

TGM5 系列齿轮马达简介

Introduction to TGM5 Series Gear Motors



特点

- 本系列高压齿轮泵采用高强度铸铁结构，具有体积小，压力高等特点
- 排量从5至25ml/r
- 安装形式、油口、轴伸有多种设计可供选择
- 整个工作过程中，压力平衡耐磨侧板可使泵始终保持高效率输出
- 100%出厂试验检测

FEATURES

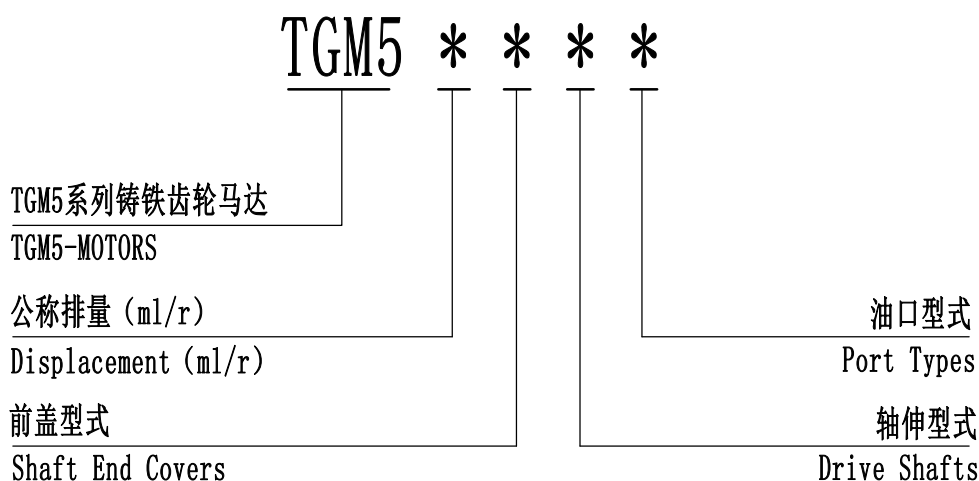
- This series of high-pressure gear pump uses high-strength cast iron structure, with small size, high pressure characteristics
- Cubic inch displacement from 0.305 through 1.525
- A wide range of porting ,mounting and shaft options available
- Pressure balanced wear plates maintain high pump efficiency throughout all operating ranges
- 100% factory tested

使用领域 APPLICATION FIELD

该产品设计构造适用于：环卫车辆、工程起重机械、铲土运输机械、桩工机械、矿山机械、钻探机械、压实机械等领域

Applicable to: sanitation vehicles, engineering lifting machinery, shovel transport machinery, piling machinery, mining machinery, drilling machinery, compaction machinery and other fields

标准型号说明 STANDARD MODEL IDENTIFICATION



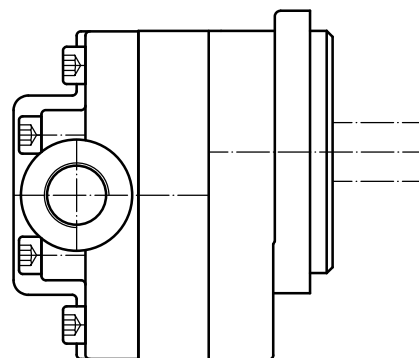
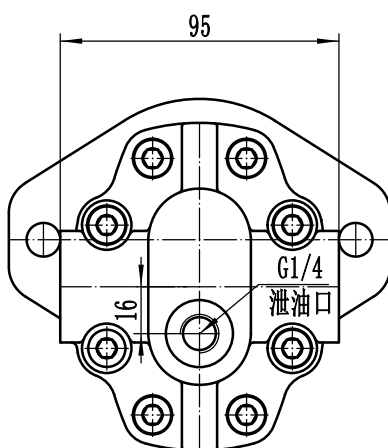
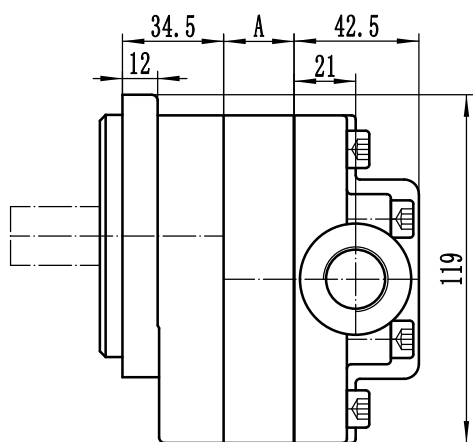
非标准产品型号请咨询派士乐研发中心

For non-standard product options ,consult PARSLE R&D Dept.

性能参数 PERFORMANCE

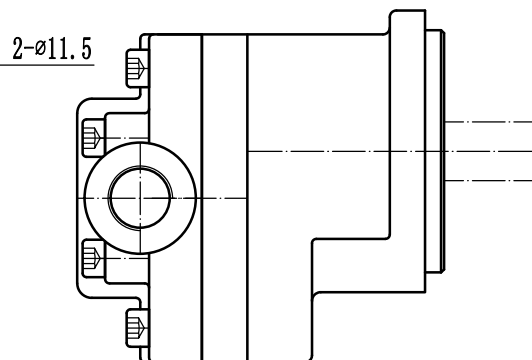
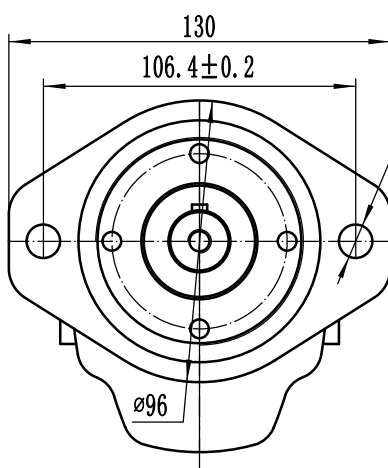
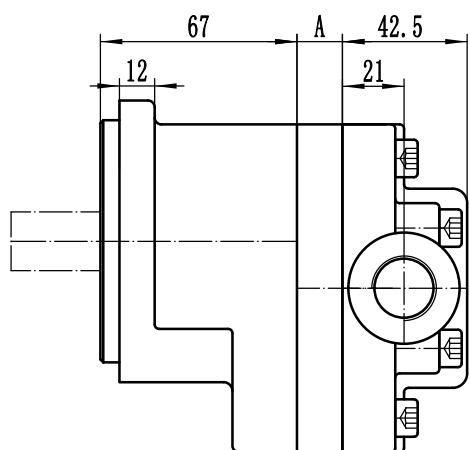
型 号 Model	公称排量 Nominal displacement (ml/r)	额定压力 Rated Pressure (MPa)	最高压力 Max. Pressure (MPa)	最高转速 Max. Speed (r/min)	最低转速 Min. Speed (r/min)	A (mm)
TGM5-04	4.0	20	25	3500	800	7.0
TGM5-06	6.4				700	10.0
TGM5-08	8.1				600	12.5
TGM5-10	10.0					15.5
TGM5-12	12.6					19.5
TGM5-16	15.9				500	24.5
TGM5-20	19.9					30.5
TGM5-25	25.0					38.5

外形尺寸 Outline Dimensions

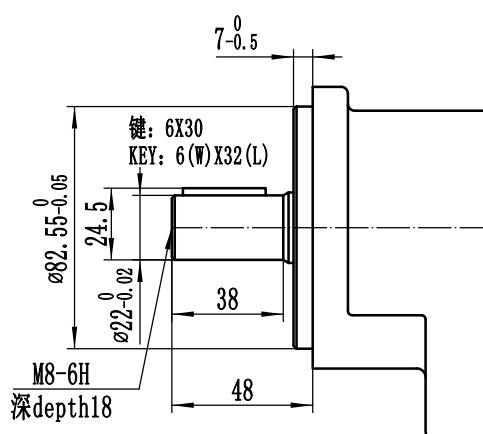
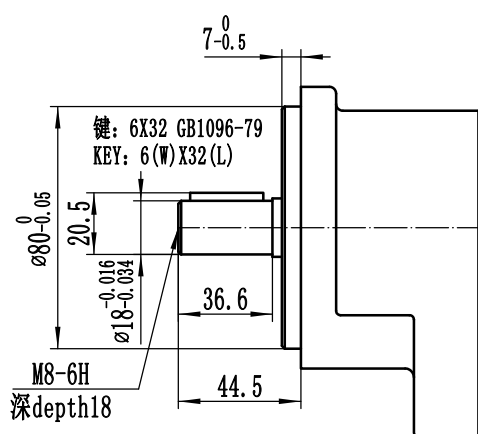


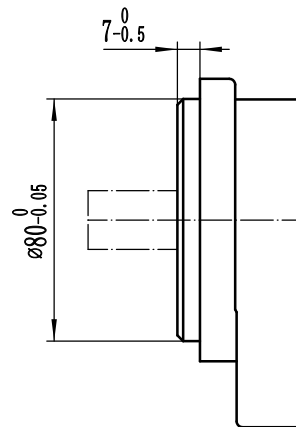
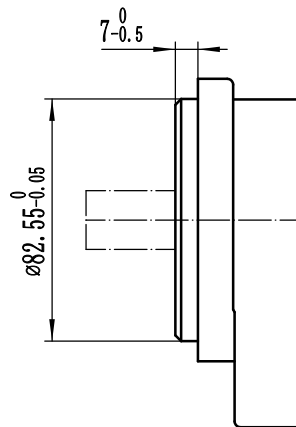
说明: 尺寸“A”见“性能参数”

Note: Dimension “A” are covered in “performance”

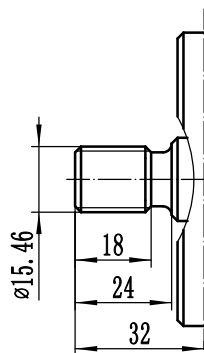


前盖型式 SHAFT END COVERS

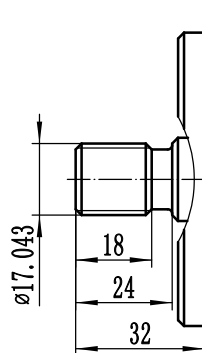




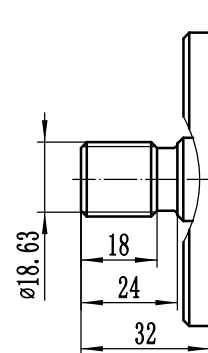
轴伸型式 DRIVE SHAFTS



SAE花键参数 SAEsplines	
齿数 No. of tooth	9
径节 DP	16/32
压力角 Pressure angle	30°

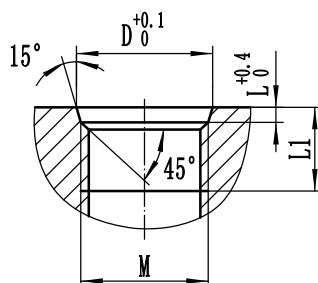


SAE花键参数 SAEsplines	
齿数 No. of tooth	10
径节 DP	16/32
压力角 Pressure angle	30°

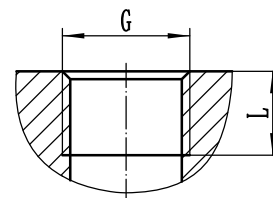


SAE花键参数 SAEsplines	
齿数 No. of tooth	11
径节 DP	16/32
压力角 Pressure angle	30°

油口型式 PORT TYPES



公制螺纹油口 Metric Straight thread			
M	D	L	L1
M22X1.5	23.8	2.4	16
M27X2	29.4	3.1	20



管螺纹油口 BSPP PORT	
G	L
G1/2	17
G3/4	19