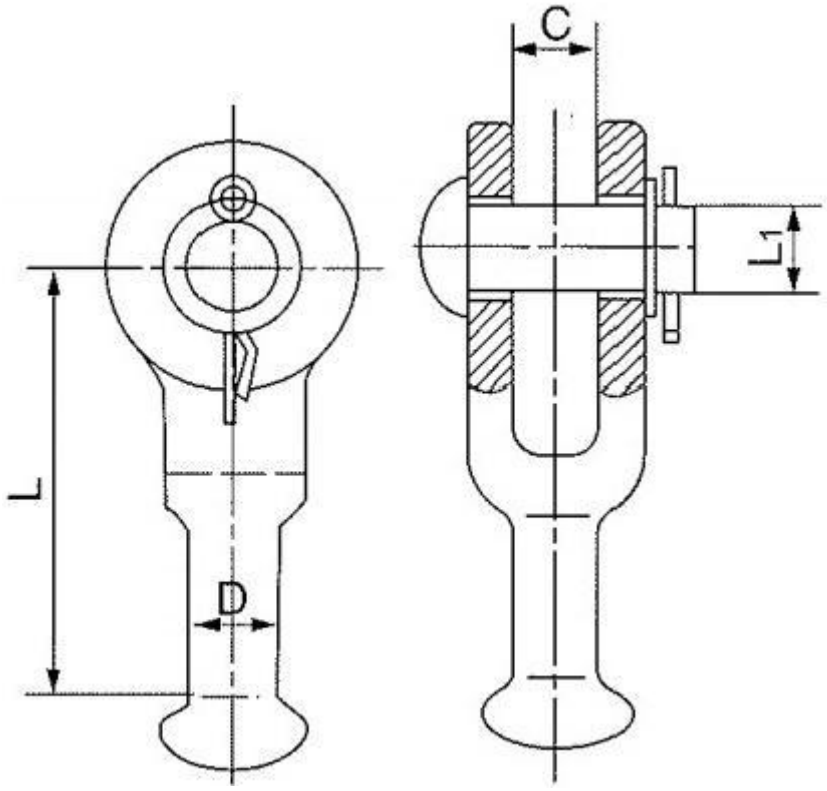
Q-7N	XP-7	170	42	17	16	50	12.5	14	70	1.2
Q-12N	XP-12	185	48	17	20	56	15	14	120	1.5

Ball Eyes
Hot-dip galvanized steel.



Catalog No.	Suitable Insulator	Dimensions(mm)						Rated Failure Load(kN)	Weight(kg)
		L1	L2	D	φ	φ1	B		
Q-7P	XP-7	70	60	17	20	14	16	70	1.1
Q-12P	XP…12	70	65	17	24	14	18	120	1.3

U Type Ball Eyes
Hot-dip galvanized steel.



Catalog No.	Suitable Insulator	Dimensions(mm)				Raled Failure load(kN)	Weight(kg)
		C	Di	D	L		
Q-7U	XP-7	18	16	17	89	70	0.9
Q-12U	XP-12	22	22	17	95	120	1
Q-16U	XP-16	22.5	24	20	80	160	1

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