

 <p>PG PARS CO شرکت پی جی پارس Corrosion control & Cathodic protection (سهامی خاص) / مهندسی حفاظت کاتدی (پارس) نوآوری و اجرا</p>	<h1>Data Sheet</h1>	
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Data Sheet for Cathodic Protection

00	09-05-2023	Issued for Comment	Z.Asadi	M.Fatehi	M.Tehrani
REV.	DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED



PG PARS CO

شرکت پی جی پارس Corrosion control & Cathodic protection
(سهامی خاص) سیستم های حفاظت کاتدی (پارسی، نواری و غیره)

Data Sheet

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Impressed Current Anodes (High Silicon Chromium Iron Anode)

Type Of Anode	Rod Type	<input checked="" type="checkbox"/>
	Tubular type	<input type="checkbox"/>
Figure	Single ended	<input checked="" type="checkbox"/>
	Double ended	<input type="checkbox"/>
	No end type	<input type="checkbox"/>
Chemical Composition	Carbon	0.7% - 1.1%
	Silicon	14.2% - 14.75%
	Chromium	3.25% - 5%
	Manganese	1.5%
	Molybdenum	0.2% Max
	Copper	0.50% Max
	Iron	Reminder
Dimension & Weight	Diameter	2 Inch (51 mm)
	Length	60 Inch (1525 mm)
	Head Diameter	3 Inch (76 mm)
	Surface Area	0.38 m ²
	Approx. Weight	55 lb. (22.5 kg)
Cable Connection To Anode	Lead caulking <input checked="" type="checkbox"/>	Pin Type <input type="checkbox"/>
Tail Cable	Single Jacket PVC	<input type="checkbox"/>
	Single Jacket HMWPE	<input type="checkbox"/>
	Double Jacket PVC/PVC	<input type="checkbox"/>
	Double Jacket XLPE/PVC	<input checked="" type="checkbox"/>
	Single Jacket PVDF	<input type="checkbox"/>
Double Jacket XLPVDF/HMWPE	<input type="checkbox"/>	
Encapsulation:	PVC Cap	<input checked="" type="checkbox"/>
	Heat Shrinkable Cap	<input type="checkbox"/>
	PVC & Heat Shrinkable cap	<input type="checkbox"/>
Consumption Rate	0.2 kg/ A year	
Output Current	3.8 A	
Life Time	25 years	
Lead Cable	No. of cores × CSA	1× 10 mm ²
	Type Copper Conductor	Cu/XLPE/PVC
	Length:	3 Meters