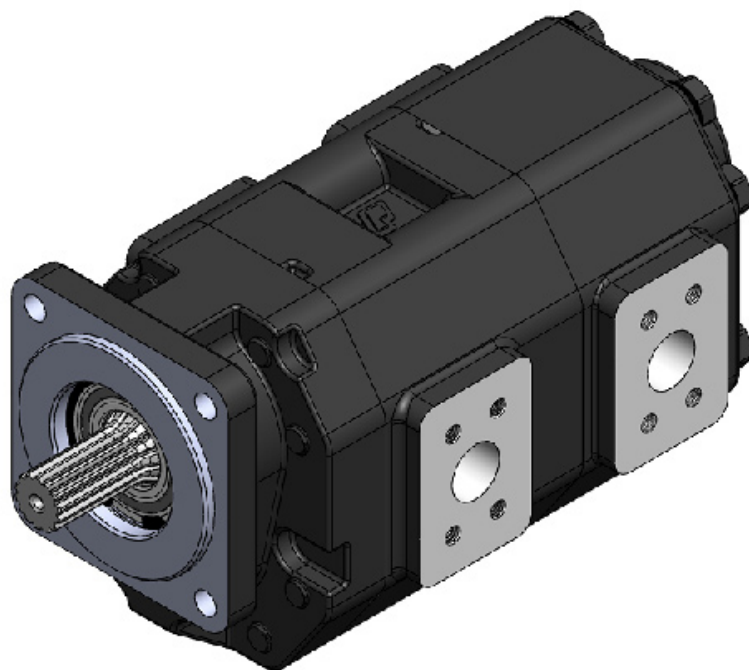


PERMCO

T3.5 TERRA

高压大排量滑动轴承齿轮泵齿轮马达

HIGH PRESSURE LARGE DISPLACEMENT SLEEVE BUSHING PUMPS AND MOTORS



齿轮泵及齿轮马达特点

GEAR PUMP AND MOTOR FEATURES

特点

- ☐ 本系列最高压力可达25MPa
- ☐ 排量从35.8至214.6ml/r
- ☐ 两体式设计，结构更加紧凑
- ☐ 行业领先的产品性能，提供极高可靠性和更长工作寿命
- ☐ 独有专利技术的结构设计，带来低于行业标准的噪音
- ☐ 国际化先进试验及检验标准，严格控制产品质量，100%出厂检验
- ☐ 泵和马达均有多种联接形式，联接尺寸符合SAE标准
- ☐ 可按用户要求设计成单联泵和多联泵

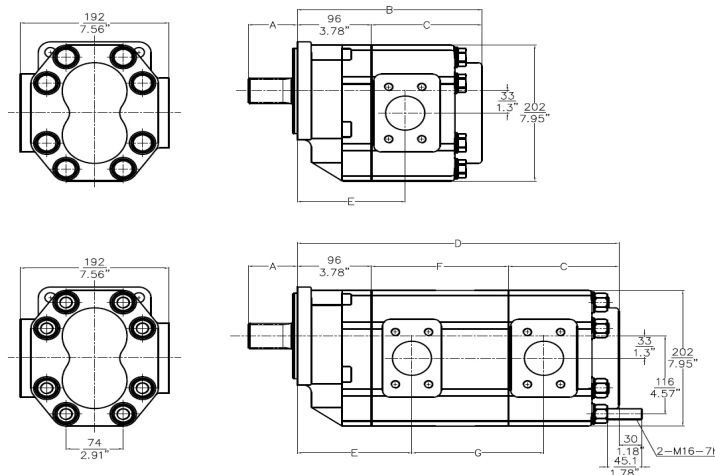
FEATURES

- ☐ Maximum pressure up to 3625 PSI
- ☐ Cubic inch displacement from 2.18 through 13.1
- ☐ Split in two construction, more compact structure
- ☐ Unique and patented structural design plan, leads to lower noise below industry standards
- ☐ High strength alloy steel gear shafts greatly advanced the operating pressure grade
- ☐ Strictly check product quality with international advanced test standard inspection standard 100% factory inspection
- ☐ A wide range of porting, mounting and shaft options available for SAE and European standards
- ☐ Customized single and multiple unit options available



The Sensible Choice

T3.5系列尺寸数据 (mm/in) DIMENSIONAL DATA (mm/in)



- A. SAE "C" shaft shown, other shafts available
图示为SAE "C"轴伸, 轴伸型式有多种选择
- B. 7.03" plus gear width
178.6 mm 加齿轮宽度
- C. 3.25" plus gear width
82.6 mm 加齿轮宽度
- D. 11.74" plus total gear width
298.2 mm 加总齿轮宽度
- E. 3.78" plus oil port position
96 mm 加油口位置尺寸
- F. 4.71" plus gear width
119.6 mm 加齿轮宽度

性能 PERFORMANCE

齿轮泵 Gear Pumps

Displacement 排量 ml/rev	Gear Width 齿宽 Inch 英寸	Rated Pressure 额定压力 MPa	Max Pressure 最高压力 MPa	Working Speed RPM 工作转速 转/分 Max 最高 Min 最低	Input Power 输入功率 KW
35.8	1/2	20	25	2200 600	29.1
53.6	3/4	20	25	2200 600	43.7
62.6	7/8	20	25	2200 600	51.0
71.5	1	20	25	2200 600	58.3
80.5	1-1/8	20	25	2200 600	65.6
89.4	1-1/4	20	25	2200 600	72.8
98.3	1-3/8	20	25	2200 600	80.1
107.3	1-1/2	20	25	2200 600	87.4
116.2	1-5/8	20	25	2200 600	94.7
125.2	1-3/4	20	25	2200 600	102.0
134.1	1-7/8	20	25	2200 600	109.3
143	2	20	25	2200 600	116.6
152	2-1/8	20	25	2200 600	123.8
160.9	2-1/4	20	25	2200 600	131.1
169.9	2-3/8	20	25	2200 600	138.4
178.8	2-1/2	20	25	2200 600	145.7
196.7	2-3/4	20	25	2200 600	160.3
214.6	3	20	25	2200 600	174.8

齿轮马达 Gear Motors

Displacement 排量 ml/rev	Gear Width 齿宽 Inch 英寸	Rated Pressure 额定压力 MPa	Max Pressure 最高压力 MPa	Working Speed RPM 工作转速 转/分 Max 最高 Min 最低	Output Torque 输出扭矩 N-m
35.8	1/2	20	25	2200 600	102.5
53.6	3/4	20	25	2200 600	153.8
62.6	7/8	20	25	2200 600	179.4
71.5	1	20	25	2200 600	205.0
80.5	1-1/8	20	25	2200 600	230.6
89.4	1-1/4	20	25	2200 600	256.3
98.3	1-3/8	20	25	2200 600	281.9
107.3	1-1/2	20	25	2200 600	307.5
116.2	1-5/8	20	25	2200 600	333.1
125.2	1-3/4	20	25	2200 600	358.8
134.1	1-7/8	20	25	2200 600	384.4
143	2	20	25	2200 600	410.0
152	2-1/8	20	25	2200 600	435.6
160.9	2-1/4	20	25	2200 600	461.3
169.9	2-3/8	20	25	2200 600	486.9
178.8	2-1/2	20	25	2200 600	512.5
196.7	2-3/4	20	25	2200 600	563.8
214.6	3	20	25	2200 600	615.0