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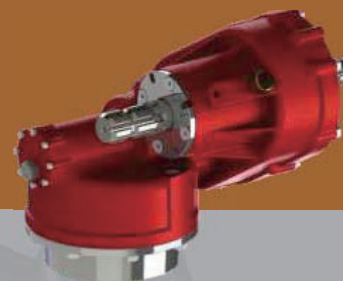
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驱动耙齿轮箱 Gearboxes for Power Harrows



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

E 系列 / E series

EC驱动耙 EC Power Harrows

适用范围
example of possible application

驱动耙 (单)	POWER HARROW(SINGLE)
驱动耙 (双)	POWER HARROW(DOUBLE)



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

i						
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				



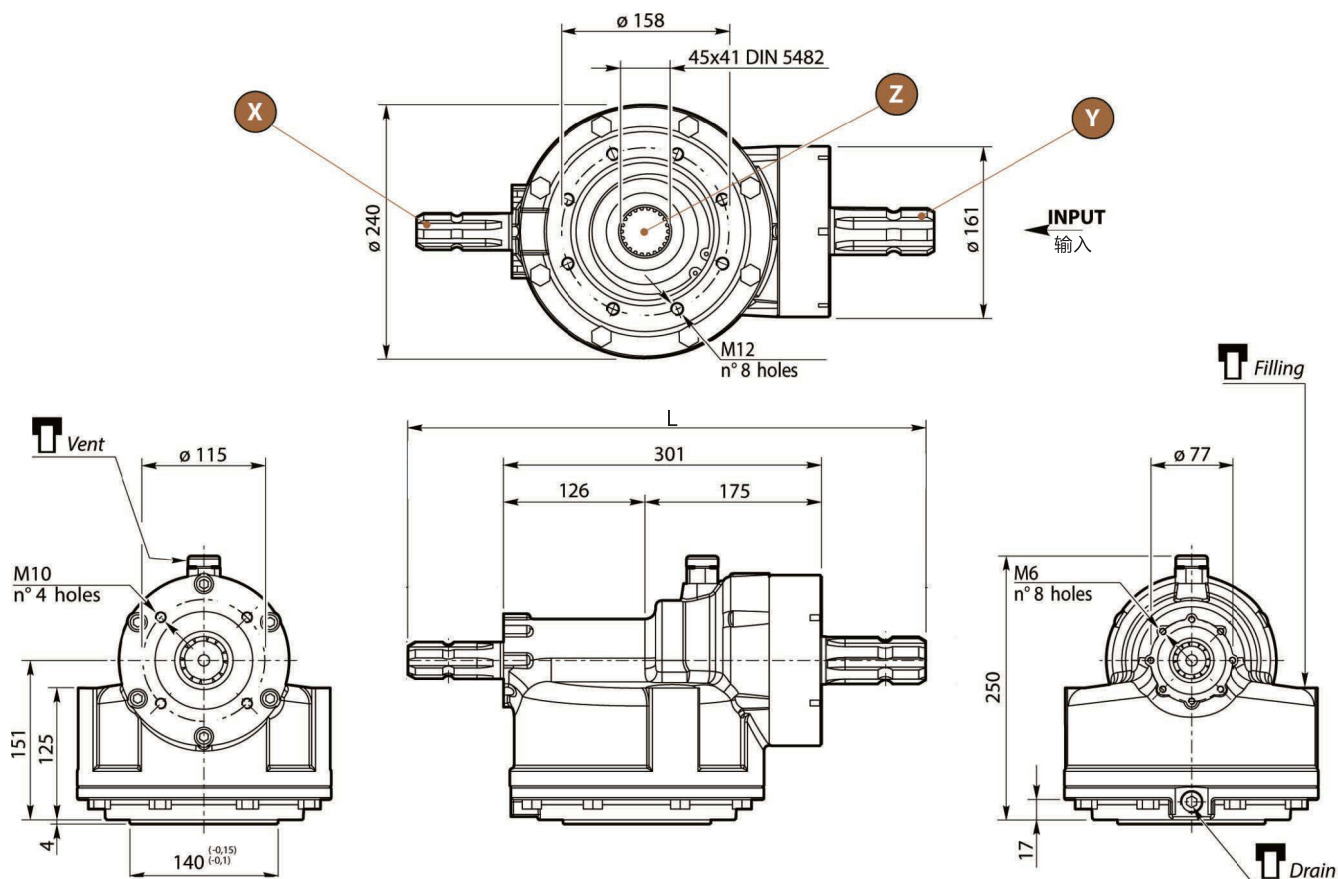
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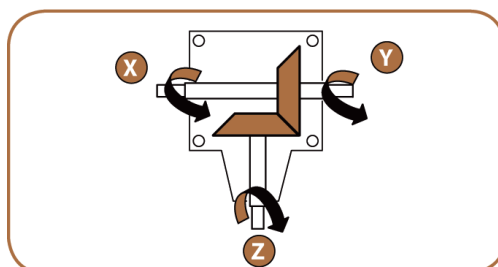
尺寸/Dimensions



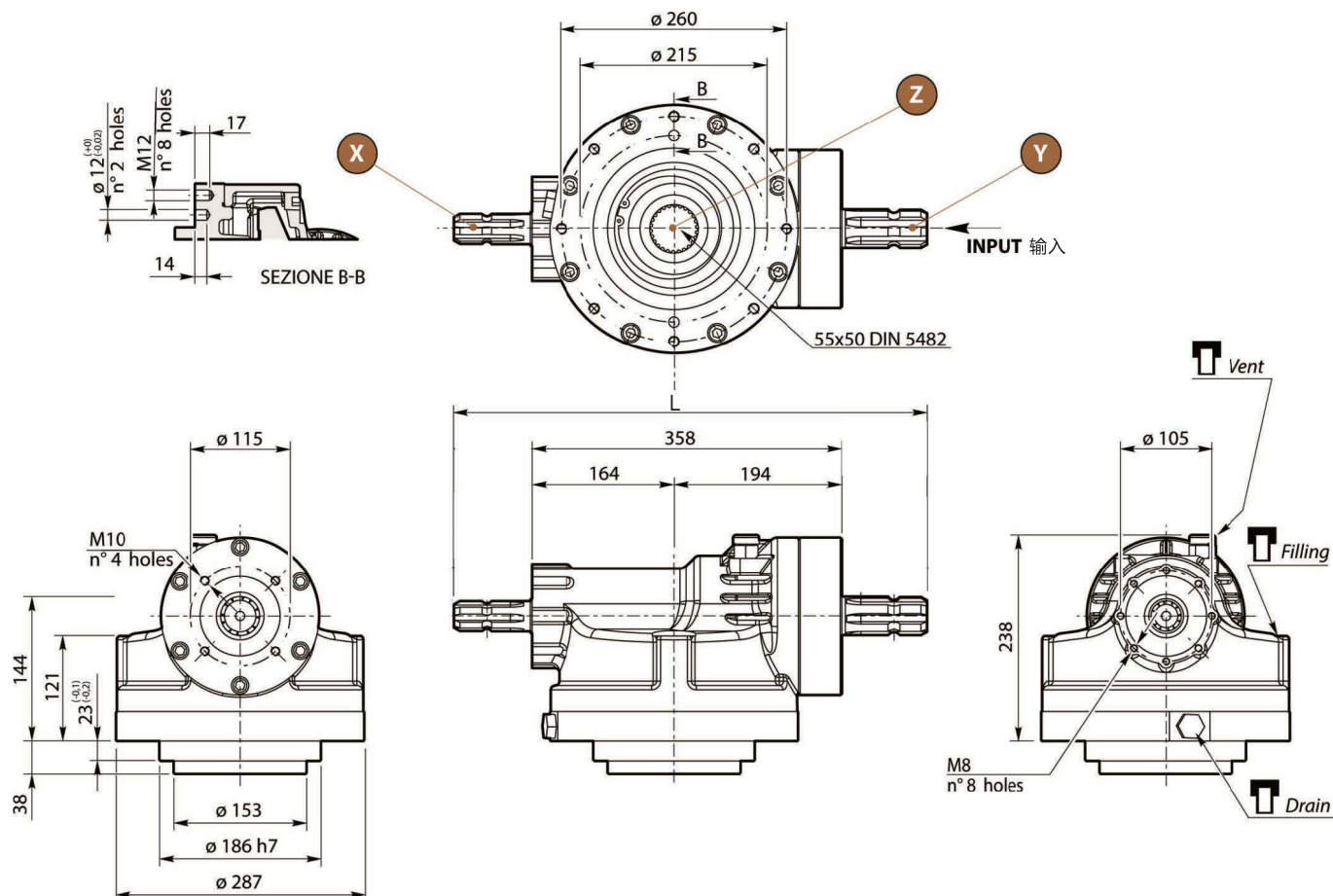
技术参数/Technical Data

I						材料 Material	齿型 Toothing	 KG	 LT
	输入转速 rpm input	输出转速 rpm output		输入扭矩 N.m(in put)	输出扭矩 N.m(out put)				
1.75:1	540	309	60/82	1057	1850	球铁 Ductile Iron GS400	Gleason Helical teeth 格里森螺旋伞齿	40	2.6
2.60:1	1000	385	75/102	711	1850		Cylindrical straight teeth 圆柱直齿		

转向/Rotations



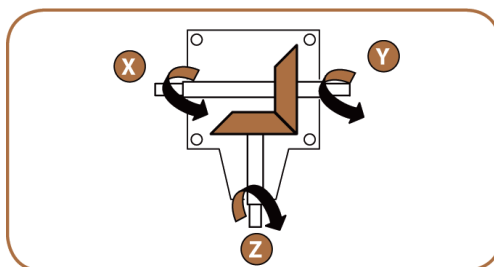
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技术参数/Technical Data

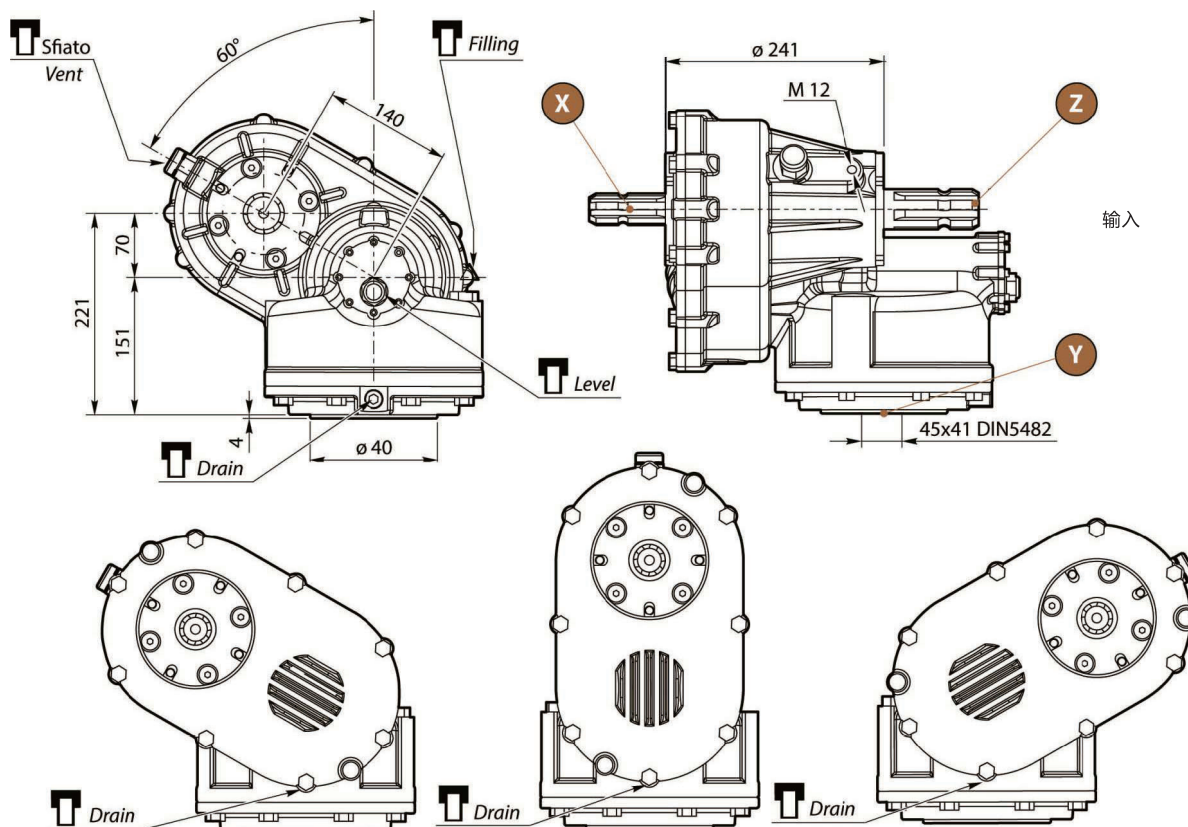
i						材料 Material	齿型 Toothing	 KG	 LT
	输入转速 rpm input	输出转速 rpm output	千瓦 (功率) Kw (HP)	输入扭矩 N.m(in put)	输出扭矩 N.m(out put)				
1.75:1	540	309	81/110	1371	2400	球铁 Ductile Iron GS400	Gleason Helical teeth 格里森螺旋伞齿 Cylindrical straight teeth 圆柱直齿	63	
2.60:1	1000	385	90/123	846	2200				

转向/Rotations





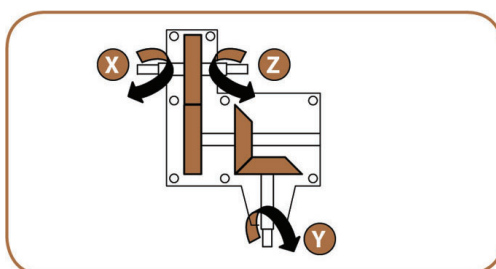
尺寸/Dimensions



技术参数/Technical Data

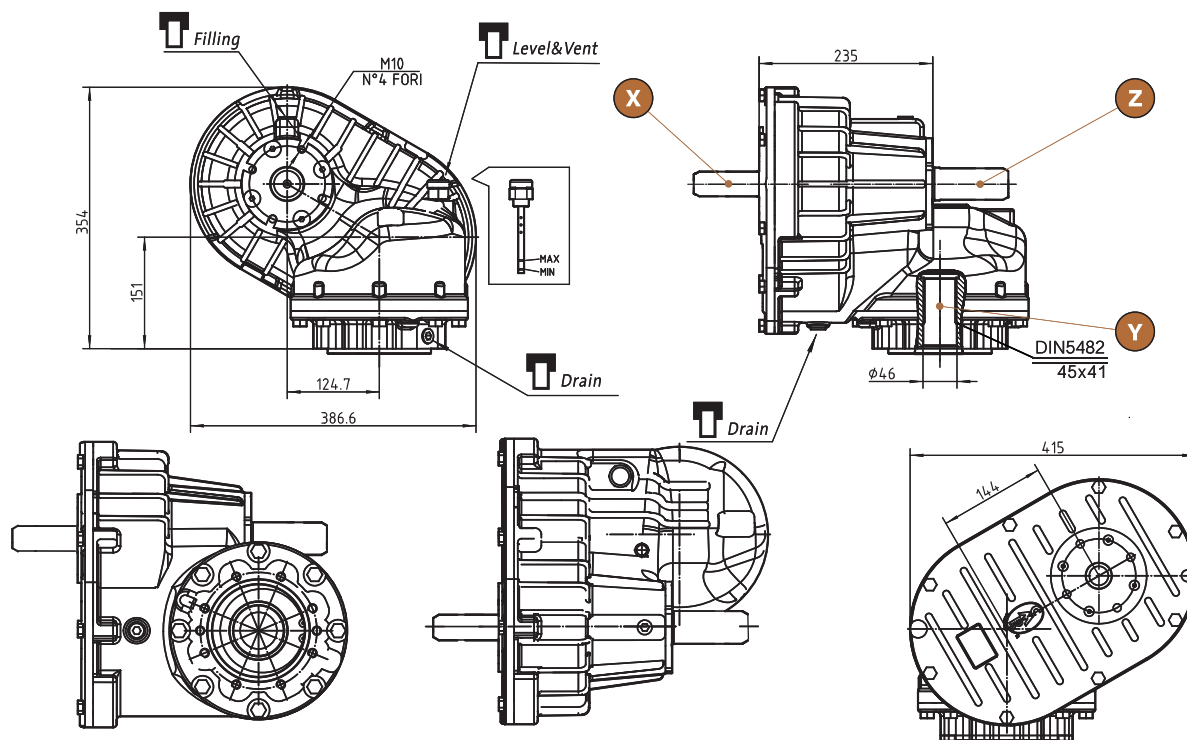
I						材料 Material	齿型 Toothing		
	输入转速 rpm input	输出转速 rpm output	千瓦 (功率) Kw (HP)	输入扭矩 N.m(in put)	输出扭矩 N.m(out put)			KG	LT
1.75:1	540	310	59/80	1045	1830	球铁 Ductile Iron GS400	Gleason Helical teeth 格里森螺旋伞齿 Cylindrical straight teeth 圆柱直齿	64	3.0
1.90:1	540	284	59/80	1026	1950				
2.90:1	1000	345	80/108	751	2180				
3.20:1	1000	313	75/102	687	2200				

转向/Rotations





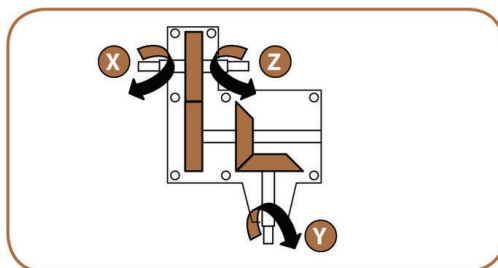
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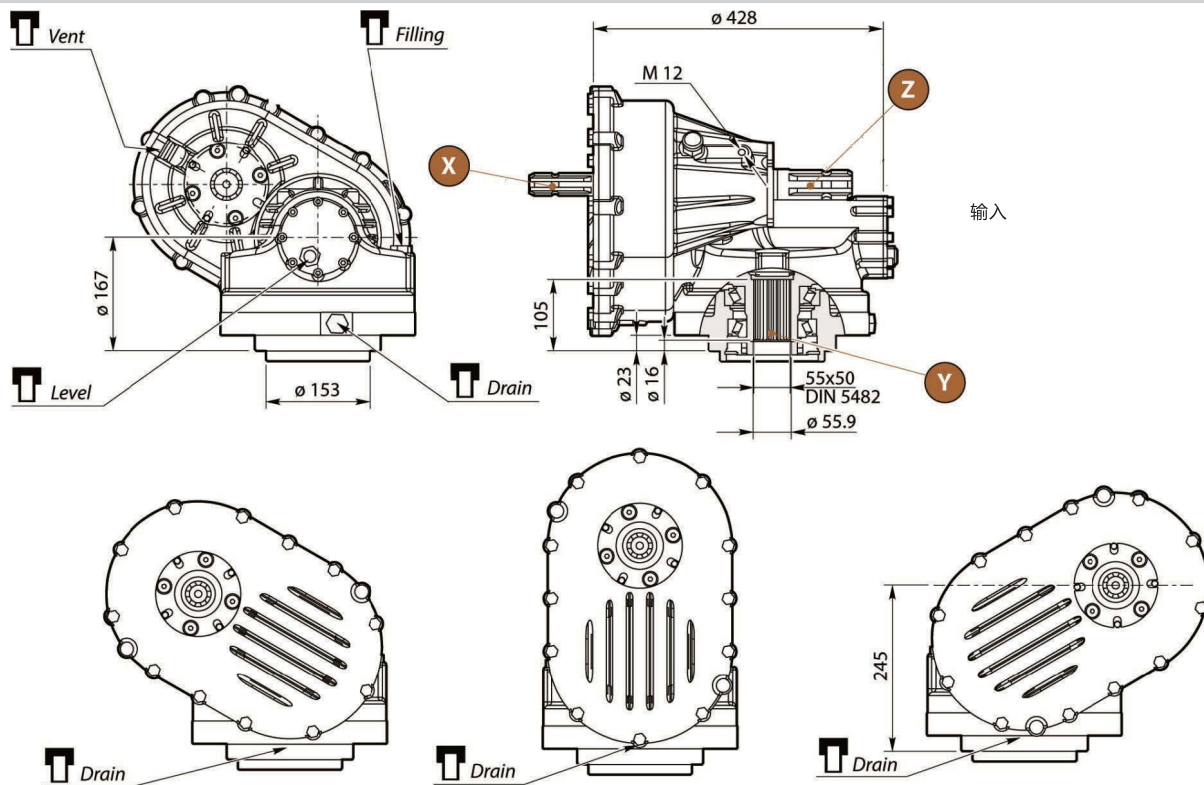
技术参数/Technical Data

I						材料 Material	齿型 Toothing		
	输入转速 rpm input	输出转速 rpm output	千瓦 (功率) Kw (HP)	输入扭矩 N.m(in put)	输出扭矩 N.m(out put)			KG	LT
3.30:1	1000	303	81/109	773	2553	球铁 Ductile Iron GS400	Gleason Helical teeth 格里森螺旋伞齿 Cylindrical straight teeth 圆柱直齿	69	3.0
2.93:1	1000	341	81/109	773	2267				
2.46:1	1000	407	81/109	550	1354				
2.07:1	1000	483	81/109	769	1593				
1.75:1	540	309	71/95	1255	2197				
1.47:1	540	367	71/95	1255	1846				
1.30:1	540	415	71/95	1255	1632				

转向/Rotations



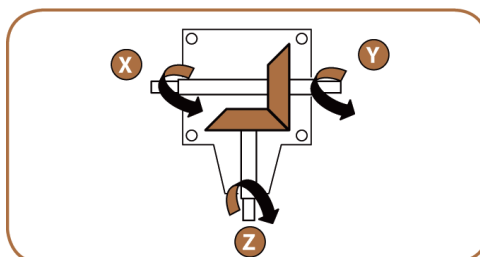
尺寸/Dimensions



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)	输入扭矩 N.m(in put)	输出扭矩 N.m(out put)	材料 Material	齿型 Toothing	KG	LT
2.07:1	540	260	81/110	1400	2900	球铁 Ductile Iron GS400	Gleason Helical teeth 格里森螺旋伞齿 Cylindrical straight teeth 圆柱直齿	104	4
3.73:1	1000	268	88/119.7	804	3000				
1.67:1	540	323	81110	1419	2370				
2.98:1	1000	336	88/119.7	835	2490				
1.44:1	540	374	81/110	1423	2050				
2.57:1	1000	389	88/119.7	835	2148				

转向/Rotations

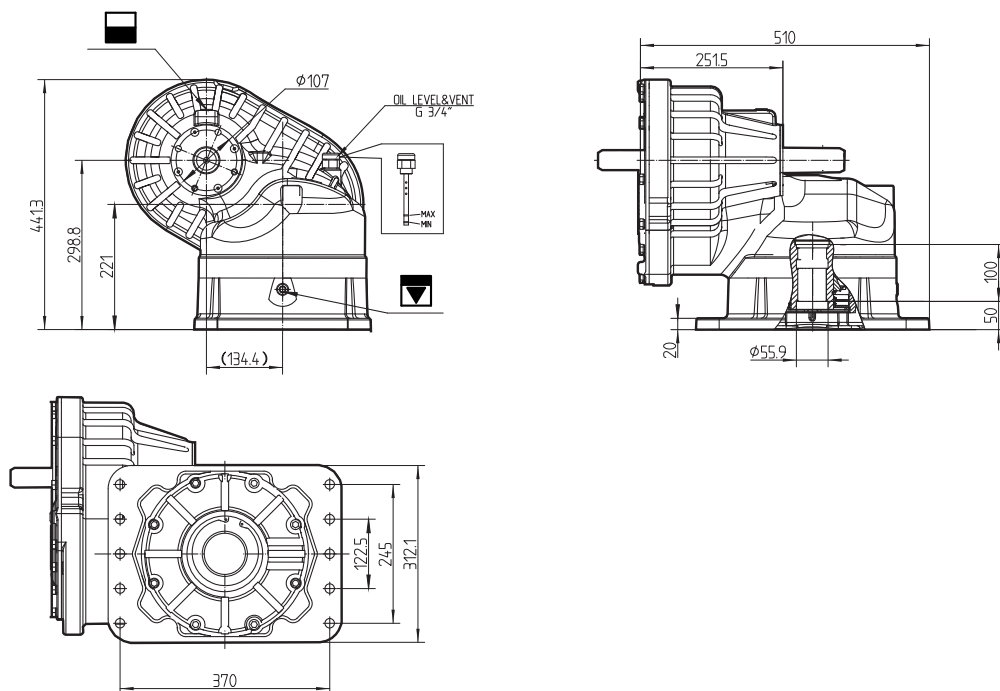




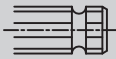
EC220

Serie EC/EM

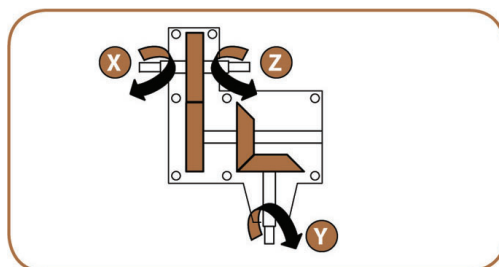
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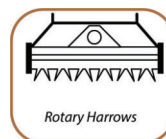


技术参数/Technical Data

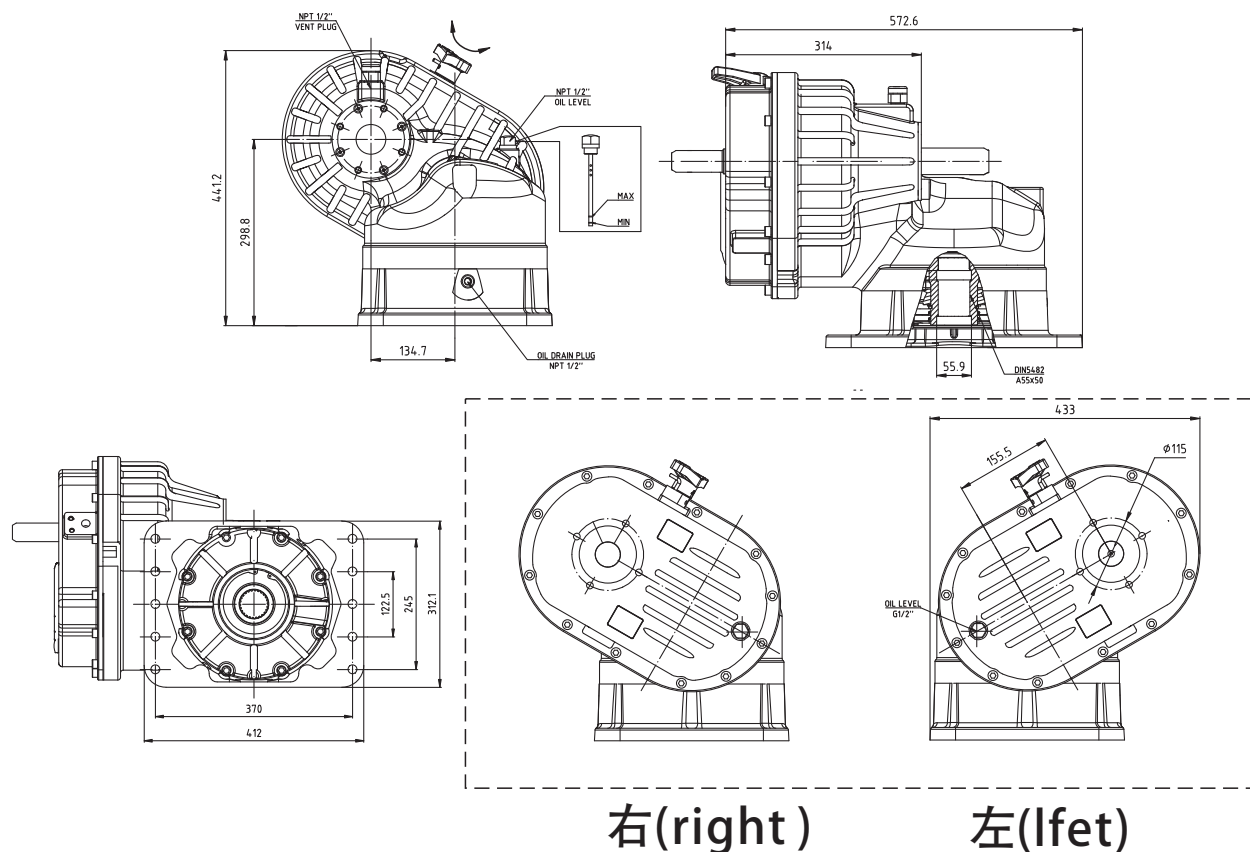
I						材料 Material	齿型 Toothing		
	输入转速 rpm input	输出转速 rpm output	千瓦 (功率) Kw (HP)	输入扭矩 N.m(in put)	输出扭矩 N.m(out put)			KG	LT
2.98:1	1000	335.6	158/212	1509	4496	球铁 Ductile Iron GS400	Gleason Helical teeth 格里森螺旋伞齿 Cylindrical straight teeth 圆柱直齿	104	4
2.57:1	1000	389	158/212	1509	3879				
2.07:1	800	386	158/212	1886	3909				
1.55:1	540	348	158/212	2794	4336				
1.24:1	540	435.5	158/212	2794	3465				
1.07:1	540	540.6	158/212	2794	2791				

转向/Rotations





尺寸/Dimensions



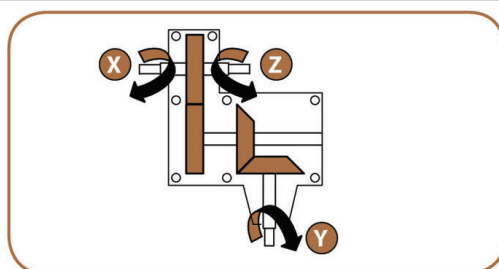
右(right)

左(left)

技术参数/Technical Data

型号 model	速比 ratio	输入转速 rpm input	输入功率 KW(HP)	输入扭矩 N.m(in put)	输出扭矩 N.m(out put)	齿轮类型 gear type	箱体材料 housing material
EC220C	2.57:1	1000	158/212	1509	3879	格里森螺旋伞齿 Gleason Helical teeth	球铁 Ductile Iron GS400
	2.07:1	800		1886	3909		

转向/Rotations

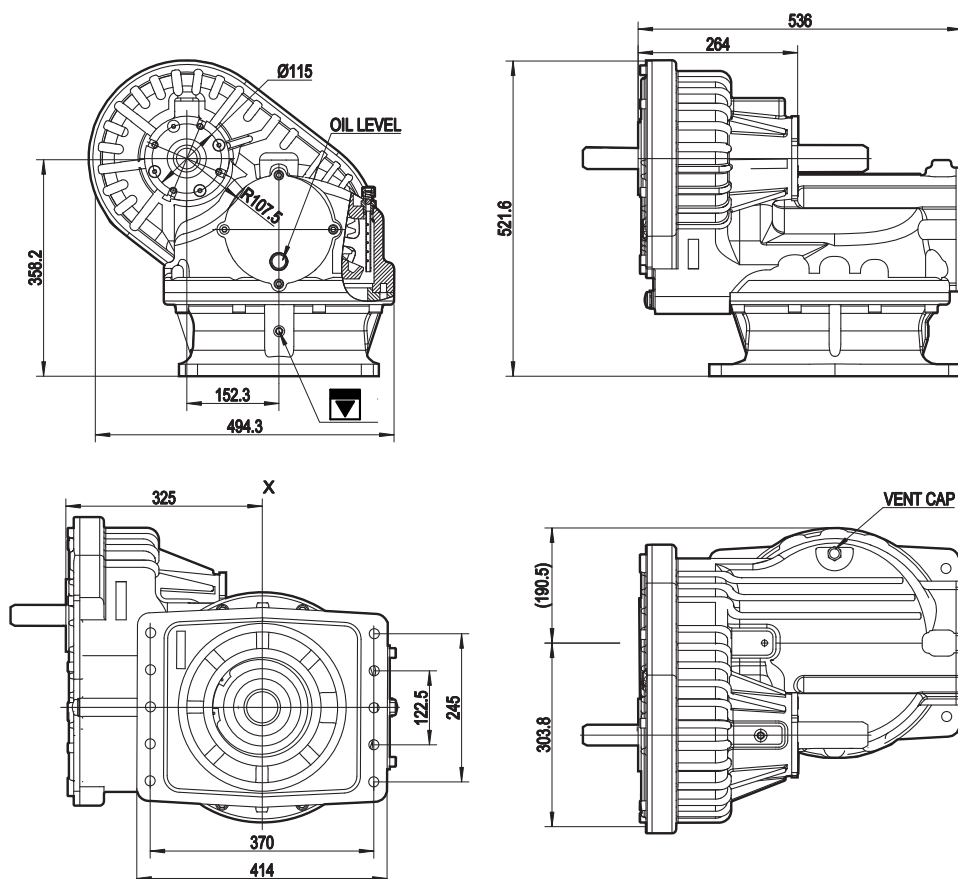




EC300



尺寸/Dimensions



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)	输入扭矩 N.m(in put)	输出扭矩 N.m(out put)	材料 Material	齿型 Toothing	KG	LT
2.45:1	1000	407	220/300	2571	6300	球铁 Ductile Iron GS400	Gleason Helical teeth 格里森螺旋伞齿	175	
3.49:1	1000	286	220/300	2009	7014		Cylindrical straight teeth		
2.07:1	1000	483	220/300	769	1593		圆柱直齿		

转向/Rotations

