CATEGORY: PILLARS & FOUNDATIONS

Dia.300/Dia.350 ring-shaped equal-diameter prestressed concrete pole

Reference URL: https://en.chuangwit.com/pillar-foundation/ring-section-concrete-pillar.html

1. Product Overview

The Dia.300/Dia.350 ring-shaped equal-diameter prestressed concrete poles use a constant-diameter circular section, with low cost and good insulation, widely used on conventional railway OCS. Produced per the TB/T 2286 industry standard series, concrete grade C50 or above, types designated by diameter and length. Henan Chuangwit supplies the full specification range for project comparison and batch purchasing; inquiries welcome. Download Technical Datasheet (PDF) Ring-shaped equal-diameter prestressed concrete poles use a constant-diameter circular section; they cost less and insulate well, widely used on conventional-speed railway OCS.Produced to the TB/T 2286 series industry standard with concrete strength class at least C50; models are usually given directly by diameter and length, e.g. Dia.300, Dia.350 etc..

2. Published Technical Specifications & Parameters

Parameter	Published Value / Specification
Model	Dia.300/Dia.350
Standard	TB/T 2286-2020 (prestressed concrete poles for electrified railway OCS)
Operating Temperature	-40 deg C~+70 deg C
Altitude	<=4000m
Materials	Q235B/Q355Bsteel with hot-dip galvanizing, prestressed concrete, aluminium alloy (emergency repair)
Installation	direct burial/flange foundation installation, whole-mast erection
Common specifications	Dia.300, Dia.350 etc. (given by diameter and length)
Standard	TB/T 2286 series
Structure type	ring-shaped equal-diameter (circular section, constant diameter)
Concrete strength	at least C50
Foundation type	cup or flange foundation
Scope of application	supports of conventional-speed railway OCS

3. Operating Conditions

for sections, station OCS support structures, bearing suspension load, wind load and ice load.

4. Mechanical Performance

Standard test bending moments meet the TB/T 2286 class series; hot-dip galvanizing lasts at least 30 years and concrete pole crack resistance is type-tested.

Dia.300/Dia.350 ring-shaped equal-diameter prestressed concrete pole - Continued

5. Electrical Performance

with earthing terminal, meeting mast earthing and stray-current protection requirements.

6. Typical Applications

ring-shaped equal-diameter prestressed concrete poles on mainline sections Dia.300/Dia.350 are arranged by span and load on mainline sections. | Station throat areas: | ring-shaped etc.diameterprestressed concretemast Dia.300/Dia.350 work with head-span beams in multi-track station areas. | Emergency repair: | ring-shaped etc.diameterprestressed concretemast Dia.300/Dia.350 restore power supply quickly after storm-pole failures. | Corrosive environments: | ring-shaped etc.diameterprestressed concretemast Dia.300/Dia.350 use thickened hot-dip galvanizing in coastal corrosive environments.

Engineering & Quality Compliance Notice

Manufactured under ISO 9001 and CRCC product certification rules where applicable. All values mirror published site specifications.
Inquiry & Custom Engineering Support: info@chuangwit.com | Tel: +86-375-6051688 | https://en.chuangwit.com/contact/