



G type single screw pump

Application

Single screw pump is used in all fields widely to feed kinds of medium, running at a constant pressure continuously, without pulse and damage when feeding medium, and change the gauging aim through adjusting rotation speed.

Feeding Medium

This product is applicable for feeding medium which has the following properties:

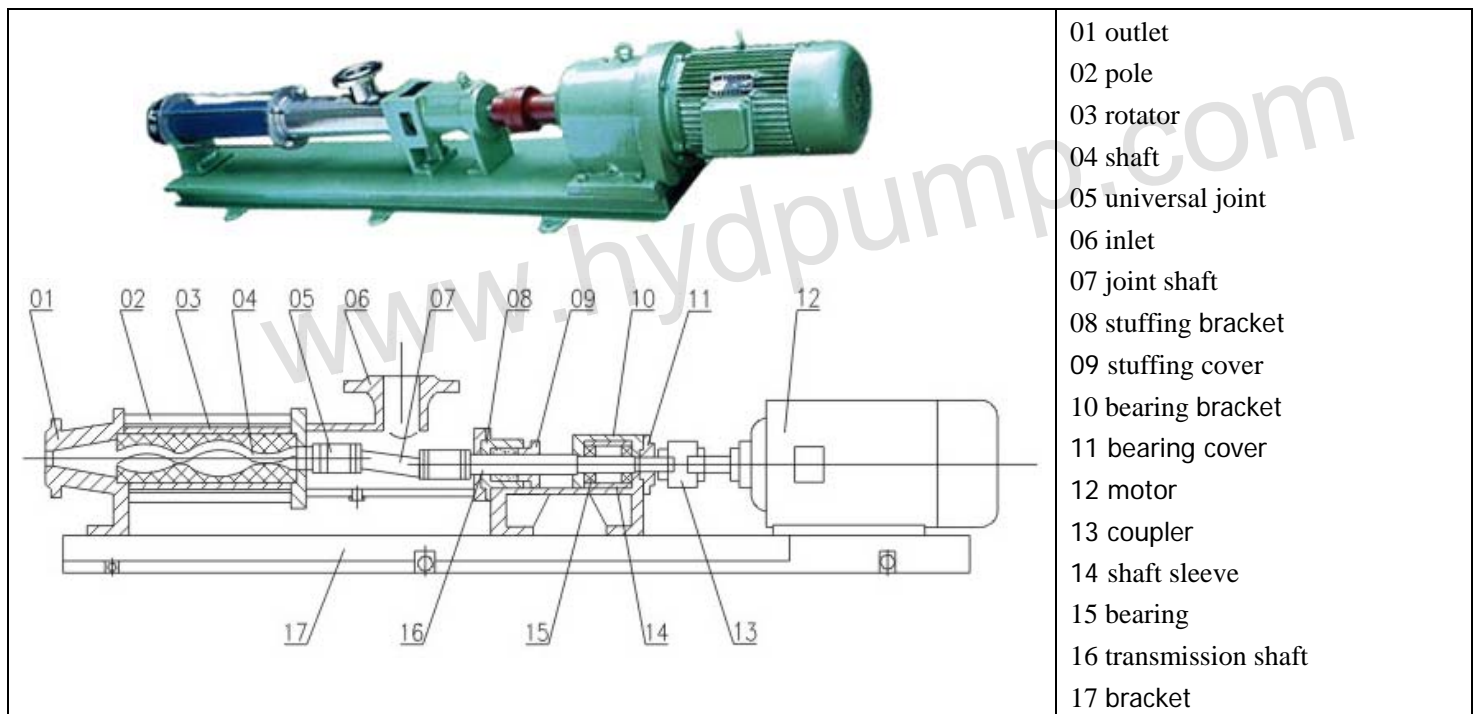
- ★High solid content (diameter of the biggest particle is 50mm) or no solid content
- ★Medium with all viscosities (1mPas~3,000,000mPas)
- ★Medium that is easy to be generated and swelled
- ★Shearing sensitive medium
- ★Medium with erosion
- ★Medium with/without self lubrication
- ★Erosive medium (PH=0~14)
- ★Adhesive medium
- ★Toxicity hazard medium

Model: F G 35-1 (F: all parts inside pump material are stainless steel, omit: pump body is cast iron, parts are stainless steel)

(G: series of single screw pump)

(35: screw shaft diameter.)

(1: 1 grade, 2 : 2 grade)





Ordering code:

Model	Capacity (m ³ /h)	Pressure (MPa)	Speed (r/min)	Power (kw)	Section diameter (mm)	Permissible diameter of particle (mm)	Permissible length of fibre (mm)	
G20-1	0.8	0.6	960	0.75	25	1.5	25	
G20-2		1.2		1.5				
G25-1	2	0.6		1.5	40	2	30	
G25-2		1.2		2.2				
G30-1	5	0.6		2.2	50	2.5	35	
G30-2		1.2		3				
G35-1	8	0.6		3	65	3	40	
G35-2		1.2		4				
G40-1	12	0.6		4	80	3.8	45	
G40-2		1.2		5.5				
G50-1	14	0.6	720	5.5	100	5	50	
G50-2		1.2		7.5				
G60-1	22	0.6		11	125	6	60	
G60-2		1.2		15				
G70-1	38	0.6		11	150	8	70	
G70-2		1.2		18.5				
G85-1	56	0.6		630	15	150	10	80
G85-2		1.2			30			
G105-1	100	0.6		500	30	200	15	110
G105-2		1.2			55			
G135-1	150	0.6	400	45	250	20	150	
G135-2		1.2		90				

Note: electric motor normally adopted 380V, 3 Phase, 50 Hz, if any change pleased be informed.

www.hydpump.com