

## Unlined Horizontal Pump for Gravel SG/300G



### SG group of pumps Model: SG/300G (14/12G-G)

Unlined Horizontal Pumps for Gravel SG/300G is featured by a metal casing with no separate liners and no elastomer wear parts. The design features a hard metal casing and wear components and is capable of passing extremely large particles. They are typically used for pumping gravel, dredging, or pumping solids that are too large to be handled by type SH pumps. SG gravel pumps adopt larger impellers and heavier casing construction. Sizes range from 100mm to 400mm.

### Material Construction:

Description	Standard Material	Optional Material
Impeller	A05	
Door	A05	
Bowl	A05	
Front Cover	A05	
Back Liner	A05	
Shaft	Carbon Steel	SUS304, SUS316(L)
Shaft Sleeve	3Cr13	SUS304, SUS316(L)
Shaft Seal	Gland Packing Seal	Expeller Seal, Mechanical Seal

### Applications of Unlined Horizontal Pump for Gravel:

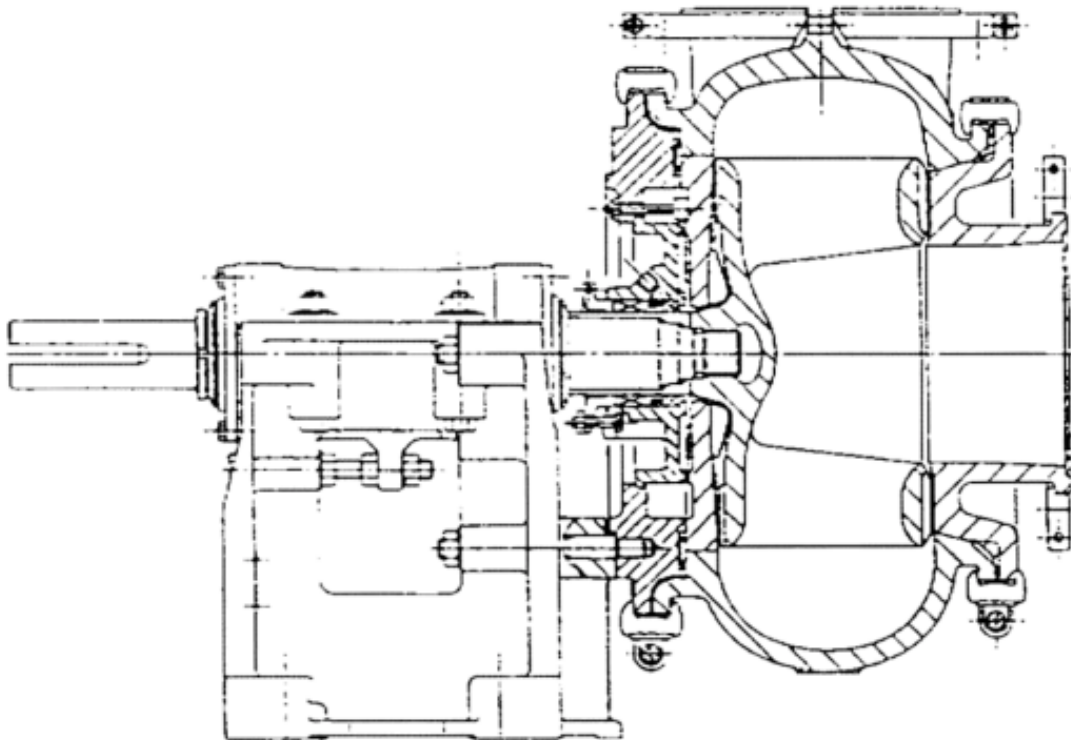
Sand and Gravel; Hydraulic Mining; Sugar Beet & Other Root Vegetables; Slag Granulation; Tunnelling; River Dredging.

### Specifications:

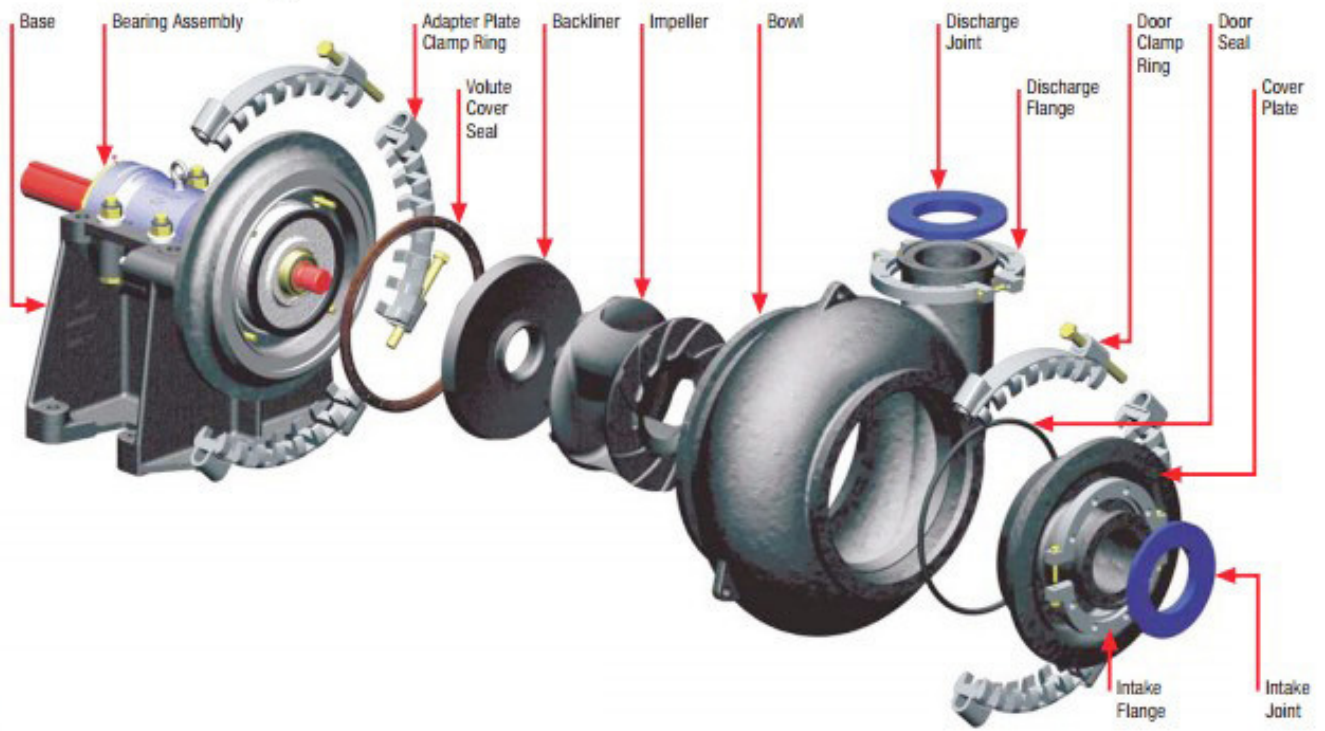
Pump Model	SxD (inch)	Allowable Max. Power (kw)	Clear Water Performance					Impeller	
			Capacity Q m <sup>3</sup> /h	Head H(m)	Speed n(r/min)	Max.Eff. ?%	NPSH (m)	No. of Vanes	Vane Dia. (mm)

SG/100D	6x4	60	36-250	5-52	600-1400	58	2.5-3.5	3	378
SG/150E	8x6	120	126-576	6-45	800-1400	60	3-4.5		391
SG/200F	10x8	260	216-936	8-52	500-1000	65	3-7.5		533
SG/250G	12x10	600	360-1440	10-60	400-850	65	1.5-4.5		667
SG/300G	14x12	600	432-3168	10-64	300-700	68	2-8		864
SG/400T	18x16	1200	720-3600	10-50	250-500	72	3-6		1067

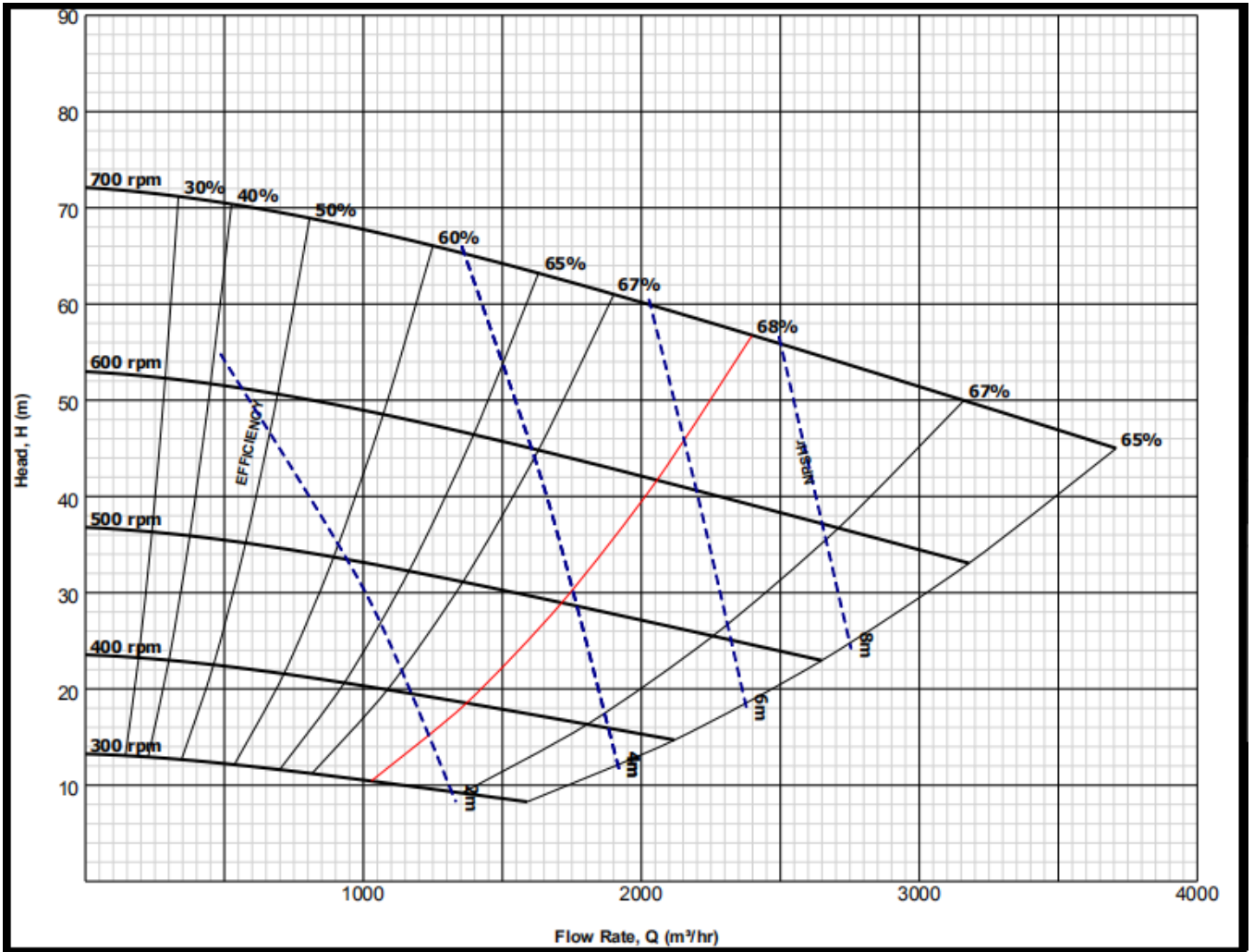
**Structure:**



## Sectional Arrangement



Performance Curve:



Product

link : <https://www.qualityslurrypump.com/unlined-horizontal-pump-for-gravel-sg300g.html>