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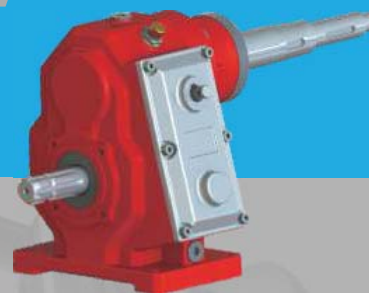
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# 喷雾齿轮箱 Sprayers Gear Units



台州希迈机械有限公司  
TAIZHOU CMR MACHINERY CO.,LTD

# PA 系列 / PA series

## 喷雾齿轮箱 Sprayers Gear Units

适用范围  
example of possible application

喷雾器

SPRAYERS



## 技术信息和维护 Technical information and maintenance

### 齿轮材料质量

16 NiCr4, 根据标准 UNI 5331 – AISI 3115  
20 MnCr5

### 铸件材料质量

铝规格 GD-ALSI 12 cu 根据标准 UNI 5076  
灰铸铁 G25 根据标准 UNI ISO 185  
球墨铸铁 GS400 根据标准 UNI ISO 1083

### 轴材料质量

C43 根据标准 UNI EN 1083/1 AISI 1040  
20Mn Cr5

### 功率

为了保证产品的正确应用，我们建议仔细阅读技术手册中详细叙述的规格，同时注意输入转速，输入功率和速比，如果转速或其条件不符合，请与CMR技术部门联系。

### 润滑油

通常提供的减速机是不含润滑油的，建议加的润滑油量在产品目录中有标注。  
第一次换润滑油必须在齿轮箱运行50-60小时后，然后工作600-800小时再次更换。  
如需排空齿轮箱，必须在齿轮箱刚工作完，润滑油还热的时候进行，以避免油污沉积。  
定期清洁油塞。经常检查油位，必要时加油。

### GEARS QUALITY MATERIALS

16 NiCr4, according to standard UNI 5331 – AISI 3115  
20 MnCr5

### CASTINGS QUALITY MATERIALS

Aluminium specifications GD – ALSi 12 cu according to standard UNI 5076  
Black cast iron G25 according to standard UNI ISO 185  
Ductile iron GS 400 according to standard UNI ISO 1083

### SHAFTS QUALITY MATERIALS

C 43 according to standard UNI EN 1083/1 AISI 1040  
20Mn Cr5

### POWER

To ensure the correct use of the product we recommend to pay attention to the specifications mentioned on our technical sheet. Consider also the input rotation speed, the power input and the transmission ratios. Where the rotation speed or other working conditions are different, please contact CMR technical department.

### LUBRICATION

The reducer is usually supplied without lubricant. The recommended quantity of lubricant is indicated on our catalogue and the first replaced must be done after 50-60 hours of running, then replaced after 600-800 working hours.

The emptying of the gearbox should be made immediately after the working, with still oil hot, in order to avoid the deposition of sludge. Clean the oil plugs. Check frequently the oil level and top up the oil whenever necessary.

# 说明 Legend

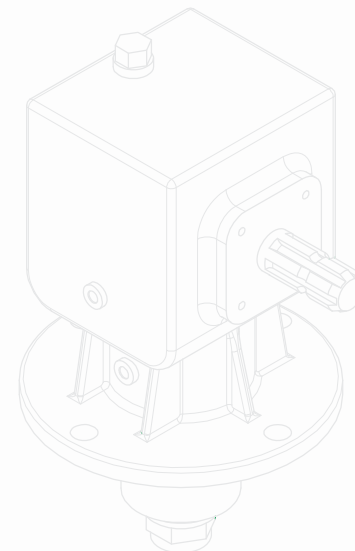
<b>i</b>						
速比	输入转速	输出转速	输入功率	输出扭矩	最大扭矩	轴
Ratio	Input r.p.m.	Output r.p.m.	Input power	Output torque	Maximum torque	Shafts

轴 SHAFTS			
	Splined shaft 花键轴		Conic shaft 圆锥轴
	Shaft with key seat and with centering collar 带键和定心环轴		Hollow shaft for SAE-B shaft SAE-B空心轴
	Shaft with key seat 单键轴		Cylindrical hollow shaft 圆柱空心轴
	Shaft with double key seat 双键轴		Hexagon hollow shaft 六角空心轴
	Shaft with pin hole 销孔轴		Hollow shaft with tapped flange 带法兰空心轴
	Shaft with double pin hole 双销孔轴		Hollow shaft with welded flange 带焊接法兰空心轴
	Cylindrical shaft 圆柱轴		Seal plug 密封塞
	Splined hollow shaft 花键空心轴		



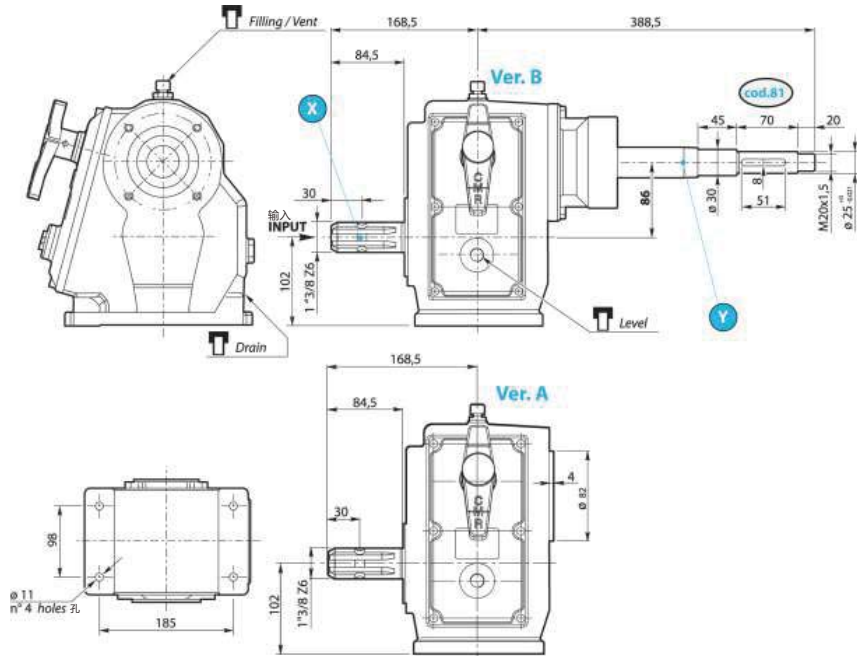
## 目录 INDEX

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PA50		P03
PA60		P05

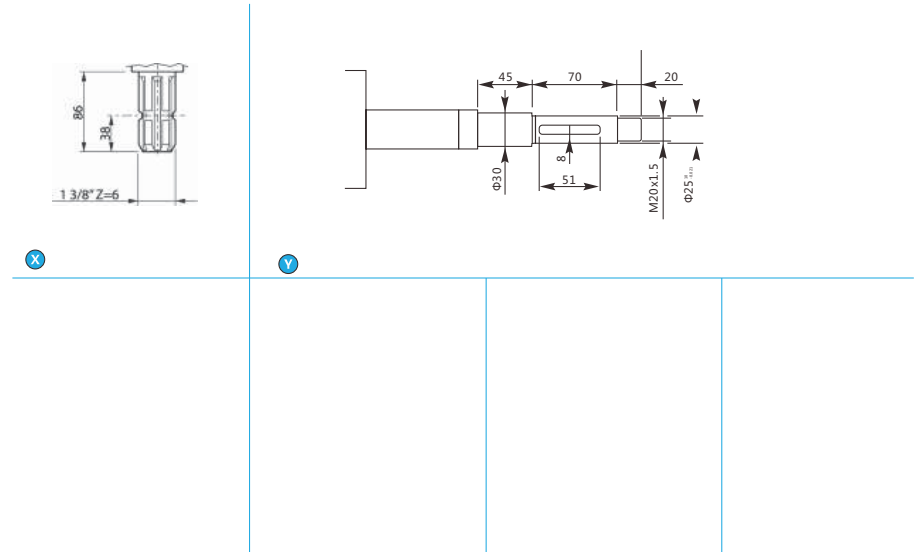




## 尺寸/Dimensions



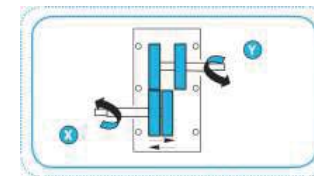
## 轴/Shfts



## 技术参数/Technical Data

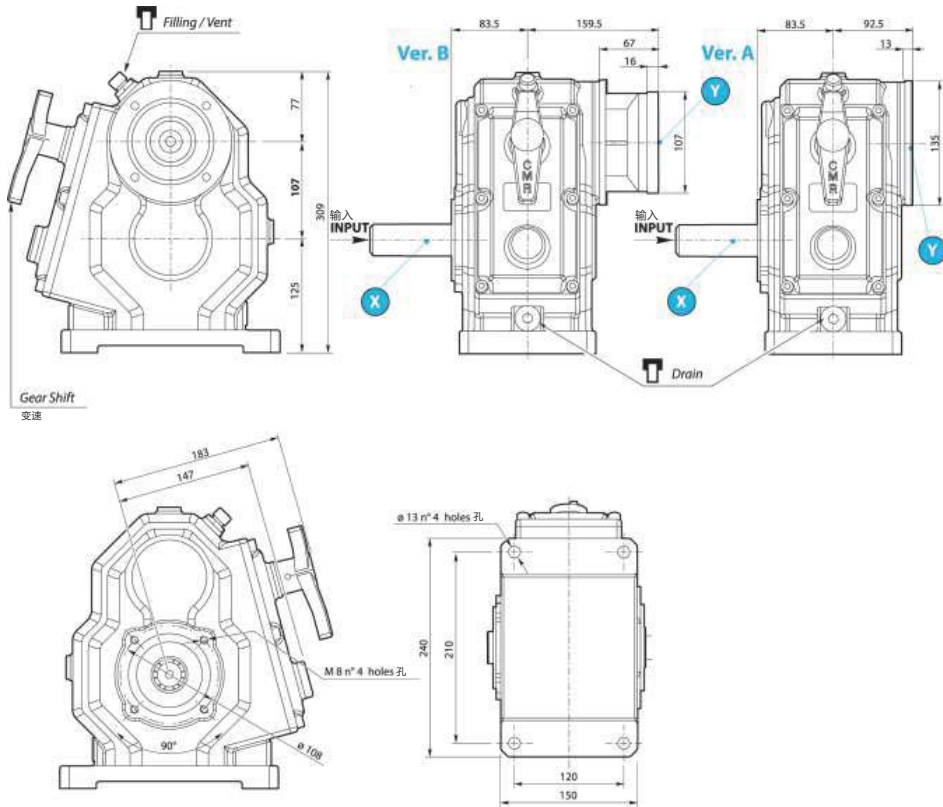
I										
	输入转速 rpm input	输出转速 rpm output	千瓦 (功率) Kw (HP)	输出扭矩 Nm(nom)						
1:4	540	2160	29/39	123	154	铸铁 Cast iron	圆柱斜齿 Cilindrical Helical Teeth	27.3	0.6 Grease 油脂	见下页 SEE NEXT PAGE
1:4.9	540	2646	23/31	78	97	G25				

## 转向/Rotations

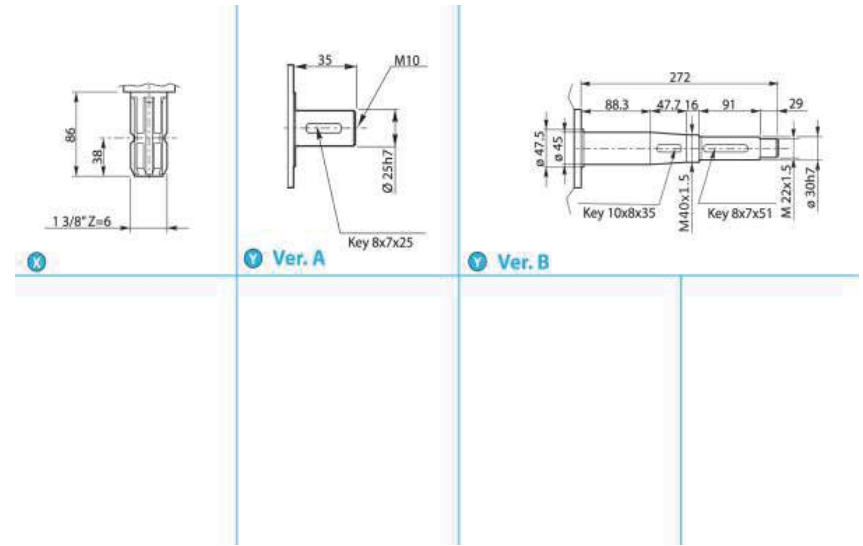




## 尺寸/Dimensions



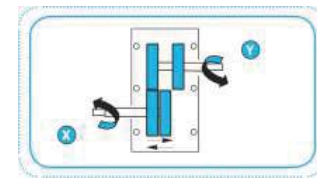
## 轴/Shfts



## 技术参数/Technical Data

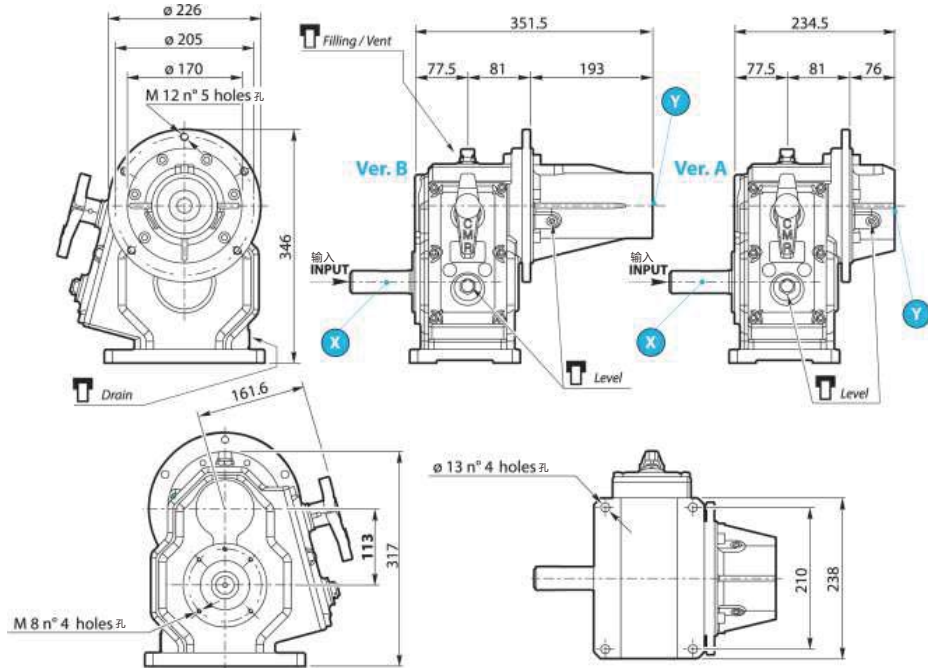
i										
	输入转速 rpm input	输出转速 rpm output	千瓦 (功率) Kw (HP)	输出扭矩 Nm (nom)	最大扭矩 Nm (max)	材料 Material	齿型 Toothing	KG	LT	轴 Shafts
1:7.2	540	4050	24/32	58	73	铸铁 Cast iron	圆柱斜齿 Cilindrical Helical Teeth	30	1.2 Grease 油脂	见下页 SEE NEXT PAGE
1:5	540	2700	35/48	123	154	铸铁 Cast iron	圆柱斜齿 Cilindrical Helical Teeth	30	1.2 Grease 油脂	见下页 SEE NEXT PAGE
1:3.9	540	2106	33/45	158	198	铸铁 Cast iron	圆柱斜齿 Cilindrical Helical Teeth	30	1.2 Grease 油脂	见下页 SEE NEXT PAGE

## 转向/Rotations

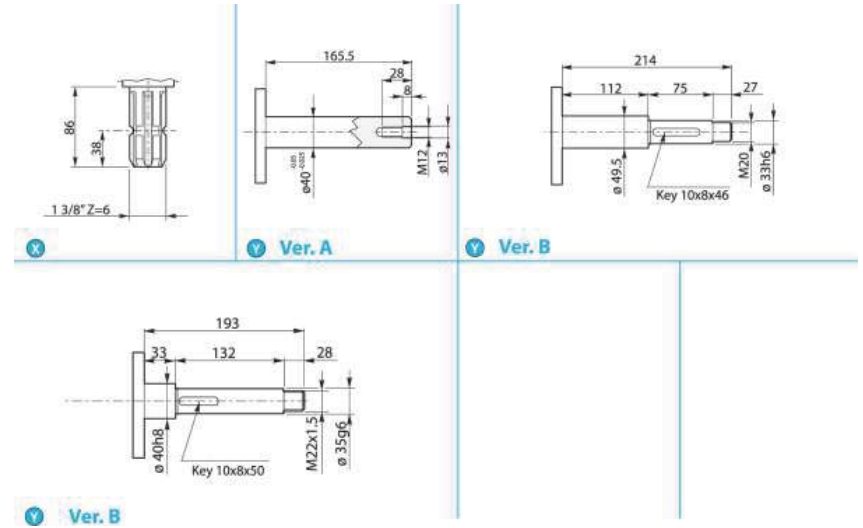




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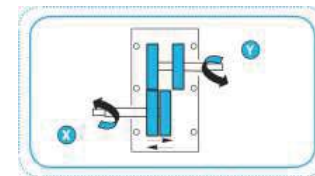
## 轴/Shfts



## 技术参数/Technical Data

I										
	输入转速 rpm input	输出转速 rpm output	千瓦 (功率) Kw (HP)	输出扭矩 Nm (nom)	最大扭矩 Nm (max)	材料 Material	齿型 Toothing	KG	LT	轴 Shafts
1:3.88	540	2095	43/58	190	220	铸铁 Cast iron G25	圆柱斜齿 Cilindrical Helical Teeth	38	1.5 Grease 油脂	见下页 SEE NEXT PAGE
1:7.5	540	4050	52/70	130	156					
1:7	540	3780	50/68	126	150					
1:6	540	3240	47/64	136	163					
1:4	540	2970	33/45	145	174					
1:5.5	540	2700	46/60	148	175					
1:5	540	2430	45/61	162	190					
1:4.5	540	2160	45/61	177	210					
1:3.6	540	1836	43/59	220	260					

## 转向/Rotations



# NOTES



# NOTES



这本宣传册上的技术参数仅供参考，CMR拥有随时更改的权利  
没有CMR的允许，不能仿造手册上的任意一产品，  
CMR以最大的精力来完成这份文档，否认任何可能的错误和遗漏

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