



A2FK polyurethane fixed flow pump

Axial piston pump for delivering the isocyanate and polyol media

Main features:

1. Double shaft seals eliminate oil leakage from the pump
2. Range of pump sizes to match customer applications
3. low inlet pressure, can pump high viscosity liquid
4. Special surface treatment increases corrosion protection
5. Small flow pulsation, high volume efficiency
6. Made of special materials of biaxial seals and flushing chamber, easy to damage inspection and environmental protection



Technical data

1. Operating viscosity range 1-2000 cSt
2. Drive speed range 500-1800 rpm
3. Optimum operating temperature range 10-50°C
4. Maximum operating temperature 80°C
5. Inlet pressure 1-8bar
6. Nominal pressure 250bar

型号说明/Ordering code

A2FK	12	R	4	P	4
01	02	03	04	05	06

泵型号 TYPE code

01	定量泵 Fixed Displacement Pump	A2FK
----	-----------------------------	------

规格 (NG) Size (NG)

02	理论排量 $\approx$ Displacement $V_{g\max}$ in cm^3	2.5	5	10	12	23	28	55	107
----	--	-----	---	----	----	----	----	----	-----

旋转方向 Directions of rotation

03	从传动轴看 Viewed from drive shaft	顺时针 clockwise (standard)	R
		逆时针 counter-clockwise (option)	L

结构模式 Series

04	结构 Series	2.5	5	10	12	4
				23	28	3
				55	107	1

传动轴 Drive shafts

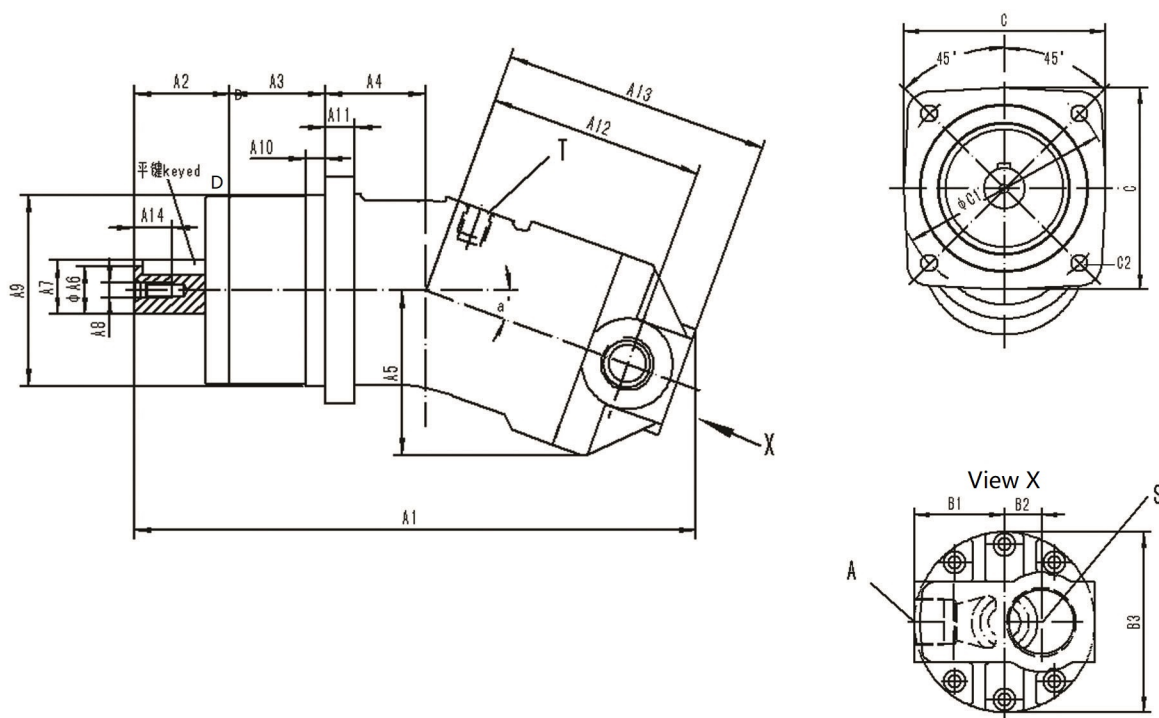
05	符合 GB1096-79 的平键轴 parallel keyed shaft according to GB1096-79	P
----	---	---

后盖结构 Port Plate

06	结构 Series	2.5	5	10	12	23	28	4
						55	107	3

A2FK系列外形图

A2FK pumps installation drawing



Installation drawing

size	A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12	A13	A14
2.5	153	22	16	36	51	12	14	M4	60	5	8	65	81	10
5	225	29.5	51.5	46.5	68.6	20	22.5	M6	80	5.3	10	74	94	16
10	235	40	40	42	69	20	22.5	M6	80	8	12.5	90	112	16
12	232	40	40	42	75	20	22.5	M6	80	8	12.5	90	112	16
23	296	40	60	50	88	25	27.9	M8	100	8	16	118	145	19
28	293	40	60	50	95	25	27.9	M8	100	8	16	118	145	19
55	380	63	60	77	118	30	33	M12	125	10	20	150	183	28
107	468	68	92	90	149	40	43.1	M12	160	12	25	190	230	28
size	B1	B2	B3	C	C1	C2	D	S suction port			A outlet port		T drain port	
2.5	29	29	56	70	75	6.3	无	M22x1.5			M18x1.5		M10x1	
5	42.5	13	85	95	100	8.4	13	M22x1.5			M18x1.5		M8x1	
10	42.5	16	85	95	100	8.4	14	M33x2			M22x1.5		M12x1.5	
12	42.5	16	85	95	100	8.4	14	M33x2			M22x1.5		M12x1.5	
23	53	12.7	106	118	125	11	14	M42x2			M27x2		M16x1.5	
28	53	12.7	106	118	125	11	14	M42x2			M27x2		M16x1.5	
55	65	30	130	150	160	16	无	Flange 4-M10(48x48)			Flange 4-M10(50.8x23.8)		M18x1.5	
107	80	35.5	165	190	200	20	15	Flange 4-M10(60x60)			Flange 4-M10(57.1x27.8)		M18x1.5	



Company Name : Beijing Gelan M&E Technology Co.,Ltd

Address : NO.7 Ya An Street ,Shilong industrial District,Mentougou,Beijing,.P.R.China

Phone : 010-60804831

Fax : 010-60804830

E-mail : gelanrex@sina.com

Zip code : 102308

Website : www.gelanlishi.com