

XSM 系列摆缸马达

XSM SERIES
RADIAL PISTON MOTOR



概述

XSM系列马达是本公司集合多年生产实践经验，在意大利技术基础上进行了设计改进，使XSM系列马达壳体强度增加，内部动态元件承载能力和抗污染能力增强。这一特点使该系列马达具有很高的连续功率范围。由于机械效率和容积效率高，同时又减少了内部单位负载力，因此减少了热量产生以及与此相关的负面效应。其主要特点如下：

- 1. 由于活塞与摆缸不存在侧向力，活塞底部设计成静压平衡，活塞与曲轴之间通过滚动轴承传递扭力，这些均减少了传力过程中的摩擦损失。因而XSM系列液压马达具有很高的机械效率、高的起动扭矩(起动时机械效率0.92以上)的特点。
- 2. 平面配流器简单可靠，密封性能好，泄漏很少。活塞与摆缸之间用塑料活塞环密封无泄漏，因而具有很高的容积效率(可达0.99)。
- 3. 摆缸耳轴与后盖和壳体的轴孔之间采用具有减摩和自润滑性能的复合材料轴套(专利技术)。从结构上减少了摩擦损失，提高了密封性能和抗污能力。因而提高了低速稳定性机械效率和工作可靠性

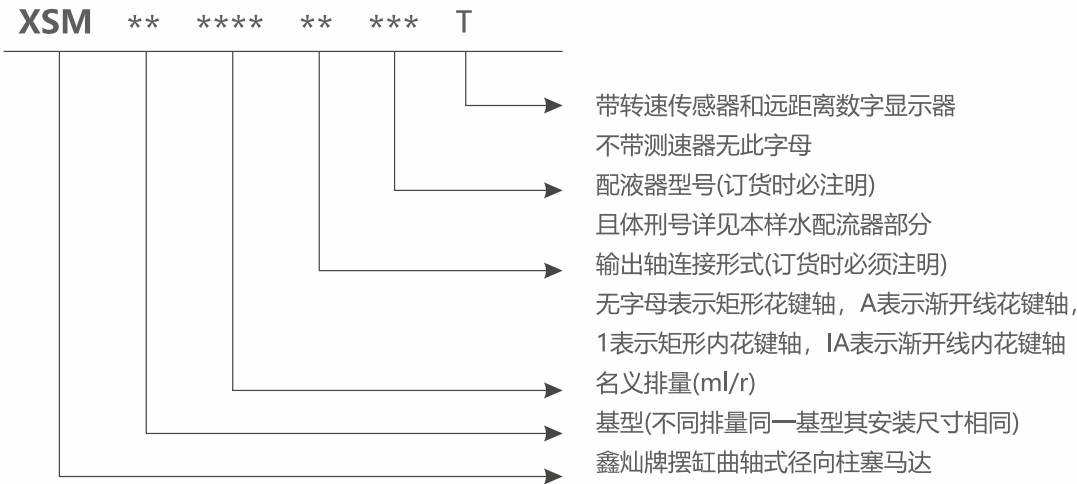
4. 由于活塞与轴承套通过卡环使其贴牢不存在间隙，因而该系列液压马达可以作泵工况下运转，当进油口封闭后马达可在自由轮工况下运转(作泵工况时需补油压力，这可提高工作可靠性)。

5. 该系列液压马达压力高，最高压力可达35MPa。重量轻、体积小，比功率高。

6. 由于结构简单，设计合理，采用负荷能力大的轴承，因而工作可靠、寿命长、噪音低，传动轴允许承受径向负荷，旋转方向可逆。

由于XSM系列液压马达具有上述一系列特点，故广泛应用于塑料机械、轻工机械、冶金机械、矿山机械、起重运输设备、重型机械、石油煤矿机械、船舶甲板机械、机床、地质钻探设备等各种机械的液压传动系统中。特别适用于提升绞盘、卷筒驱动、各种回转机械驱动、履带和轮子行走机构的驱动等传动机械中。

型号说明



型号举例

XSM5-400BD3 1表示基型为5系列XSM液压马达，其名义排量为400ml/r；输出轴为平键轴，配流器型号为D31；不带测速装置。订货时请按此填写完整的型号，若有特殊要求请在订货合同中详细说明。

Brief introduction

XSM series motors are a result of the many years' of experience based on Italy technology, and incorporate a number of design variations with respect to the technology intended to increase the strength of the motor casings and the load capacity of the internal dynamic components. The result is the series of motors with high continuous power ratings, both because of the reduced internal specific loads, and because of the high mechanical and volumetric efficiency that contribute in reducing the amount of heat produced and therefore also the negative effects associated with it. The main characteristics are as follows:

(1)The side loading between the piston and swiveling cylinder has been eliminated; the hydrostatic balance is built between the piston feet; the pistons transmit load to the shaft via a rolling bearing. All above reduces the friction loss in the load transmission. Therefore XSM series hydraulic motor features high mechanical efficiency and high starting torque(above 0.92).

(2)Rotary axial distributor(patent technology)ensures simply and reliable performance, good sealing capability, low leakage. The plastic piston ring between pistons and cylinder reduces the leakage, so the volumetric efficiency of motor is very high(more than 0.99).

(3)Due to the reduced friction loss in structure and improved sealing capability, so the motor can operate at low speeds with a high

degree of speed stability, even if at 1r/min of speed. Hereby the speed control range is wide(the speed control ratio is up to 1000).

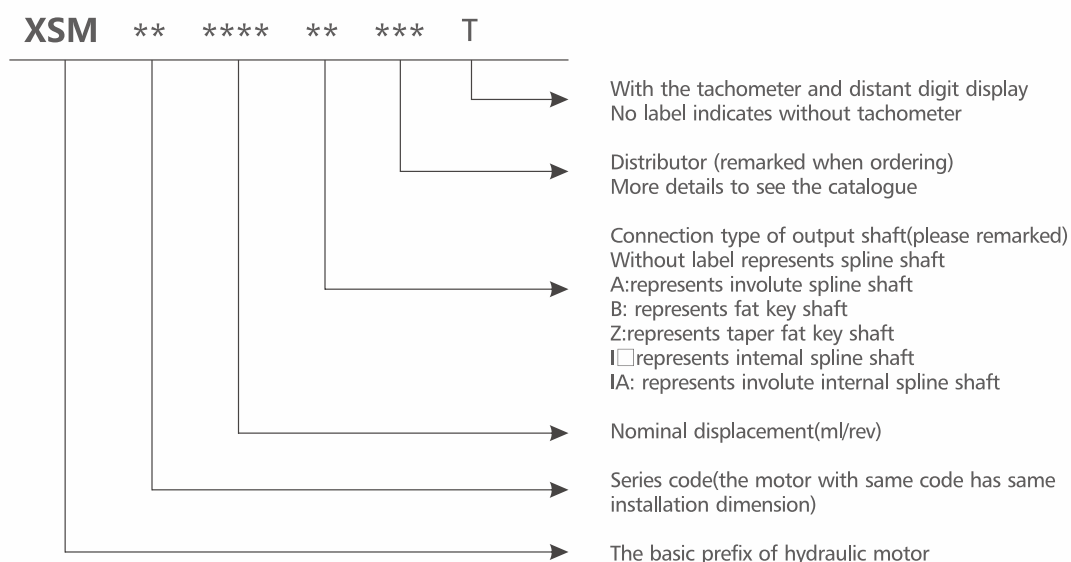
(4)The pistons and bearing sleeve is matched well via supporting ring to eliminate the clearance. So the series motors can run in pump condition. When the inlet port and outlet port is closed, the motors could run in free wheeling condition.

(5)The working pressure of the series motor is very high, and the maximum pressure is up to 35MPa. The motor also features light weight, small size and high specific power.

(6)Because of simple structure, reasonable design, and using large load capacity bearing, the series motors has many excellent features as follow good reliability, long lifetime and low noise. transmission shaft endure radial load. Circumrotate way could be reverse.

Due to above these advantages, it has been widely applied in all kinds of hydraulic transmission system such as plastic injection machine, ship and deck machinery, construction machinery and equipment, hoist and transport vehicle, heavy metallurgical machinery, petroleum and mine machine, light industry equipment, lath, light industry equipment and drilling machine etc. In particular, it can be well available in driving screw rod of injection machine, hoisting winches and capstan, and driving various slew drives.

Model options



Options example

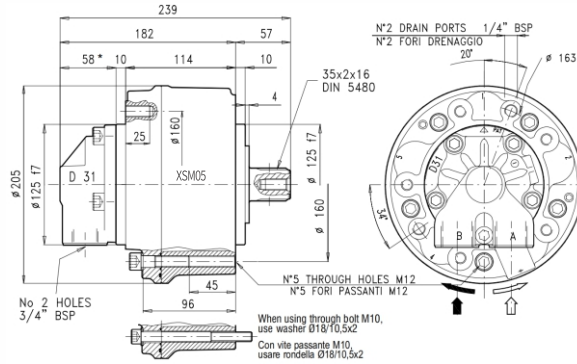
XSM5-400BD31 represents that the motor is the 5 series unit of XSM hydraulic motor .The nominal displacements 400ml/rev,the output shaft is flatkey shaft,and distributor model is D31 without tachometer.Please fill in the complete code options when ordering.If there are any specific requests, please noted in detail in delivery contract or contact our company.

XSM技能参数 / XSM Product Parameters

型号 Model	理论排量 Theoric Displacement (ml/r)	额定压力 Rated Pressure (Mpa)	尖峰压力 Peak pressure (Mpa)	额定扭矩 Rated Torque (N.m)	单位扭矩 Specific Torque (N.m/Mpa)	连续转速 Cont Speed (r/min)	最高转速 Maxi. Speed (r/min)	重量 Weight (KG)
XSM05-60	59	25	45	235	9.4	1-700	1000	22
XSM05-75	74		42.5	295	11.8	1-700	1000	
XSM05-90	86		37.5	343	13.7	1-700	1000	
XSM05-110	115		40	458	18.3	1-650	900	
XSM05-130	129		37.5	513	20.5	1-650	900	
XSM05-150	151		32.5	600	24	1-650	900	
XSM05-170	166		32.5	660	26.4	1-600	800	
XSM05-200	191	25	28	760	30.4	1-600	800	31
XSM1-100	99		42.5	385	14.5	1-550	1000	
XSM1-150	154		40	600	24	1-550	1000	
XSM1-175	172		37.5	670	26.8	1-550	900	
XSM1-200	201		35	785	31.4	1-550	800	
XSM1-250	243		35	950	38	1-450	700	
XSM1-300	290		30	1130	45.2	1-350	650	
XSM1-320	314	25	28	1225	49	1-350	600	51
XSM1-350	340		28	1327	53	1-300	600	
XSM2-200	192		42.5	750	30	0.7-550	800	
XSM2-250	251		42.5	980	39.2	0.7-550	800	
XSM2-300	304		40	1188	47.5	0.7-500	750	
XSM2-350	347		37.5	1355	54.2	0.7-500	750	
XSM2-420	425		35	1658	66.3	0.7-450	750	
XSM2-500	493	25	35	1923	76.9	0.7-450	700	87
XSM2-600	565		30	2208	88.3	0.7-450	700	
XSM2-630	623		28	2433	97.3	0.7-400	650	
XSM3-425	426		42.5	1660	66.4	0.5-500	650	
XSM3-500	486		42.5	1895	75.8	0.5-450	600	
XSM3-600	595		40	2320	92.8	0.5-450	575	
XSM3-700	690		35	2700	108	0.5-400	500	
XSM3-800	792	25	35	3100	124	0.5-400	500	120
XSM3-900	873		35	3400	136	0.5-350	400	
XSM3-1000	987		28	3850	154	0.5-300	350	
XSM4-600	616		40	2403	96.1	0.4-400	550	
XSM4-800	793		40	3100	124	0.4-350	550	
XSM4-900	904		37.5	3525	141	0.4-325	450	
XSM4-1000	1022		35	4000	160	0.4-300	400	
XSM4-1100	1116	25	35	4350	174	0.4-275	400	175
XSM4-1300	1316		28	5125	205	0.4-225	350	
XSM5-800	807		42.5	3150	126	0.3-325	450	
XSM5-1000	1039		42.5	4050	162	0.3-300	450	
XSM5-1200	1185		40	4625	185	0.3-300	400	
XSM5-1300	1340		40	5225	209	0.3-300	400	
XSM5-1450	1462		37.5	5700	228	0.3-275	350	
XSM5-1600	1634	25	37.5	6350	254	0.3-250	300	275
XSM5-1800	1816		35	7075	283	0.3-250	300	
XSM5-2000	2007		35	7825	313	0.3-200	250	
XSM6-1700	1069		45	6600	264	0.2-250	400	
XSM6-2100	2127		40	8300	332	0.2-225	350	
XSM6-2500	2513		35	9800	392	0.2-200	300	
XSM6-3000	3041		30	11857	475	0.2-175	250	
XSM7-1200	1214	25	30	4125	165	0.2-325	380	310
XSM7-2000	2007		35	7975	319	0.2-350	450	
XSM7-2500	2526		35	10050	402	0.2-300	350	
XSM7-3000	2985		35	11877	475	0.2-250	300	
XSM7-3300	3290		35	13075	523	0.2-220	275	
XSM7-3600	3611		32	14350	574	0.2-200	250	
XSM7-4300	4298		30	17100	684	0.2-175	225	

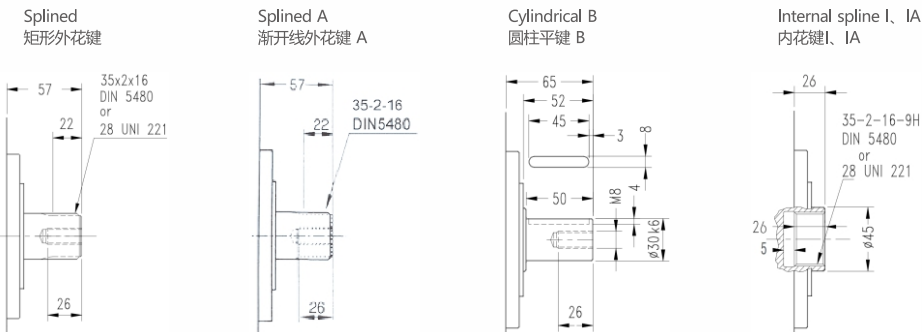
XSM05系列/ XSM05 Series

外形尺寸 Dimensions

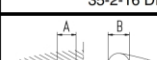


* Distributor length:
D31 = 58 mm; D40 (standard) = 77 mm
* 配油器长度/Lunghezza distributori:
D31 = 58 mm; D40 (standard) = 77 mm

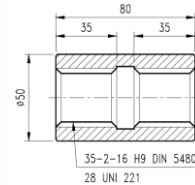
轴伸形式 Shafts



花键参数 Spline Data

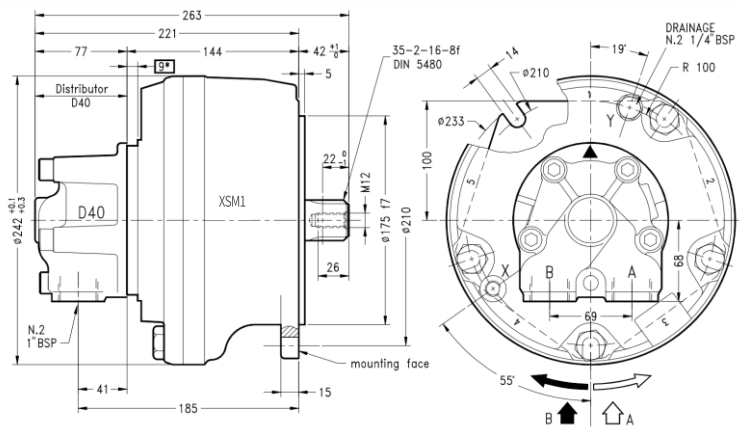
35-2-16 DIN 5480		28 UNI 221 (6-28-34 DIN 5463)																															
	<table><tr><td>d0</td><td>Ø32.0</td></tr><tr><td>d1</td><td>Ø35.0 $\begin{smallmatrix} +0.020 \\ +0 \end{smallmatrix}$ H14</td></tr><tr><td>d2</td><td>Ø31.0 $\begin{smallmatrix} +0.160 \\ +0 \end{smallmatrix}$ H11</td></tr><tr><td>A</td><td>Ø3.5</td></tr><tr><td>da</td><td>Ø27.711 H11</td></tr><tr><td>d3</td><td>Ø34.6 $\begin{smallmatrix} -0 \\ -0.160 \end{smallmatrix}$ h11</td></tr><tr><td>d4</td><td>Ø30.6 $\begin{smallmatrix} -0 \\ -0.020 \end{smallmatrix}$ h14</td></tr><tr><td>B</td><td>Ø4.0</td></tr><tr><td>db</td><td>Ø39.000 f8</td></tr></table>	d0	Ø32.0	d1	Ø35.0 $\begin{smallmatrix} +0.020 \\ +0 \end{smallmatrix}$ H14	d2	Ø31.0 $\begin{smallmatrix} +0.160 \\ +0 \end{smallmatrix}$ H11	A	Ø3.5	da	Ø27.711 H11	d3	Ø34.6 $\begin{smallmatrix} -0 \\ -0.160 \end{smallmatrix}$ h11	d4	Ø30.6 $\begin{smallmatrix} -0 \\ -0.020 \end{smallmatrix}$ h14	B	Ø4.0	db	Ø39.000 f8		<table><tr><td>d1</td><td>Ø28.0 $\begin{smallmatrix} +0.021 \\ +0 \end{smallmatrix}$ H7</td></tr><tr><td>d2</td><td>Ø34.1 $\begin{smallmatrix} +0.160 \\ +0 \end{smallmatrix}$ H11</td></tr><tr><td>A</td><td>7.0 $\begin{smallmatrix} +0.028 \\ +0.013 \end{smallmatrix}$ F7</td></tr><tr><td>d3</td><td>Ø28.0 $\begin{smallmatrix} -0.007 \\ -0.020 \end{smallmatrix}$ g6</td></tr><tr><td>d4</td><td>Ø34.0 $\begin{smallmatrix} -0.060 \\ -0.160 \end{smallmatrix}$ h14</td></tr><tr><td>B</td><td>7.0 $\begin{smallmatrix} -0.013 \\ -0.008 \end{smallmatrix}$ f7</td></tr></table>	d1	Ø28.0 $\begin{smallmatrix} +0.021 \\ +0 \end{smallmatrix}$ H7	d2	Ø34.1 $\begin{smallmatrix} +0.160 \\ +0 \end{smallmatrix}$ H11	A	7.0 $\begin{smallmatrix} +0.028 \\ +0.013 \end{smallmatrix}$ F7	d3	Ø28.0 $\begin{smallmatrix} -0.007 \\ -0.020 \end{smallmatrix}$ g6	d4	Ø34.0 $\begin{smallmatrix} -0.060 \\ -0.160 \end{smallmatrix}$ h14	B	7.0 $\begin{smallmatrix} -0.013 \\ -0.008 \end{smallmatrix}$ f7
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ADAPTORS
联轴器



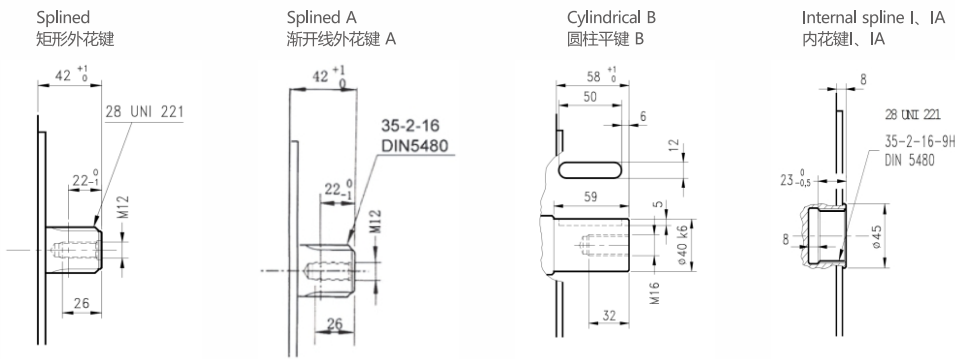
XSM1系列 / XSM1 Series

外形尺寸 Dimensions



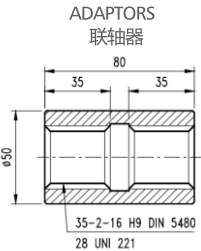
法兰和轴承尺寸与XSM1、M1和P1马达系列相同
Flange and shaft dimensions are the same as for M1 and P1 series motors.

轴伸形式 Shafts



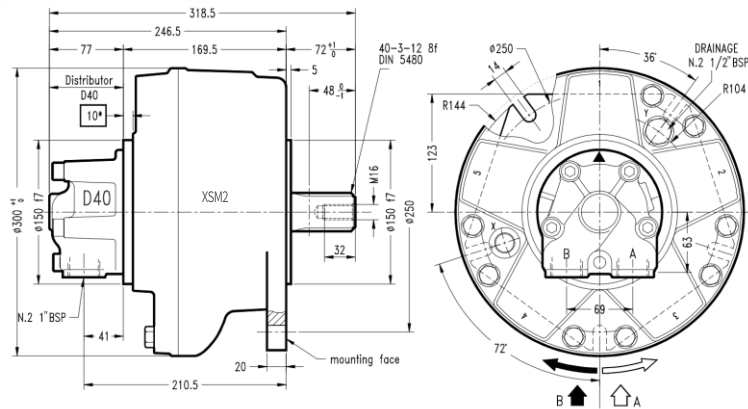
花键参数 Spline Data

35-2-16 DIN 5480				28 UNI 221 (6-28-34 DIN 5463)			
d0	$\phi 32.0$			d1	$\phi 28.0 \begin{smallmatrix} +0.021 \\ +0 \end{smallmatrix}$	H7	
d1	$\phi 35.0 \begin{smallmatrix} +0.020 \\ +0 \end{smallmatrix}$	H14		d2	$\phi 31.0 \begin{smallmatrix} +0.020 \\ +0 \end{smallmatrix}$	H11	
d2	$\phi 31.0 \begin{smallmatrix} +0.020 \\ +0 \end{smallmatrix}$	H11		A	$7.0 \begin{smallmatrix} +0.025 \\ +0.015 \end{smallmatrix}$	F7	
A	$\phi 3.5$			d3	$\phi 28.0 \begin{smallmatrix} +0.020 \\ +0.000 \end{smallmatrix}$	g6	
da	$\phi 27.711$	H11		d4	$\phi 34.0 \begin{smallmatrix} +0.020 \\ +0.000 \end{smallmatrix}$	h14	
d3	$\phi 34.6 \begin{smallmatrix} +0.020 \\ +0.000 \end{smallmatrix}$	h11		B	$\phi 4.0$		
d4	$\phi 30.6 \begin{smallmatrix} +0.020 \\ +0.000 \end{smallmatrix}$	h14		db	$\phi 39.000$	f8	
B	$\phi 4.0$						
db	$\phi 39.000$	f8					



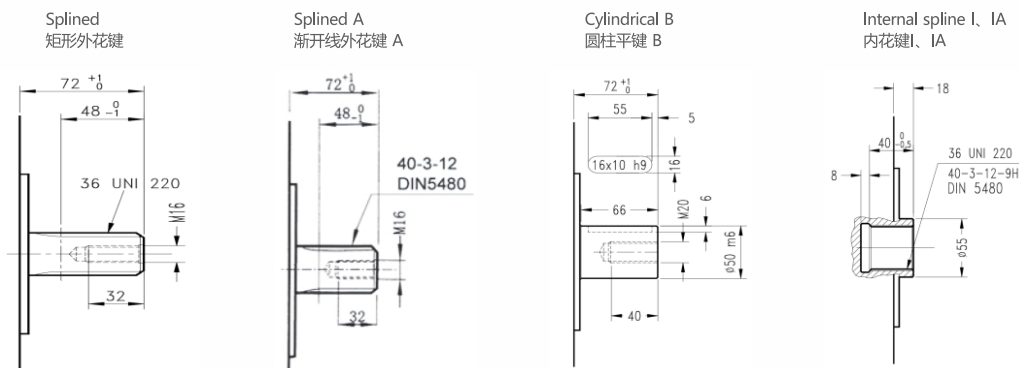
XSM2系列 / XSM2 Series

外形尺寸 Dimensions



法兰和轴承尺寸与XSM2、M3和P3马达系列相同
Flange and shaft dimensions are the same as for M3 and P3 series motors.

轴伸形式 Shafts

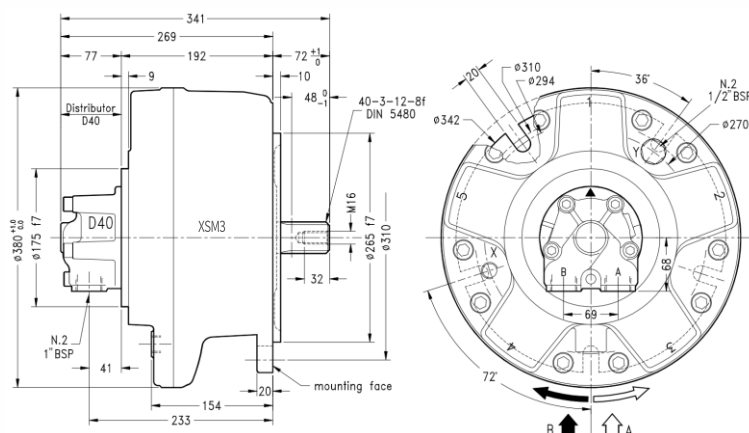


花键参数 Spline Data

40-3-12 DIN 5480		36 UNI 220 (DIN 5462)	
	d0 $\varnothing 36.0$ d1 $\varnothing 40.0^{+0.020}_{-0} \text{ H14}$ d2 $\varnothing 34.0^{+0.020}_{-0} \text{ H14}$ A $\varnothing 25.25$ da $\varnothing 28.964 \text{ H11}$ d3 $\varnothing 39.4^{+0.100}_{-0} \text{ h11}$ d4 $\varnothing 33.4^{+0}_{-0.020} \text{ h14}$ B $\varnothing 6.0$ db $\varnothing 45.989 \text{ f8}$		d1 $\varnothing 36.0^{+0.020}_{-0} \text{ H7}$ d2 $\varnothing 40.0^{+0.100}_{-0} \text{ H11}$ A $7.0^{+0.020}_{-0.015} \text{ F7}$ d3 $\varnothing 36.0^{+0.030}_{-0.025} \text{ g6}$ d4 $\varnothing 40.0^{+0.060}_{-0.050} \text{ d11}$ B $7.0^{+0.013}_{-0.008} \text{ f7}$

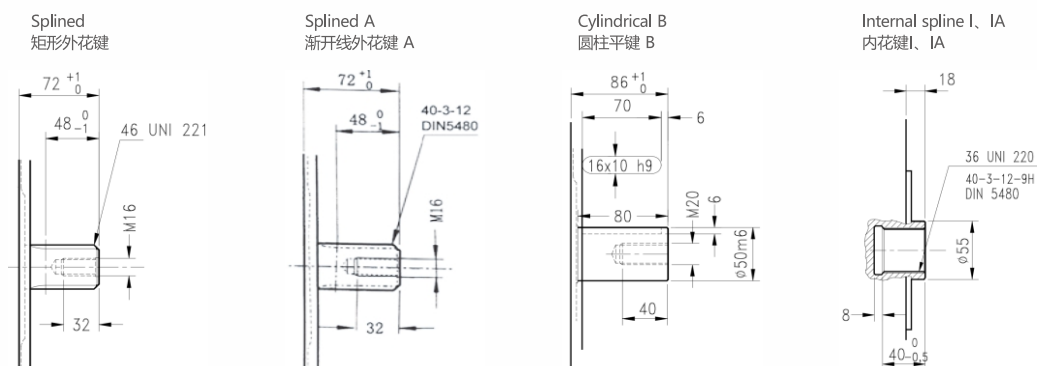
XSM3系列 / XSM3 Series

外形尺寸 Dimensions

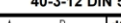
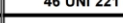


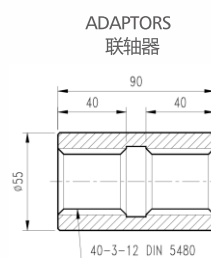
外形尺寸完全适用GM3
Available also GM3 completely interch

轴伸形式 Shafts



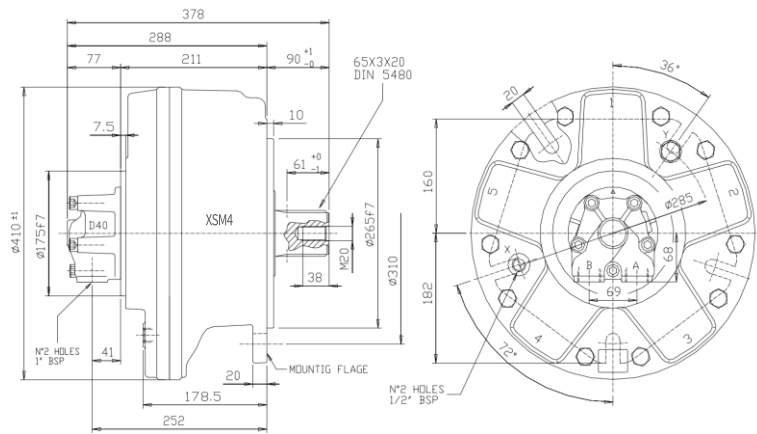
花键参数 Spline Data

40-3-12 DIN 5480		46 UNI 221 (8-46-54 DIN 5463)	
	d0 Ø36.0 d1 240.0 ^{+0.620}₋₀ H14 d2 Ø34.0 ^{+0.160}₋₀ H11 A Ø5.25 da Ø28.964 H11 d3 Ø39.4 ^{+0.160}₋₀ h11 d4 Ø33.4 ⁻⁰_{-0.620} h14 B Ø6.0 db Ø45.989 f8		d1 Ø46.0 ^{+0.030}₋₀ H7 d2 Ø54.0 ^{+0.190}₋₀ H11 A 9.0 ^{+0.030}_{-0.015} F7 d3 Ø46.0 ^{+0.009}_{-0.025} g6 d4 Ø54.0 ⁻⁰_{-0.100} d11 B 9.0 ^{+0.013}_{-0.028} f7



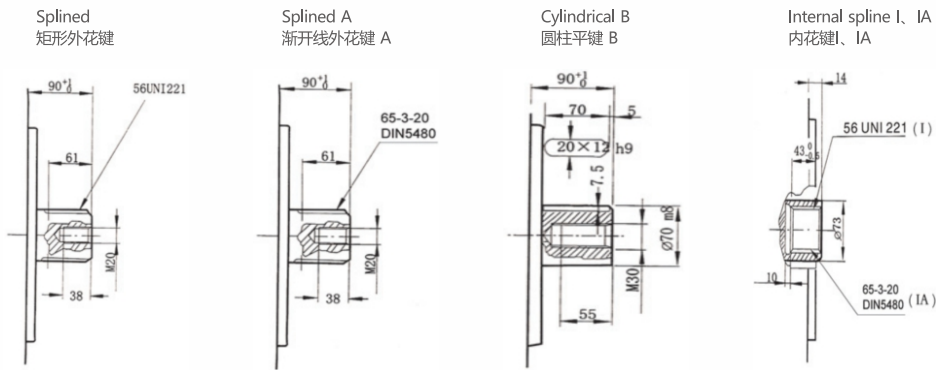
XSM4系列 / XSM4 Series

外形尺寸 Dimensions

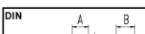


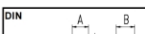
法兰和轴承M5马达系列相同
Flange and shaft dimensions are as in M5 series motors.

轴伸形式 Shafts

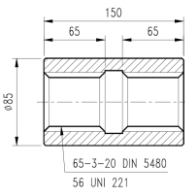


花键参数 Spline Data

DIN		65-3-20 DIN 5480	55-2-26 DIN 5482	55-3-17 DIN 5480	56 UNI 221
d0	Ø60.0	Ø52.0	Ø51.0	d1	Ø56.0 $+0.030$ H7
d1	Ø65.0 $+0.040$ H14	Ø55.0 $+0.000$ H12	Ø55.0 $+0.040$ H14	d2	Ø65.0 $+0.190$ H11
d2	Ø59.0 $+0.190$ H11	Ø50.0 $+0.160$ H11	Ø49.0 $+0.160$ H11	A	10.0 $+0.015$ F7
A	Ø5.25	Ø3.5	Ø5.25	d3	Ø56.0 -0.010 g6
da	Ø54.101 H11	Ø46.902 H10	Ø43.807 H11	d4	Ø65.0 -0.100 dH1
d3	Ø64.4 -0.190 h11	Ø54.5 -0.190 h11	Ø54.4 -0.190 h11	B	10.0 -0.028 f7
d4	Ø58.4 -0.740 h14	Ø49.0 -0.300 h12	Ø48.4 -0.620 h14		
B	Ø6.0	Ø3.5	Ø6.0		
db	Ø70.999 B	Ø56.953 B	Ø60.873 B		

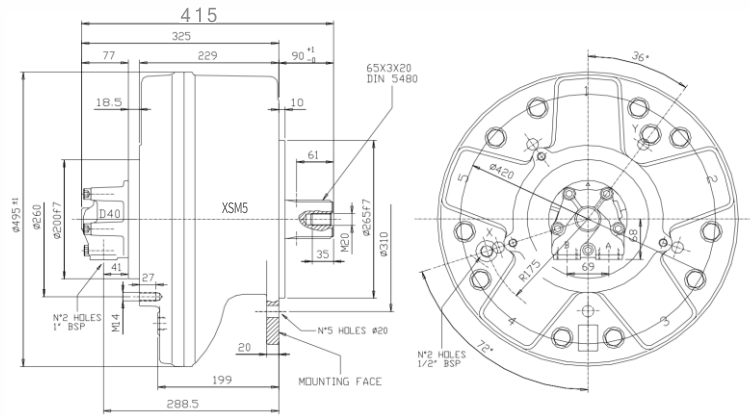
UNI		65-3-20 DIN 5480	55-2-26 DIN 5482	55-3-17 DIN 5480	56 UNI 221
d0	Ø60.0	Ø52.0	Ø51.0	d1	Ø56.0 $+0.030$ H7
d1	Ø65.0 $+0.040$ H14	Ø55.0 $+0.000$ H12	Ø55.0 $+0.040$ H14	d2	Ø65.0 $+0.190$ H11
d2	Ø59.0 $+0.190$ H11	Ø50.0 $+0.160$ H11	Ø49.0 $+0.160$ H11	A	10.0 $+0.015$ F7
A	Ø5.25	Ø3.5	Ø5.25	d3	Ø56.0 -0.010 g6
da	Ø54.101 H11	Ø46.902 H10	Ø43.807 H11	d4	Ø65.0 -0.100 dH1
d3	Ø64.4 -0.190 h11	Ø54.5 -0.190 h11	Ø54.4 -0.190 h11	B	10.0 -0.028 f7
d4	Ø58.4 -0.740 h14	Ø49.0 -0.300 h12	Ø48.4 -0.620 h14		
B	Ø6.0	Ø3.5	Ø6.0		
db	Ø70.999 B	Ø56.953 B	Ø60.873 B		

ADAPTORS
联轴器



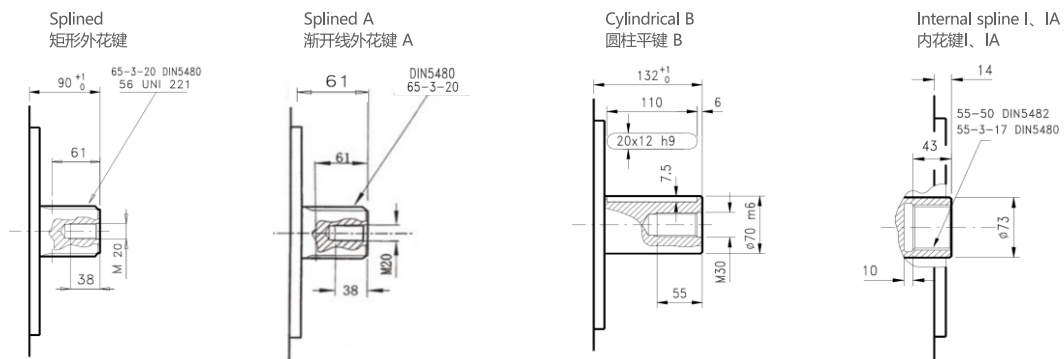
XSM5系列 / XSM5 Series

外形尺寸 Dimensions



法兰和轴承GM5、M5马达系列相同
Flange and shaft dimensions are as in GM5、M5 series motors.

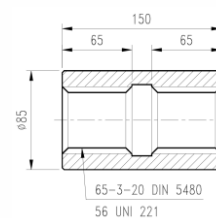
轴伸形式 Shafts



花键参数 Spline Data

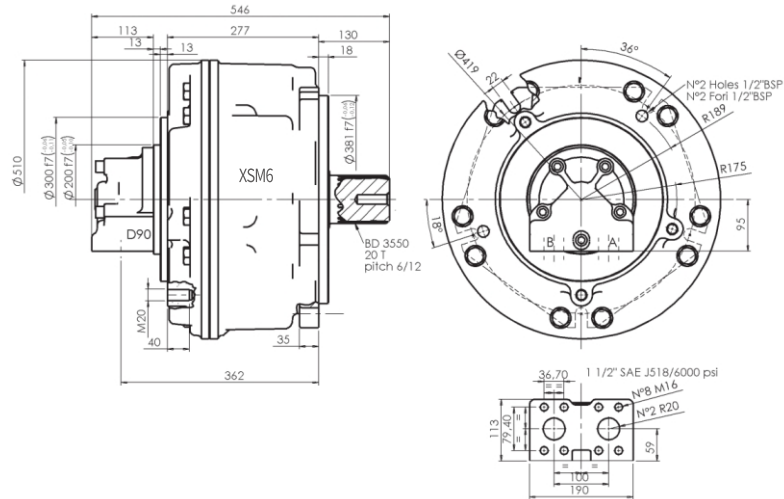
DIN	65-3-20 DIN 5480	55-2-26 DIN 5482	55-3-17 DIN 5480	56 UNI 221
d0	360.0	352.0	351.0	d1 356.0 $+0.030$ H7
d1	365.0 $+0.740$ H14	355.0 $+0.030$ H12	355.0 $+0.740$ H14	d2 365.0 $+0.190$ H11
d2	359.0 $+0.190$ H11	350.0 $+0.190$ H11	349.0 $+0.160$ H11	A 10.0 $+0.028$ F7
A	35.25	33.5	35.25	d3 356.0 -0.010 g6
da	354.101 H11	346.902 H10	343.807 H11	d4 355.0 -0.190 d11
d3	364.4 -0.190 h11	354.5 -0.190 h11	354.4 -0.190 h11	B 10.0 -0.013 f7
d4	358.4 -0.740 h14	349.0 -0.300 h12	348.4 -0.620 h14	
B	36.0	33.5	36.0	
db	370.999 f8	356.953 e9	360.873 f8	

ADAPTORS
联轴器

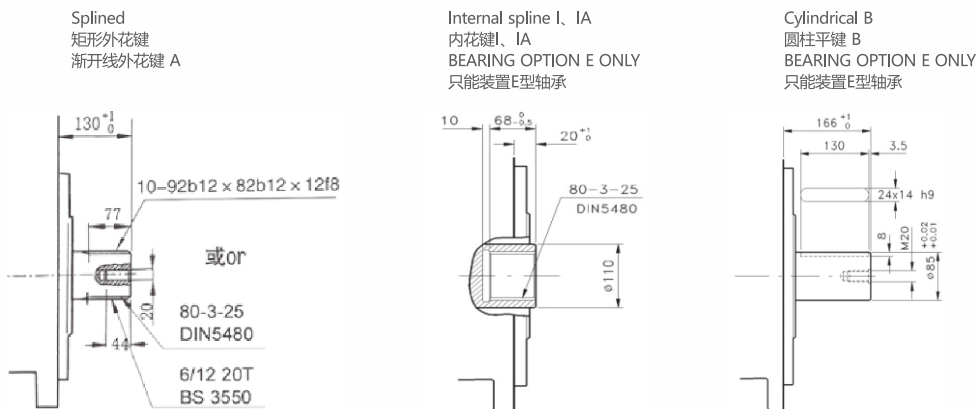


XSM6系列 / XSM6 Series

外形尺寸 Dimensions

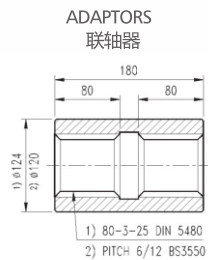


轴伸形式 Shafts



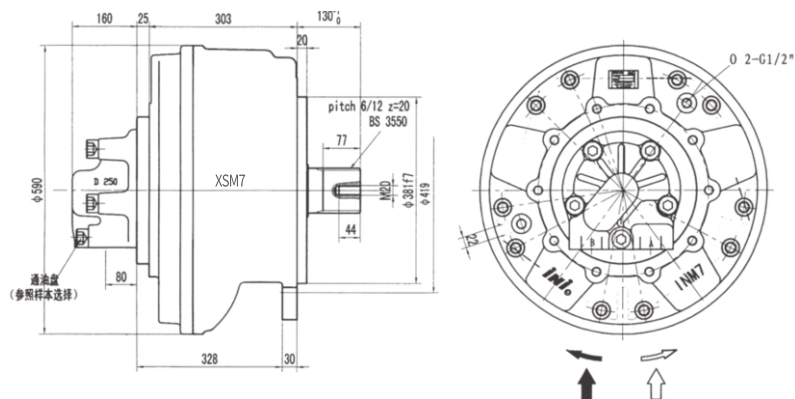
花键参数 Spline Data

DIN	80-3-25 DIN 5480	65-3-20 DIN 5480	pitch 6/12 BS3550
d0	Ø75.0	Ø60.0	A Ø68.0
d1	Ø80.0 H14	Ø65.0 H14	B Ø64.6
d2	Ø74.0 H11	Ø59.0 H11	C Ø60.0
A	Ø5.25	Ø5.25	D Ø97.0
da	Ø68.9 H9	Ø54.1 H11	E Ø8.12
d3	Ø79.4 h11	Ø64.4 h11	
d4	Ø73.4 h14	Ø58.4 h14	
B	Ø6.0	Ø6.0	
db	Ø66.9 18	Ø70.9 18	



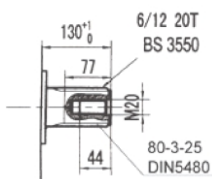
XSM7系列 / XSM7 Series

外形尺寸 Dimensions

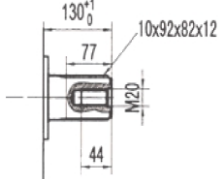


轴伸形式 Shafts

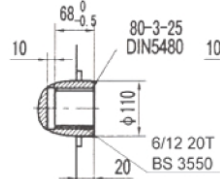
渐开线外花键
Splined BS3550



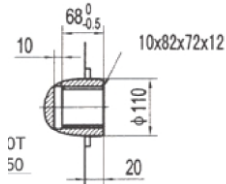
矩形外花键
Rectangle Splined



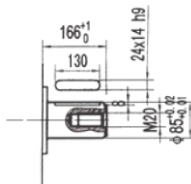
渐开线内花键
Internal spline DIN5480



矩形内花鍵
Rectangle internal Splined



平键
Cylindrical



花键参数 Spline Data

80-3-25 DIN 5480		pitch 6/12 BS 3550	
d0	φ 75.0	A	φ 88.0 $\begin{smallmatrix} -0.047 \\ -0.17 \end{smallmatrix}$
d1	φ 80.0 H14	B	φ 84.6
d2	φ 74.0 H11	C	φ 80.0 $\begin{smallmatrix} -0.480 \\ -0.070 \end{smallmatrix}$
A	φ 5.25	D	φ 97.0 $\begin{smallmatrix} +0.082 \\ -0.050 \end{smallmatrix}$
d _a	φ 68.9 H9	E	φ 8.12
d3	φ 79.4 h11		
d4	φ 73.4 h14		
B	φ 6.0		
d _b	φ 85.9 f8		

XSM系列适用配件数据

D31

适用XSM1、2、3系列，
XWM01、02、05、1、2、3系列

压力
连续25MPa
最大40MPa

流量
连续150L/min
最大300L/min

D31

Applicable Series

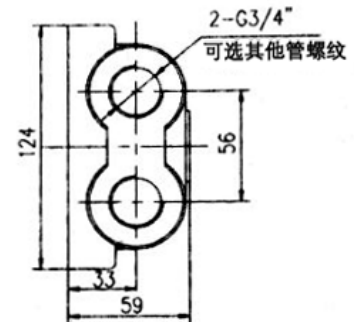
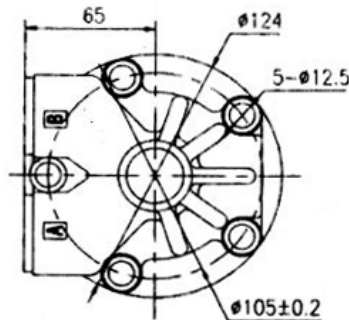
XSM1, 2, 3 Series
XWM01, 02, 05, 1, 2, 3 Series

Pressure

Continuous : 25MPa
Maximum : 40MPa

Flow Rate

Continuous : 150L/min
Maximum : 300L/min



D40

适用XSM6、11系列，
XWM1、2、3、4系列

压力
连续25MPa
最大40MPa

流量
连续200L/min
最大400L/min

D40

Applicable Series

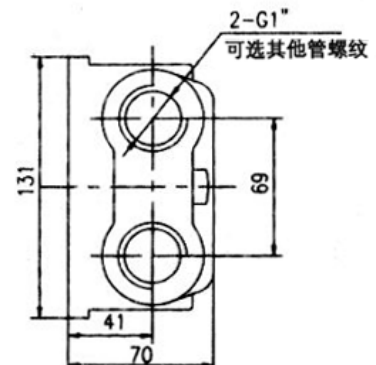
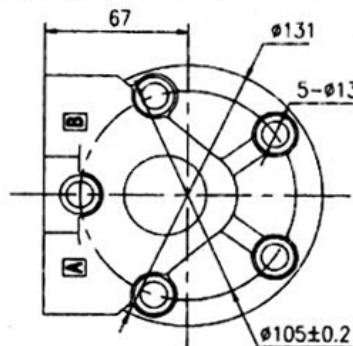
XSM6, 11 Series
XWM1, 2, 3, 4 Series

Pressure

Continuous : 25MPa
Maximum : 40MPa

Flow Rate

Continuous : 200L/min
Maximum : 400L/min



D47

适用XSM6、11、16系列，
XWM2、3、4、5系列

压力
连续25MPa
最大50MPa

流量
连续200L/min
最大400L/min

D47

Applicable Series

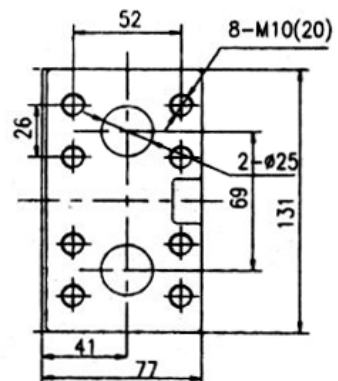
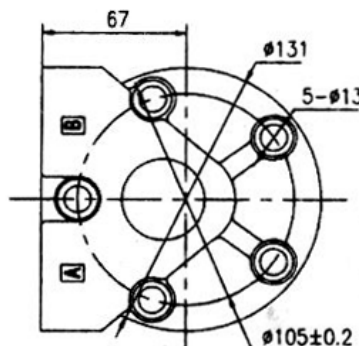
XSM6, 11, 16 Series
XWM2, 3, 4, 5 Series

Pressure

Continuous : 25MPa
Maximum : 50MPa

Flow Rate

Continuous : 200L/min
Maximum : 400L/min



D90

适用XSM16、31系列，
XWM5、6、7、9系列

压力
连续25MPa
最大50MPa

流量
连续600L/min
最大1200L/min

D90

Applicable Series

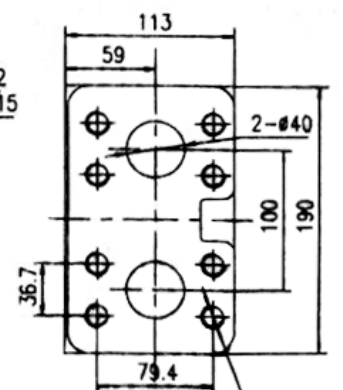
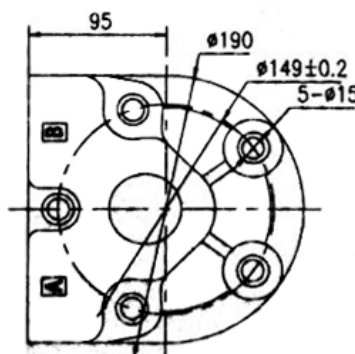
XSM16, 31 Series
XWM5, 6, 7, 9 Series

Pressure

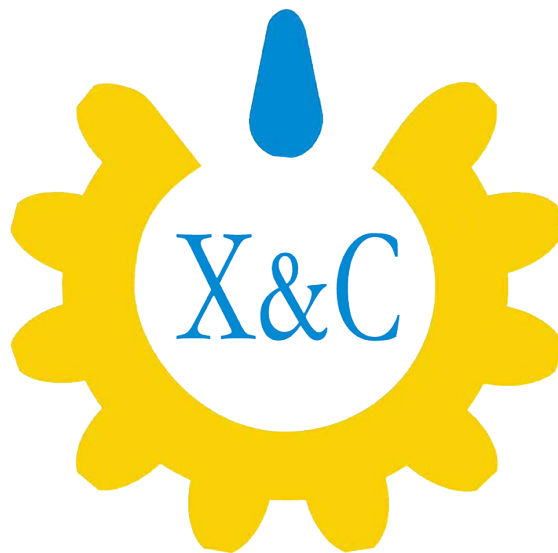
Continuous : 25MPa
Maximum : 50MPa

Flow Rate

Continuous : 600L/min
Maximum : 1200L/min



8-M16(22)



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