

用途

Use

计量泵为高压轴向柱塞泵,该泵主要用于泵送和计量聚氨类液体
The metering pump is the high-pressured axial ram pump, Should pump mainly uses in the pump over and the measurement gathers the ammonia class liquid

特点

Characteristic

- ◆ 各种流量的计量精度重复性高
Each kind of current capacity measuring accuracy duplication is high
- ◆ 通过带内装精确测量刻度的手轮进行手动调节流量,调节准确,运行平稳
Carries on the manual regulation current capacity through the belt internal installation precision measuring scale division hand wheel, Adjusts accurately, Moves steadily
- ◆ 工作压力可到25Mpa
The working pressure may to 25Mpa
- ◆ 进口压力低,可泵送高粘度液体
The inlet pressure is low, But pump over high viscosity liquid
- ◆ 通过特殊的相匹配材料和特殊密封的使用,泵零件与所泵送的材料(多羟基化合物、异氰酸酯)相容。
Through matching materials and special and sealed use specially, the part of the pump and material(the chemical compound of many hydroxyls,different cyanic acid ester) of pump sending are inclusive.
- ◆ 流量脉动小, 容积效率高
Flow pulsation small, the ovlumetric efficiency is high

技术参数

Technical parameter

安装位置 Installs the position

任选, 但带计数器的手轮轴必须保持水平

No matter what elects, but the belt counter hand wheel axle must maintain the level

工作压力范围 Working pressure scope

◆ 进口侧 Import side

开式回路: 吸油口S处为0.1-0.3Mpa绝对压力

Operates the type return route: Blots mouth S place is

0.1 - 0.3Mpa absolute pressure

闭式回路: 油口A和B的压力之和 $\leq$ 25Mpa

(32Mpa短期) 在油口T或T处接泄油管

Closed type return route: Oil mouth A and B sum of $\leq$ 25Mpa pressure (the 32Mpa short-term) meets the drainage pipe in oil mouth T or T place

出口侧 (油口A或B的压力)

Exportation side (oil mouth A or B pressure)

公称压力 PN-----25Mpa

Nominal pressure PN-----25Mpa

峰值压力 Pmax-----32Mpa

Peak value pressure Pmax-----32Mpa



液流方向 Liquid flow direction

摆动方向	顺时针旋转		逆时针旋转	
Swings the direction	Clockwise rotation		Anti-clockwise rotation	
	开式回路	闭式回路	开式回路	闭式回路
	Operates the type return route	Closed type return route	Operates the type return route	Closed type return route
顺时针	S到B(A堵住)	A到B	S到A(B堵住)	B到A
Clockwise	S to B(A stops up)	A to B	S to A(B stops up)	B to A
逆时针	S到A(B堵住)	B到A	S到B(A堵住)	A到B
Anti-clockwise	S to A(B stops up)	B to A	S to B(A stops up)	A to B

剖视

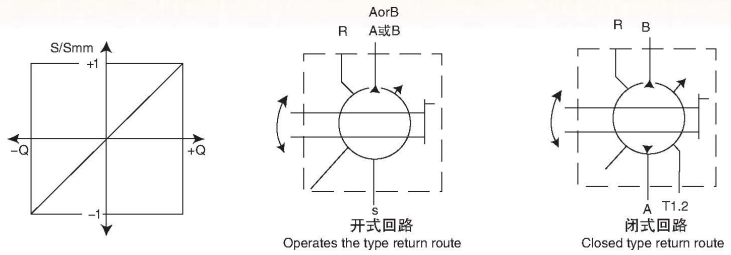


数据表: Data sheet

规格 Specification			12	28	55	107
排量 Vg max Displacement Vg max		cm ³	11.6	28.1	54.8	107
流量 Qmax Current capacity Qmax	n=735rpm	L/min	8.3	20	39	76
开式回路中，转速分路为						
(粘度 $\nu=36\text{mm}^2/\text{s}$)						
Operates in the type return route, the rotational speed by-pass is	n=970rpm	L/min	10.9	26	51	100
	n=1450rpm	L/min	16.3	39	77	150
(Viscosity $\nu=36\text{mm}^2/\text{s}$)						
功率，在 $\Delta p=25\text{Mpa}$ 转速分辨为	n=735rpm	KW	4	9	17	33
The power, in $\Delta p=25\text{Mpa}$	n=970rpm	KW	5	12	22	43
Rotational speed resolution is	n=1450rpm	KW	7	17	33	65

MA手动变量 MA manual variable

通过转动手轮带动自锁螺杆使泵的摆角转动，从而使泵的排量或输出流量Qa到Qmax范围中无级变化
Causes the pivot angle rotation through the rotation hand wheel impetus selflocking screw rod which pumps, thus causes the displacement or delivery rate Qa which pumps to the Qmax scope in the limitless change



规格		12	28	55	107
Specification					
Vgo到Vgmax手轮转动圈数	Us	10.6	12.7	16	13.4
Turns Vgo to the Vgmax hand wheel rotation					
手轮上的最大操作力	Kp	7	7	8	12
On hand wheel biggest operation strength					
泵的近似重量	Kg	19	36	64	117
Pumps approximate weight					



JLB	12	MA	0	R	P	1
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泵型式
Types of the Pump

计量泵
Measurement pump

规格 (排量)
Specification (Displacement)

11.6cm³ 12

28.1cm³ 28

54.8cm³ 55

107.0cm³ 107

变量方式 (只允许单向变量)
The variable way
(only permits unidirectional variable)

手动变量
manual variable

回路形式
Types of the return route

开式回路
Operates the type return route

闭式回路
Closed type return route

装配方式
Assembly way

手轮在左侧
Hand wheel in left side

手轮在右侧
Hand wheel in right flank

(从轴端看)
(Looks from axial-tab terminal)

轴伸 Axle elongation

平键
Parallel Keyed

平键 (加长)
Parallel Keyed
(Lengthens)

旋转方向(从轴端看)
Hand of rotation
(Looks from axial-tab terminal)

顺时针
Clockwise

逆时针
Anti-clockwise

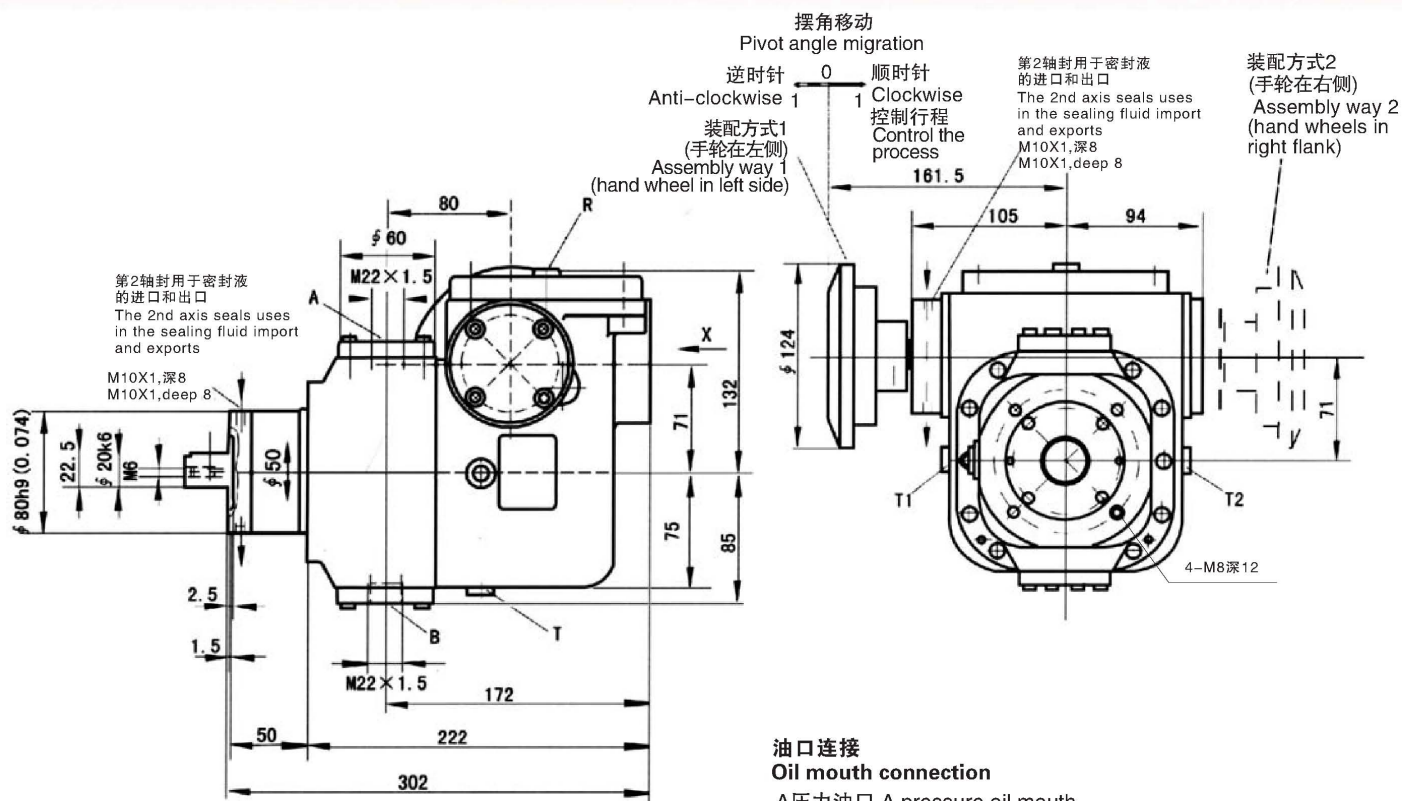
定货举例

The ordering of an example
JLB12MAORP1
计量泵JLB,规格(排量)12
Metering pump JLB, Specification
(displacement) 12
带手动变量MA, 开式回路
with manual variable MA,
Operates the type return route
顺时针旋转,主轴平键, 手轮在左侧
Clockwise rotation, Parallel Keyed,
Hand wheel in left side

注 Note
计量泵JLB相当于力士乐
A2VK泵
Metering pump JLB is equal
in Rexroth A2VK pumps

JLB12MA泵外形图

JLB12MA pumps outline drawing



油口连接

Oil mouth connection

A 压力油口 A pressure oil mouth

B 压力油口 (仅用于闭式回路)

The B pressure oil mouth (only uses in closed type return)

S 进油口 (仅用于开式回路)

The S oil in (only uses in type return route)

T 放油口 M12X1.5

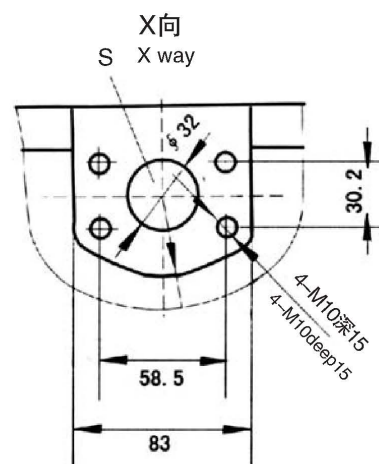
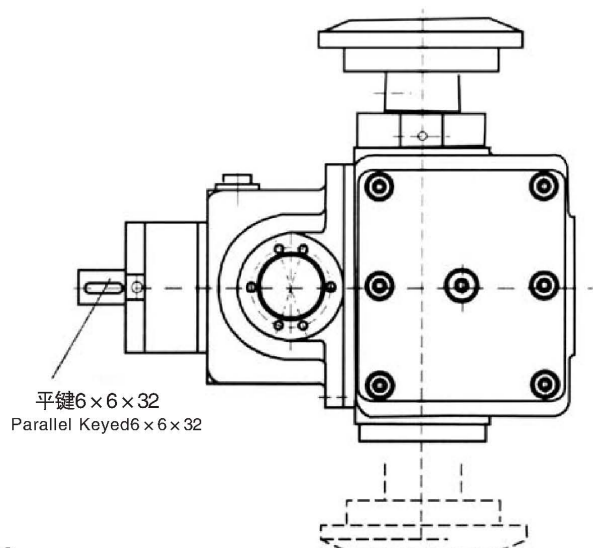
T oil outlet M12X1.5

T1, T2 泄油口 M12X1.5

T1, T2 releases oil mouth M12X1.5

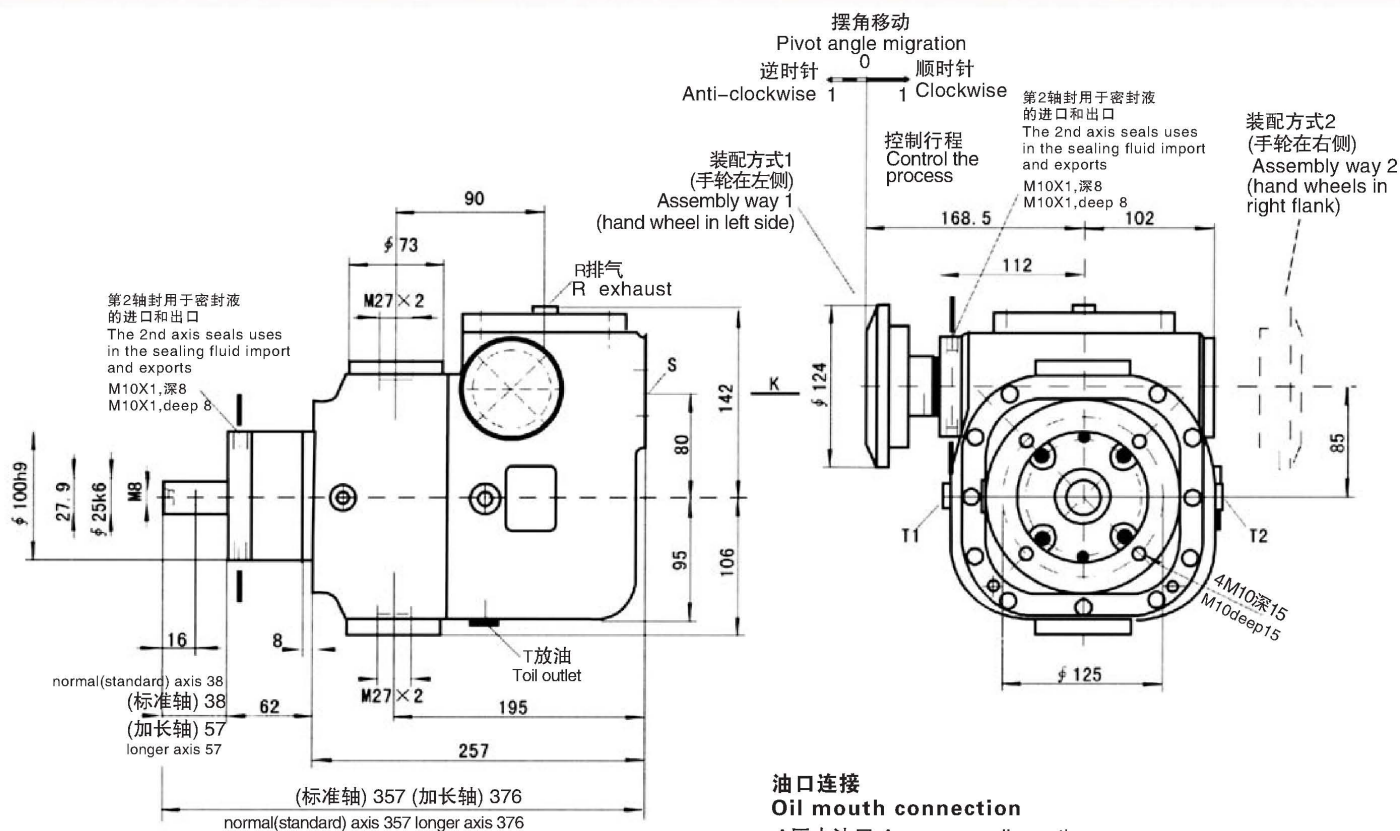
R 排气口 M12X1.5

R air vent M12X1.5



JLB28MA泵外形图

JLB28MA pumps outline drawing



油口连接

Oil mouth connection

A压力油口 A pressure oil mouth

B 压力油口(仅用于闭式回路)

The B pressure oil mouth (only uses in closed type return)

S 进油口 (仅用于开式回路)

The S oil in (only uses in type return route)

T 放油口 M18X1.5

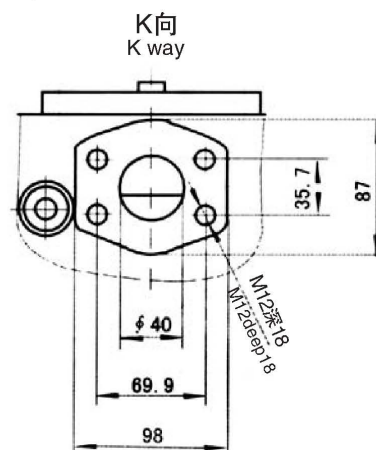
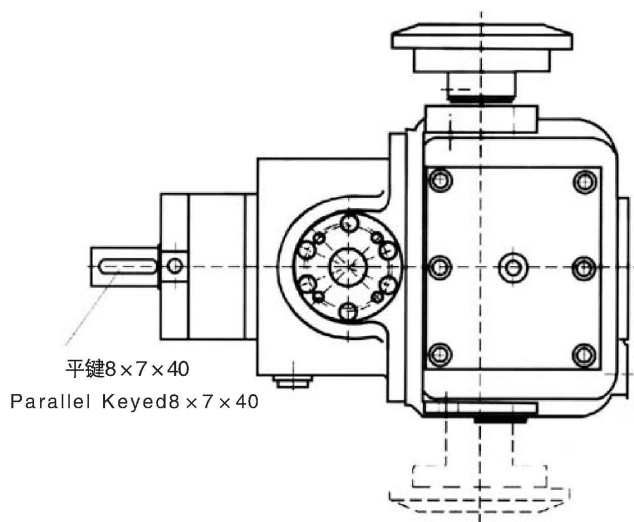
T oil outlet M18X1.5

T1, T2 泄油口 M14X1.5

T1, T2 releases oil mouth M14X1.5

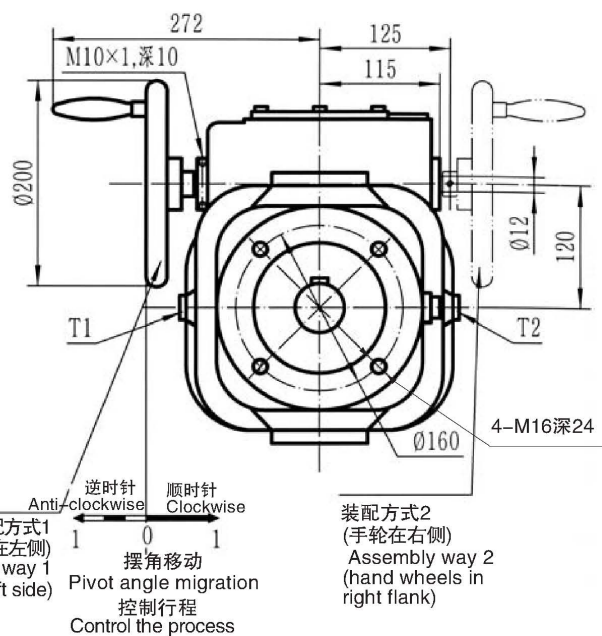
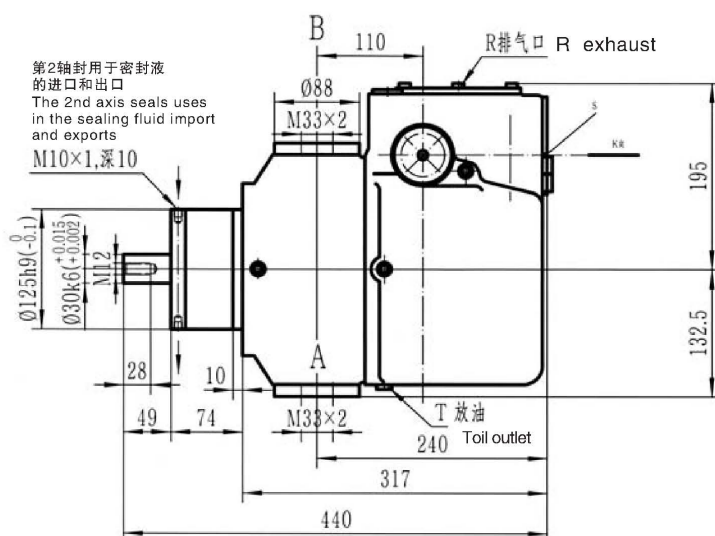
R 排气口 M12X1.5

R air vent M12X1.5



JLB55MA泵外形图

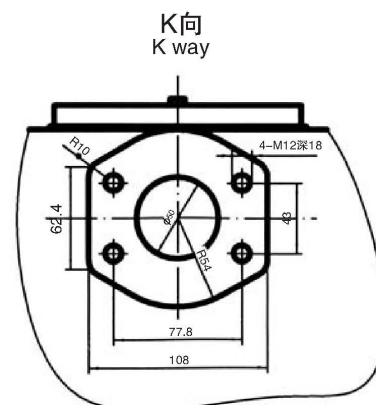
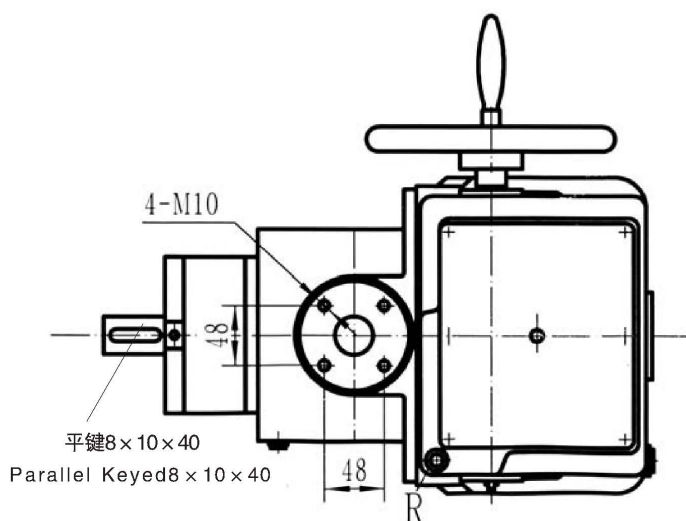
JLB55MA pumps outline drawing



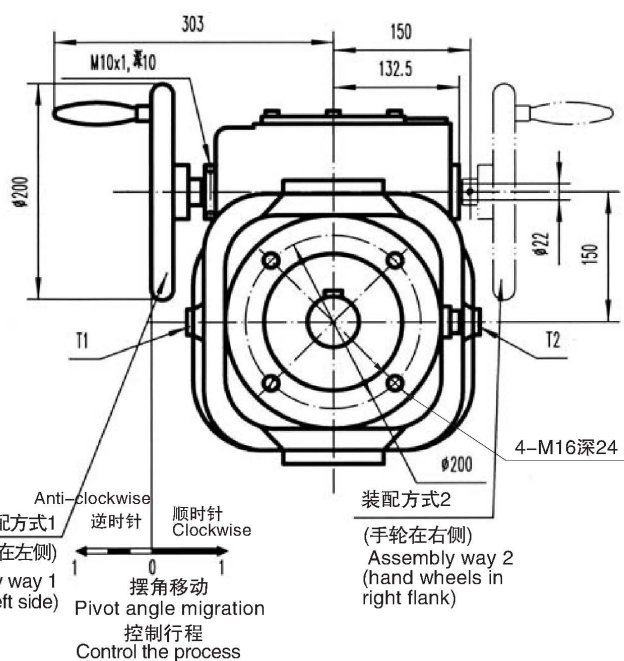
油口连接

Oil mouth connection

A压力油口 A pressure oil mouth
 B 压力油口(仅用于闭式回路)
 The B pressure oil mouth (only uses in closed type return)
 S 进油口 (仅用于开式回路)
 The S oil in (only uses in type return route)
 T 放油口 M22X1.5
 T oil outlet M22X1.5
 T1, T2 泄油口 M14X1.5
 T1, T2 releases oil mouth M22X1.5
 R 排气口 M12X1.5
 R air vent M12X1.5



JLB107MA pumps outline drawing



Oil mouth connection

R air vent M12X1.5

