

HGP 外啮合齿轮泵 HGP EXTERNAL GEAR PUMP



HGP系列高压齿轮泵是借一对相互啮合的齿轮将电动机所输出之机械能转换为液压能的转换装置，在机床或其它机械的液压系统中作为提供一定流量压力的液压能源，广泛用于机床、液压机械、工程机械的液压系统。

HGP series high pressure gear pump is a conversion device that converts the mechanical energy output by the motor into hydraulic energy through a pair of meshing gears. It is widely used in the hydraulic system of machine tools or other machinery as a hydraulic energy that provides a certain flow pressure.

0.5 Group

1 Group

2 Group

3 Group

HGP

HYVA

NSH

Cast iron
gear pump

HGP-SERIES

Suitable for a wide range of civil construction machinery, industrial vehicles, handling machinery, agricultural and fishery machinery and other devices.



产品参数 Product parameter

Flange : SAE 2-bolt, DIN 4-bolt, European 4-bolt

Displacement: 0.5~7.8 cc/rev

Max. Pressure : 250 kgf/cm² (3500psi)

HGP-1A



Model	Accurate Displacement Capacity (cc/rev)	Operational Pressure (kgf/cm ²)	Max. Pressure (kgf/cm ²)	Speed (r.p.m.)			Weight (kg)
				Rate	Max	Min	
HGP-1A-05	0.5	210	250	1800	4500	1000	1.0
HGP-1A-08	0.8	210	250	1800	4500	1000	1.0
HGP-1A-1	1	210	250	1800	4500	1000	1.0
HGP-1A-2	2	210	250	1800	4500	600	1.05
HGP-1A-26	2.6	210	250	1800	4500	600	1.15
HGP-1A-3	3	210	250	1800	4500	600	1.15
HGP-1A-4	4	210	250	1800	4000	600	1.18
HGP-1A-5	5	210	250	1800	3200	600	1.2
HGP-1A-6	6	210	250	1800	3200	600	1.3
HGP-1A-8	7.8	170	210	1800	3200	600	1.4

Flange : JIS 4-bolt

Displacement: 2~12 cc/rev

Max. Pressure : 250 kgf/cm² (3500psi)

HGP-2A



Model	Accurate Displacement Capacity (cc/rev)	Operational Pressure (kgf/cm ²)	Max. Pressure (kgf/cm ²)	Speed (r.p.m.)			Weight (kg)
				Rate	Max	Min	
HGP-2A-2	2	210	250	1800	5000	1000	1.69
HGP-2A-25	2.5	210	250	1800	5000	850	1.70
HGP-2A-3	3	210	250	1800	5000	850	1.70
HGP-2A-4	4	210	250	1800	4500	800	1.71
HGP-2A-5	5	210	250	1800	3500	700	1.71
HGP-2A-6	6	210	250	1800	3500	700	1.72
HGP-2A-8	7.5	210	250	1800	3000	600	1.74
HGP-2A-9	9	210	250	1800	2500	550	1.74
HGP-2A-11	10.5	210	250	1800	2000	500	1.74
HGP-2A-12	12	175	210	1800	2000	500	1.76

Flange : SAE 2-bolt, DIN 4-bolt, European 4-bolt

Displacement: 2~35 cc/rev

Max. Pressure : 250 kgf/cm² (3500psi)

HGP-3A



Model	Accurate Displacement Capacity (cc/rev)	Operational Pressure (kgf/cm ²)	Max. Pressure (kgf/cm ²)	Speed (r.p.m.)			Weight (kg)
				Rate	Max	Min	
HGP-3A-2	2	210	250	1800	4000	700	2.19
HGP-3A-3	3	210	250	1800	4000	700	2.23
HGP-3A-4	4	210	250	1800	4000	700	2.29
HGP-3A-6	6	210	250	1800	4000	700	2.37
HGP-3A-8	8.4	210	250	1800	3500	700	2.45
HGP-3A-11	11	210	250	1800	3000	600	2.60
HGP-3A-13	13	210	250	1800	3000	600	2.70
HGP-3A-14	14.3	210	250	1800	3000	500	2.76
HGP-3A-17	16.5	210	250	1800	3000	500	2.87
HGP-3A-19	19.2	210	250	1800	3000	500	2.99
HGP-3A-23	23	210	250	1800	3000	500	3.19
HGP-3A-25	25	170	210	1800	2800	500	3.24
HGP-3A-28	28	170	210	1800	2500	500	3.35
HGP-3A-30	30	170	210	1800	2500	500	3.45
HGP-3A-33	33	140	175	1200	2500	500	3.60
HGP-3A-35	35	125	140	1200	2500	500	3.71