

GPS 卧式直接式离心泵

GPS coaxial pump

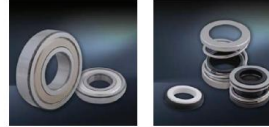
GPS卧式直接式离心泵

GPS Coaxial Pump

用途Application

GPS泵特别适用于暖通空调冷热水循环系统
亦适用于以下用途:
The pump specially apply to air-condition cold or hot
water circulation and also apply to the following:

- 设备配套 Can be used together with equipment
- 高楼给水 Water-supplying system of apartment building
- 一般工业用水 Industrial water supply
- 消防给水 Fire-fighting water supply
- 土木施工用水 Construction engineering water supply
- 污水处理设备 Waste water treatment
- 农业灌溉用水 Farm water irrigation
- 锅炉给水 Boiler water supply



特点

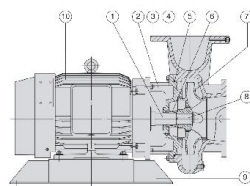
- 叶轮采用优秀水力模型设计, 具有极好的动静平衡, 性能稳定。
- 以电机轴作为泵轴, 同心度绝对可靠。
- 采用进口轴承, 振动小, 噪音低。
- 单吸、单级卧式离心泵, 用封闭叶轮及泵体。
- 同轴直接式构造, 效率高, 体积小, 重量轻, 安装保养容易。
- 采用机械密封, 不损轴心, 不漏水, 使用寿命长。
- 可根据要求采用不同材质。(本型录为铸铁材质外形尺寸, 不锈钢尺寸另行提供。)

Features

- The optimal hydraulic model is used for impeller, the pump is of an utmost dynamic-static balance and reliable performance.
- The pump shaft is an extended one from the motor, so the concentricity is absolutely reliable.
- The pump which is supported by imported bearing, runs at little vibration and low noise.
- Single-stage single-suction horizontal centrifugal pump; closed impeller and volute chamber are adopted.
- Coaxial volute structure, high efficiency, small volume, light weight, easy installation and maintenance.
- Mechanical seal, no damage to shaft, no leakage, long duration.
- Can choose other materials according to the customer's requirement. (There are cast iron material dimensions in this catalog, stainless steel size provide separately.)

结构简图 Construction

NO.	名称	Name	材质	Material
1	泵轴	Shaft	304/316	304/316
2	泵壳	Shell	HT200	HT200
3	泵盖	Pump cover	HT200	HT200
4	螺栓	Bolt	Q235A	S30403/304
5	O型圈	O-ring	NBR	NBR
6	机械密封	Mechanical seal	C7M.C	C7M.C
7	叶轮	Impeller	HT200	HT200
8	键	Key	A6	5A/C
9	电机	Motor	HT200/127.5A	HT200/127.5A

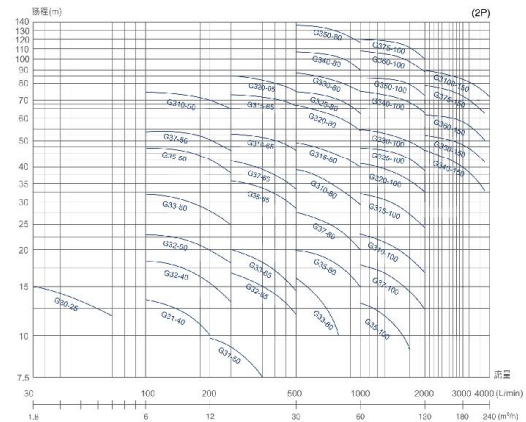


型号说明 Type description

G-3 10-100

进口口径
Suc.diameter(mm)
额定功率
Rated power(hp)
相数
Phase
直接式泵浦
Coaxial pump

型谱图 Performance chart



性能参数 Performance parameters

(2P)

型号 Type	转速 Speed (r/min)	流量 Capacity (m³/h)	扬程 Head(m)	效率 Eff(%)	电动机功率 Motor power		必需气蚀余量 NPSH _r (m)	口径 Dia.(mm)	重量 Weight(kg)
					(hp)	(kW)			
G-30-25	2900	2.0	15	30	0.5	0.37	2.0	25	24
		3.5	17	34			2.5		
		5.0	19	38			3.0		
G-31-40	2900	7.2	11	25	1	0.72	2.0	40	20
		10.8	11.5	25			2.0		
		14.4	11.5	25			2.0		
G-32-40	2900	8.8	11.5	32	2	1.5	2.0	40	37
		13.2	11.5	32			2.0		
		17.6	11.5	32			2.0		
G-31-50	2900	16	9	35	1	0.72	2.0	50	28
		19.2	9	34			2.0		
		22.8	9	34			2.0		
G-32-50	2900	19.2	11.5	38	2	1.5	2.0	50	39
		28.8	11.5	38			2.0		
		38.4	11.5	38			2.0		
G-33-50	2900	26.4	11.5	47	3	2.2	2.0	50	52
		39.6	11.5	47			2.0		
		52.8	11.5	47			2.0		
G-35-50	2900	34	9	50	5	3.7	2.0	50	73
		51	9	49			2.0		
		68	9	48			2.0		
G-37-50	2900	46	9	50	7	5.1	2.0	50	81
		69	9	49			2.0		
		92	9	48			2.0		
G-319-50	2900	17.7	10	38	10	7.5	2.0	50	108
		26.6	10	37			2.0		
		35.5	10	36			2.0		
G-32-65	2900	7	15	67	2	1.5	2.0	55	41
		10.5	15	67			2.0		
		14	15	67			2.0		
G-33-65	2900	22.3	18	65	3	2.2	2.0	55	43
		33.5	18	65			2.0		
		44.7	18	65			2.0		
G-35-65	2900	25	18	65	5	3.7	2.0	55	74
		37.5	18	65			2.0		
		50	18	65			2.0		
G-37-65	2900	34	18	65	7	5.1	2.0	55	92
		51	18	65			2.0		
		68	18	65			2.0		
G-319-65	2900	20	18	65	10	7.5	2.0	55	95
		30	18	65			2.0		
		40	18	65			2.0		
G-315-65	2900	17.6	18.5	51	15	11	2.0	55	145
		26.4	18.5	51			2.0		
		35.2	18.5	51			2.0		
G-329-65	2900	25	18	50	20	15	2.0	55	174
		37.5	18	50			2.0		
		50	18	50			2.0		
G-33-80	2900	40	17	62	3	2.2	3.0	80	95
		60	17	62			3.0		
		80	17	62			3.0		
G-35-80	2900	54.6	17	65	5	3.7	3.0	80	70
		81.9	17	65			3.0		
		109.2	17	65			3.0		
G-37-80	2900	68.4	17	65	7	5.1	3.0	80	95
		102.6	17	65			3.0		
		136.8	17	65			3.0		
G-319-80	2900	37.4	18.5	61	10	7.5	3.0	80	100
		56.1	18.5	61			3.0		
		74.8	18.5	61			3.0		
G-315-80	2900	37.4	18.5	61	15	11	3.0	80	157
		56.1	18.5	61			3.0		
		74.8	18.5	61			3.0		
G-329-80	2900	57	18	58	20	15	3.0	80	181
		85.5	18	58			3.0		
		114	18	58			3.0		
G-325-80	2900	37	18.5	59	25	18.5	3.0	80	205
		55.5	18.5	59			3.0		
		74	18.5	59			3.0		

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性能参数 Performance parameters

(2P)

型号 Type	转速 Speed (r/min)	流量 Capacity (m³/h)	扬程 Head(m)	效率 Eff(%)	电动机功率 Motor power		必需气蚀余量 NPSH _r (m)	口径 Dia.(mm)	重量 Weight(kg)
					(hp)	(kW)			
G-330-80	2900	40	84	54	30	22	2.5	80	230
		60	84	54			2.5		
		80	73	62			3.0		
G-340-80	2900	54.5	115	46	40	30	3.0	80	262
		81.7	115	46			3.0		
		109	115	49			3.0		
G-350-80	2900	68	113	49	50	37	3.0	80	270
		102	119	55			3.5		
		136	135	66			4.0		
G-35-100	2900	30	12	73	5	3.7	4.0	100	81
		45	10	71			4.5		
		60	11.5	68			4.5		
G-37-100	2900	40	11	75	7	5.1	4.5	100	92
		60	11	75			4.5		
		80	14	75			4.5		
G-310-100	2900	22	25	69	10	7.5	4.0	100	97
		33	25	68			4.0		
		44	26	70			4.0		
G-315-100	2900	22	25	67	15	11	4.0	100	160
		33	28	72			4.0		
		44	28	76			4.0		
G-170-100	2900	109.2	18	67	20	15	4.5	100	177
		163.8	18	66			4.5		
		218.4	18	67			4.5		
G-325-100	2900	51.5	44	57	25	18.5	2.5	100	210
		77.2	46	57			3.0		
		102.9	46	60			3.0		
G-330-100	2900	60	52.5	68	30	22	3.5	100	260
		90	56	76			3.5		
		120	56	76			4.0		
G-340-100	2900	81.5	74	67	40	30	4.0	100	281
		122.2	74	69			4.0		
		163.4	74	68			4.0		
G-350-100	2900	100	85	70	50	37	4.5	100	352
		150	85	70			4.5		
		200	85	70			4.5		
G-360-100	2900	120	85	70	60	45	4.5	100	387
		180	100	74			4.5		
		240	100	74			4.5		
G-375-100	2900	151.5	115	67	75	55	5.0	100	428
		227.2	115	67			5.0		
		303	115	67			5.0		
G-380-150	2900	144	43	71	40	30	3.1	150	375
		216	42	70			3.1		
		276	35	70			3.4		
G-330-150	2900	154	53	74	50	37	3.0	150	410
		231	48	74			4.0		
		303	41.5	74			4.0		
G-360-150	2900	144	53	74	60	50	3.5	150	428
		216	50	72			4.0		
		276	52	74			4.0		
G-375-150	2900	190	76	66	75	55	4.0	150	465
		285	76	74			4.0		
		374	77	75			4.0		
G-3100-150	2900	100	88	68	100	73	4.0	150	545
		150	90	76			4.5		
		240	72	76			4.5		

性能参数 Performance parameters

(4P)

型号 Type	转速 Speed (r/min)	流量 Capacity (m³/h)	扬程 Head(m)	效率 Eff(%)	电动机功率 Motor power (hp) (kW)	必需气蚀余量 NPSHr(m)	口径 Dia.(mm)	重量 Weight(kg)
G-375-250	1450	250	34.5	75	55	3.0	250	578
		400	37	81		3.5		
		480	38	84		4.0		
G-3100-250	1450	250	36	75	75	3.0	250	810
		400	38	81		3.0		
		480	40	85		3.0		
G-360-300	1150	300	19.5	74	50	5.5	300	625
		600	17	79		5.5		
		750	15	75.5		6.0		
G-375-300	1150	300	23	81	75	6.0	300	770
		600	20	85		6.0		
		750	21	87		6.0		
G-3100-300	1450	300	28	85	100	6.0	300	910
		600	25	89		6.0		
		750	26	91		6.0		
G-3125-3000	1150	3000	40	81	125	9.0	300	1015
		250	33	80		9.0		
		570	34	79		9.0		
G-3125-300	1450	750	32	80	175	9.0	300	1015
		361	27	79		9.0		

外形及安装尺寸 Installation dimensions

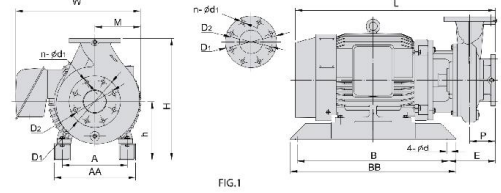


FIG.1

(2P)

型号Type	FIG.	A	AA	B	BB	d	E	H	h	L	M	P	W	D ₁	D ₂	n-φd ₁
G-375-250	1	172	177	250	342	14	86.3	210	112	371	92.5	65	242	150	110	4-φ14
G-3100-250	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-360-300	1	175	177	240	342	14	86.3	210	112	371	92.5	65	242	150	110	4-φ14
G-375-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3100-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3125-3000	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3125-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-375-250	1	172	177	250	342	14	86.3	210	112	371	92.5	65	242	150	110	4-φ14
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G-360-300	1	175	177	240	342	14	86.3	210	112	371	92.5	65	242	150	110	4-φ14
G-375-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3100-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3125-3000	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3125-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
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G-375-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3100-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3125-3000	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3125-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
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G-3125-3000	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3125-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
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G-3125-3000	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3125-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
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G-3125-3000	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3125-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
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G-3125-3000	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3125-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
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G-3100-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3125-3000	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3125-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
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G-3125-3000	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
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G-3125-3000	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3125-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-375-250	1	172	177	250	342	14	86.3	210	112	371	92.5	65	242	150	110	4-φ14
G-3100-250	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-360-300	1	175	177	240	342	14	86.3	210	112	371	92.5	65	242	150	110	4-φ14
G-375-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3100-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3125-3000	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3125-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-375-250	1	172	177	250	342	14	86.3	210	112	371	92.5	65	242	150	110	4-φ14
G-3100-250	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-360-300	1	175	177	240	342	14	86.3	210	112	371	92.5	65	242	150	110	4-φ14
G-375-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3100-300	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3125-3000	1	140	192	200	342	14	104.5	250	122	428	102.5	65	258	150	110	4-φ14
G-3125-300	1	140	192	200	342											