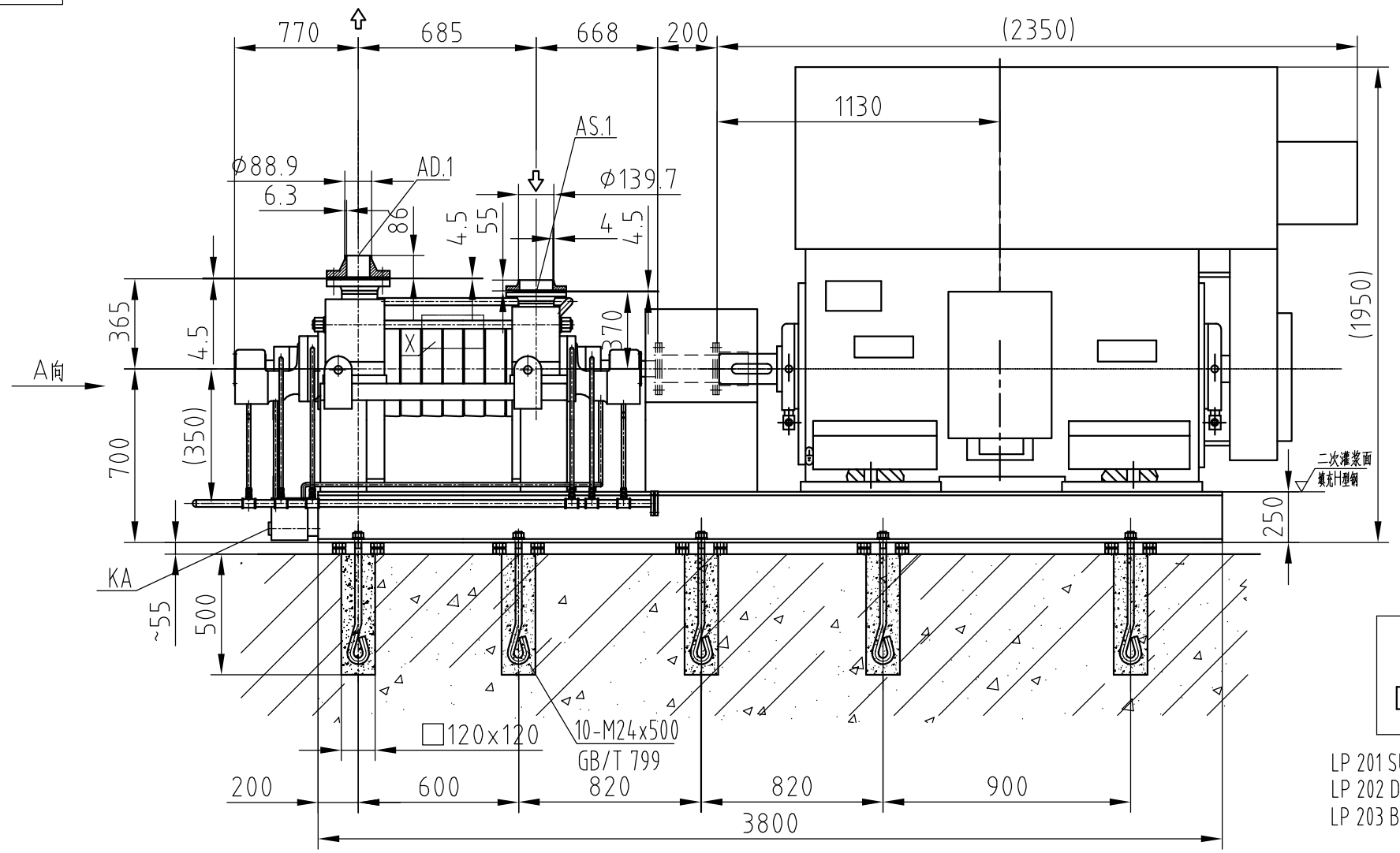
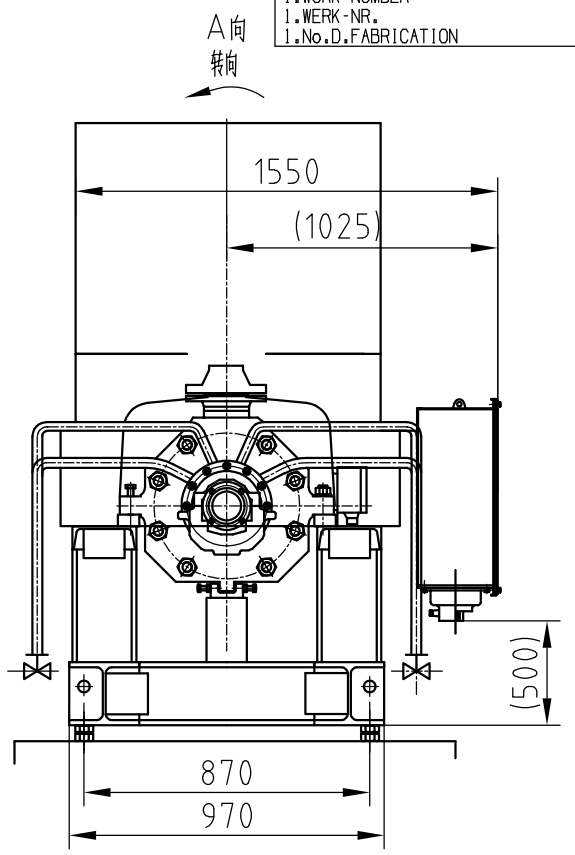
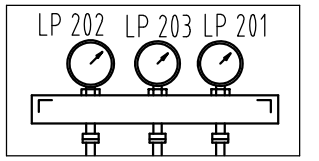
HGC3/7-N-355KW

1.WORK NUMBER
1.WERK-NR.
1.No.D.FABRICATION





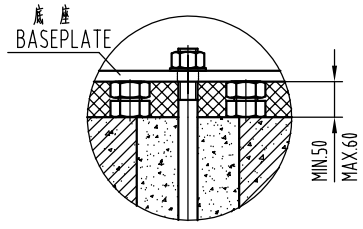
DETAIL/详图 X



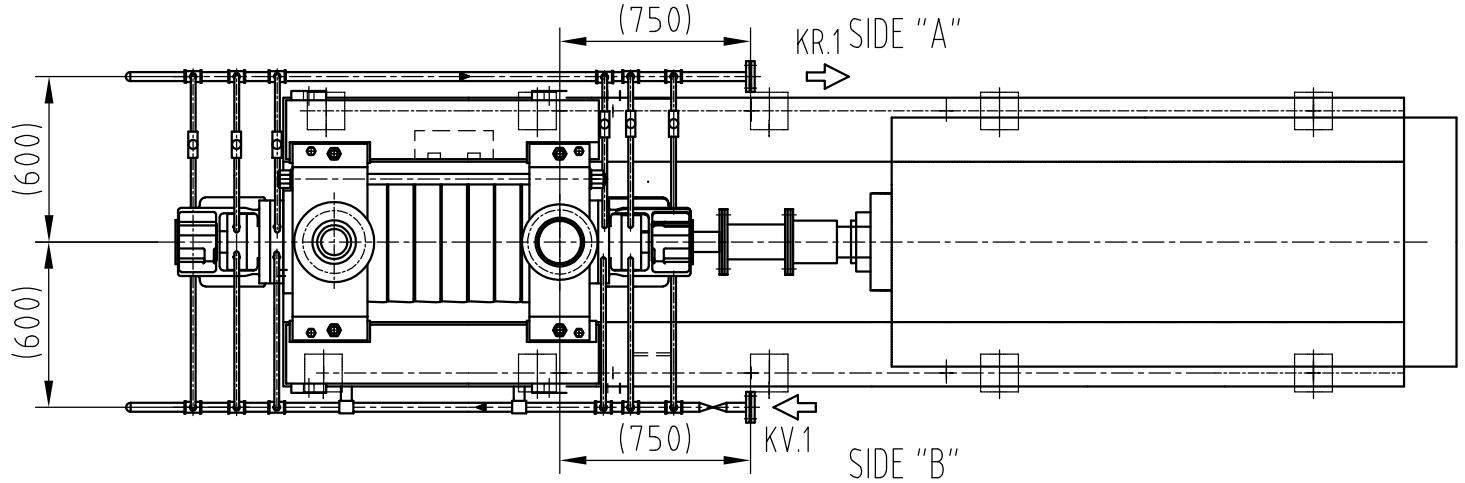
LP 201 SUCTION PRESSURE GAUGE 泵入口压力表
LP 202 DISCHARGE PRESSURE GAUGE 泵出口压力表
LP 203 BALANCE PRESSURE GAUGE 平衡水压力表

技术参数/Technical data

泵重(包括水)/Pump Filled Weight :	927 kG
泵底座重/Pump Baseplate Weight :	1370 kG
泵转子重/Pump Rotor Weight :	119 KG
电机重/Motor Weight :	2660 KG
转动惯量(充满水)/Moment Of Inertia(water filled) :	0.4610Kg·m²
泵静载"A"侧/Static load of pump-Side "A":	+32KN
泵静载"B"侧/Static load of pump-Side "B":	+32KN
扭矩所引起的泵动载"A"侧/Dynamic load of pump-Side "A":	+2620 N
扭矩所引起的泵动载"B"侧/Dynamic load of pump-Side "B":	-2620 N
冷却水/Cooling water: 泵 27L/min 0.2~0.6MPa 25℃~35℃ 除盐水	
润滑油/Lubricating oil 3.6 L/pump ISO VG32 或46	

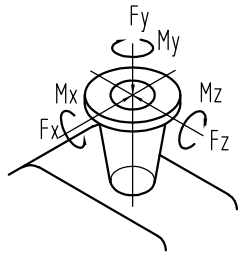


LEVELLING SPINDLES
FURNISHED BY KSB-SH
调节螺栓组由KSB-SH供货



接口 / Connection table:

ITEM	Connection 接口	Size and standard 规格及标准	Material材质
AS.1	Feedwater-Inlet 泵入口	DN125 PN16	20
AD.1	Feedwater-Outlet 泵出口	DN80 PN160 EN 1092-1	16Mn
KV.1	Coolingwater Supply 冷却水入	DN25 PN16 EN1092-1	06Cr19Ni10
KR.1	Coolingwater Return 冷却水出	DN25 PN16 EN1092-1	06Cr19Ni10
KA	DRAIN 泄漏水	G2"	



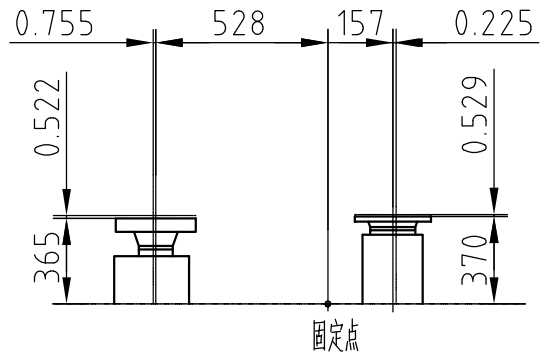
Fx=水平，平行于水泵轴方向/Horizontal to pump shaft direction
Fy=垂直于泵轴方向/Vertical to pump shaft direction
Fz=水平，垂直于水泵轴方向/Horizontal and vertical to pump shaft direction
Mx=围绕水平于水泵轴方向/Surround horizontal to pump shaft direction
My=围绕垂直于泵轴方向/Surround vertical to pump shaft direction
Mz=围绕水平并与泵轴成直角的轴向/Surround horizontal and vertical to pump shaft direction

THE FORCES AND MOMENTS SHOWN CONSIDER THE WHOLE FLANGE CONNECTION WITH THE SCREWS AND GASKETS RECOMMENDED BY KSB. REGARDING MECHANICAL PROPERTIES,THE PUMP NOZZLES ALLOW HIGHER VALUES.

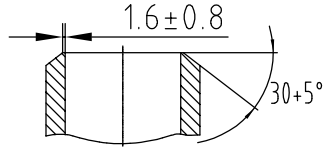
下表所示为由KSB建议，考虑了垫片、螺栓、和法兰的整体连接的力和力矩值

载荷 / 接管	力 (N)			力 矩 (N-m)		
	Fx	Fy	Fz	Mx	My	Mz
进口法兰 DN125	1340	4520	1340	1615	635	775
出口法兰 DN80	2500	8250	2500	1650	740	1485

130℃时热膨胀值



入口AS.1，出口AD.1仮送兰焊接接口
Suntion AS.1, Discharge AD.1
Counter flange welding bevel



邓州市生活垃圾焚烧发电项目给水泵 9975109723/100

更改: 版本/处数 ALTERATION: INDEX/NO.	01/0		参考图纸 REFERENCE DRAWINGS	CAD	对象参数表表格器 OBJECT PARAMETER LIST ACCORDING TO
科室 /DEPARTMENT	ED_EN				
批准 /APPR			材料 DESIGNED FOR MATERIAL	重量 WEIGHT KG	比例 SCALE
工艺 /TECHNICS					
标准 /STAN			毛坯图 /RAW PART	规格 /TYPE HGC3/7	
审核 /REVIEW	2023.02.24	蒋翘	KSB	名称 /DENOMINATION 外形安装图 OVERVIEW DRAWING	零件组号 PART-NO 6247
校对 /CHECK	2023.02.24	倪庆富			
设计 /PREP	2023.02.24	陈光宗	NO 图号 HGC3/7-L-355KW ZDR 000		张数 SHEET-NO 1
	日期 /DATE	姓名 /NAME	REFERENCE ZN 1-2/ 参考 ZN 1-2		总数 NO OF SHE. 1
			替代 /REMPL FOR	来源于 /ORIGINAT FROM	