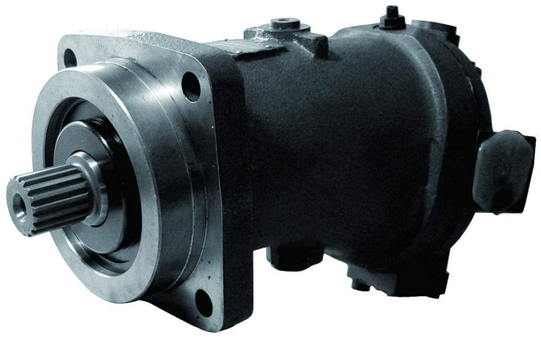
TG-A6V变量柱塞马达 Variable displacement motor TG-A6V



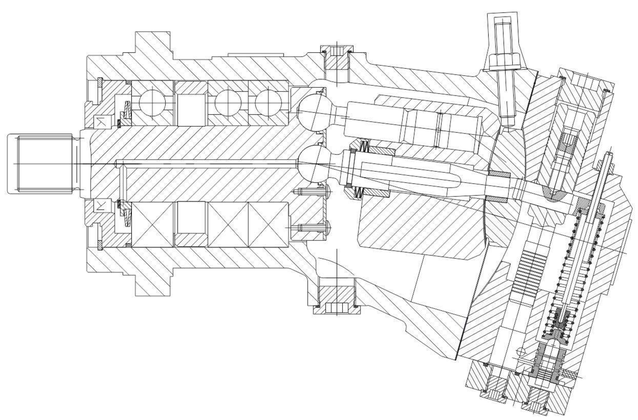
●说明:
该变量马达是专为带有次级控制液力驱动设计的，排量调节范围Vgamx/Vgmin=3.47的整套控制总成（规格250除外）

● Description:
The variable displacement motor is specially designed with secondary control range for hydrostatic transmission ， as its displacement varies Vgamx/Vgmin=3.47 (size 250 excepted)

●特点:
用静压传动时有较大的调节范围
在较小倾角下可提高输出转速
省掉多速比齿轮箱
启动特性好
效率高

● Characteristics:
Widely control range for hydrostatic transmission
Enhancing the output speed at smaller angle
Cost-saving achieved by elimination of gearboxes
Excellent starting characteristics
High efficient

TG-A6V系列剖视图 TG-A6V Series section



型号说明Type Code

TG-	A6V	107	HA1	D	F	Z	1	0650

泰铬品牌 Taige brand

马达型号 Motor Type

变量马达 A6V
Variable displacement motor

排量(Vgmin ~ Vgmax) 规格

Displacement	Size
(8.1～28.1ml/r)	28
(15.8～54.8ml/r)	55
(23～80ml/r)	80
(30.8～107ml/r)	107
(46～160ml/r)	160
(64.8～225ml/r)	225
(0～250ml/r)	250

变量方式 Control Device

液控变量 Hydraulic control pilot pressure related	控制压差 Pilot pressure Increase	△p=1MPa	HD1
	控制压差 Pilot pressure Increase	△p=2.5MPa	HD2
高压自动变量 Automatic control High pressure Related	恒压 Constant pressure	△p=10MPa	HA1
	升压 Pressure increase		HA2
电控变量 Electrical control	比例式 Proportional solenoid		EL
	两点式 2-point control		ES
转速液压控制	Hydraulic control, speed related		DA
扭矩控制	Mooring control		MO
手动控制	Manual control		MA

警告用户:
为了延长使用寿命，请用户做到：
1. 任何场合都应保持液压油的清洁度；
2. 定期更换液压油（工作1000～3000小时或六个月）。

NOTE:
To help ensure its longevity, please be careful to :
1. Keep the operating fluid clean anywhere.
2. Change the hydraulic fluid periodically (Operation 1000～3000hours or six months).

最小排量设定值 Min Swept Volume setting

总成型式 Assembly Type

(解释见控制装置说明及元件尺寸)
(Viewed control device and unit dimensions)

轴伸 Shaft End

平键GB1096-79	Keyed Shaft	P
花键DIN5480	Splined Shaft	Z
花键GB3478.1-83	Splined Shaft	S

连接油口 Pipe connections

SAE法兰，侧面	SAE Flange on side	F
公制螺纹，侧面	Meric Thread on side	G

压力调节 Pressure adjustment

带压力调节 (适用于HD控制)	with pressure adjusting (For HD control)	D
不带压力调节	Without pressure adjusting	无标识 Without identifier

定货示例:
A6V、107、HA1、F、Z、1、0650
斜轴式变量马达A6V，规格107，高压自动控制△P=10MPa，侧面SAE法兰连接，德标花键，1型总成，最小排量设定值为Vgmin=65ml/r。

Ordering Example:
A6V、107、HA1、F、Z、1、0650
Axial piston variable displacement motor A6V, Size107, Automatic control high pressure related , △P=10MPa, SAE flange connections on side, splined shaft DIN5480, Assembly type 1,min.swept volume setting Vgmin=65ml/r.

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