



## Heavy Duty Slurry Pump Parts With 14 Inch Inlet No Flash Burr And Draft Metal

Our Product Introduction

### Basic Information

- Place of Origin: CHINA
- Brand Name: horizontal-slurrypump.com
- Certification: ISO CE
- Model Number: OEM
- Minimum Order Quantity: 1 set
- Price: based on quantity
- Packaging Details: wooden case
- Supply Ability: 300sets monthly



### Product Specification

- Name: Gravel Pump Impeller For Marine
- Pump Model: 14/12G-G(H)
- Pump Inlet: 14inch Inlet
- Pump Outlet: 12 Inch Outlet
- Pump Material: High Chrome A05
- Original: China
- Highlight: centrifugal pump spare parts

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## Product Description

### No Flash, Burr And Draft Metal Heavy Duty Slurry Pump Parts With 14 Inch Inlet

#### Gravel pump spare parts material :

High chrome alloy: A05, A07, A49, etc.

Natural rubber: R08, R26, R33, R55, etc.

Other materials can be supplied as requirements .

#### Main parts name

Casting, shaft, throat bush, front liner, back liner, wear plate, case, cover, stuffing box, lantern restrictor, cover plate bolt, volute, throat bush, shaft sleeve, cover plate liner, frame plate liner ,neck ring, expeller ring,expeller, bearing assembly, volute liner, volute packing, bowl, bearing cartridge, cover plate liner, impeller,closed impeller, open impeller

#### OEM Service

We also provide OEM service according to customer's special requirements .

Here we list some OEM part codes for reference:

Impeller: 127, 147, 145, etc., such as C2127, D3147, E4147, F6147, G8147, G10147, FAM1247...

Volute liner, C2110, D3110, E4110, F6110, G10110, G12110, ...

#### 05 Chemical Composition:

C(%)	Cr(%)	Mn(%)	Si(%)	Ni(%)	Mo(%)	S(%)	P(%)
2.8-3.2	24-26	0.8-1.2	0.5-0.8	0.8-1.2	0.8-1.2	0.05Max	0.07Max

#### G(H) gravel pump material list for parts:

PUMP PARTS LIST					
Part Name	Material	Specification	HRC	Application	OEM Code
Liners & impellers	Metal	AB27: 23%-30% chrome white iron	≥56	Used for higher wear condition with pH between 5 and 12	A05
		AB15: 14%-18% chrome white iron	≥59	Used for higher wear condition	A07
		AB29: 27%-29% chrome white iron	43	Used for lower pH condition especially for FGD. It also can be used for low-sour condition and desulfuration installation with pH no less than 4	A49
		AB33: 33%-37% chrome white iron		It can transport oxygenated slurry with pH not be less than 1 such as phosphor-plaster, nitric acid, vii, phosphate etc.	A33
Expeller & expeller ring	Metal	B27: 23%-30% chrome white iron	≥56	Used for higher wear condition with pH between 5 and 12	A05
		Grey iron			G01
Shaft	Metal	Carbon steel			E05
Shaft sleeve, lantern ring/restrictor, neck ring, gland bolt	Stainless steel	4Cr13			C21
		304 SS			C22
		316 SS			C23
Joint rings & seals	Rubber	Butyl			S21
		EPDM rubber			S01
		Nitrile			S10
		Hypalon			S31
		Neoprene			S44/S42
		Viton			S50

#### Performance table:

Pump Model	Allowable	Clear Water Performance				Impeller. Dia. (mm)
	Max. Power	Capacity Q	Head	Speed	Max.Eff.	
	(kw)	m3/h	H (m)	n(r/min)	(%)	
6/4D-G	60	36-250	5-52	600-1400	58	378


8/6E-G	120	126-576	6-45	800-1400	60	378
10/8S-G	560	216-936	8-52	500-1000	65	533
10/8F-G	260	216-936	8-52	500-1000	65	533
10/8S-GH	560	180-1440	24-80	500-950	72	711
12/10F-G	260	360-1440	10-60	400-850	65	667
12/10G-G	600	360-1440	10-60	400-850	65	667
12/10G-GH	600	288-2808	16-80	350-700	73	950
14/12G-G	600	576-3024	8-70	300-700	68	864
16/14G-G	600	720-3600	18-44	300-500	70	1016
16/14TU-G	1200	324-3600	26-70	300-500	72	1270
18/16G-G	600	720-4320	12-48	250-500	72	1067
18/16TU-G	1200	720-4320	12-48	250-500	72	1067

#### Quality control system

Inspection and Detection:	
With various inspection and detection instruments ,like three-coordinate measuring instrument ,metallographic microscope, direct reading spectrometer ,Brinell hardness meter ,Vickers hardness meter, carbon and sulfur analyzer and other detection equipment,we can carry on the chemical composition analysis ,physical properties test ,coordinate measurement for various steel&steel materials	
Complete pump set inspection:	
We have performance testing platform for each batch pump inspection before delivery	
Quality control system for each set pump:	
Purchasing	1. Strict rules and procedures to choose the raw material supplier
	2. Each batch raw material will be tested by quality control department
Casting	1 .Melting:Chemical element analysis for raw material before and after stove .
	2. Moulding :Strict sand moulding qualified before iron liquid pouring for casting
	3. Cleaning semi-finished parts sand :Strict inspection on the appearance and size qualified before storage.
Machining	1.Self -inspection and inspection between different steps.
	2.First part inspection
	3.Procedures inspection
	4..Inspection before storage the mining AH slurry pumps
Assembling	1.Inspector tracks the whole process of assembly of slurry pumps
	2.Slurry Pump pressure inspection and fill out the testing table
	3.Painting inspection
	4.Performance testing and fill out the testing table
	5.Packing inspection of slurry pump
	6.Issue quality certificate

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