

如何订购/ HOW TO ORDER

1	P	DF	规格 Size	旋向 Rotation		轴伸 Shaft	前盖 Front cover	油口 Ports	油口位置 Ports position	油封 Seals	可选项 Options			
组别 Group	P- 齿轮泵 Pump	系列号 Series	1.4	D	顺时针转 Clockwise		T1							
	M- 齿轮马达 Motor	LH –前、后盖材料为铝合金 LH –Front and end cover material aluminum	2.1		S		逆时针转 Counter clockwise					R0		
			2.8	R									可正反转 Reversible	J0
			3.5											
			4.1											
			5.2											
			6.2											
			7.6	DF –前、后盖材料为铸铁,压力比 LH 系列高 30bar。 DF –Front and end cover material cast iron, pressure than DF series high 30 bar.										
			9.3											
			11.0											
			13.8											

可选项 / Options

排油管 / Drain

Q0-内部排油 / internal drain

Q1-外部排油 / external drain G1/4

Q2-外部排油 / external drain 7/16–20 UNF

Q3-外部排油 / external drain 9/16–18 UNF

油口位置	Ports position
省略-侧进侧出	Omit–Side inlet and side outlet
A-前进前出	A–Front inlet and front outlet
B-后进前出	B–Back inlet and front outlet
C-后进侧出	C–Back inlet and side outlet
D-侧进前出	D–Side inlet and front outlet
R-后进后出	R–Back inlet and back outlet

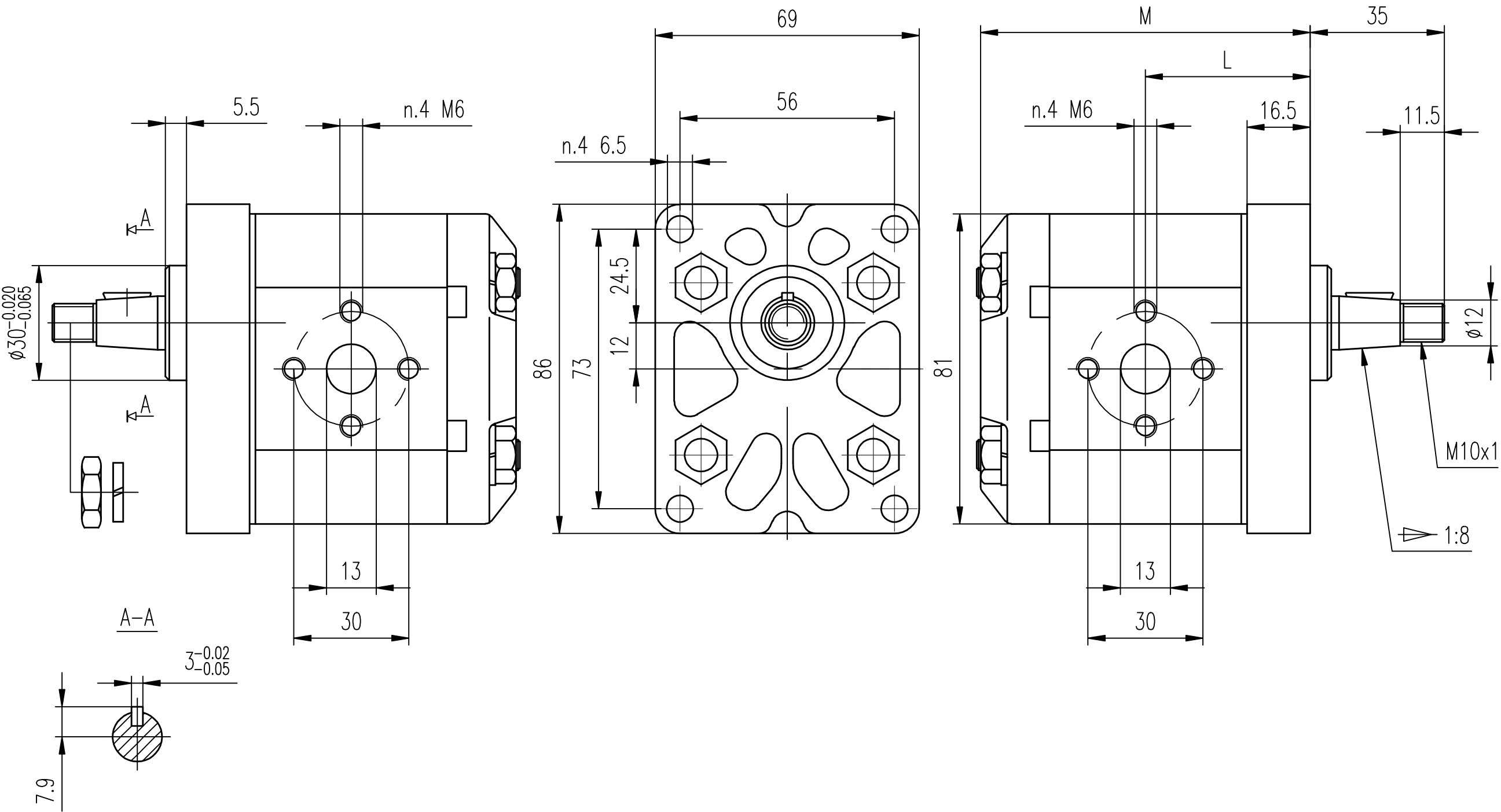
油封	Seals
省略-温度范围在-10℃~+80℃ ,进油口最高绝对压力为3bar。	Omit–Range between -10℃ and +80℃, inlet pressure up to max. 3 bar absolute.
V-适用于高温介质，温度范围在-10℃~+120℃。	V–Version suitable for fluid at hi–temperatures, range between -10℃ and +120℃.
H-适用于低温介质，温度范围在-40℃~+80℃。	H–Version suitable for fluid at low–temperatures, range between -40℃ and +80℃.
T-适用于进油口最大绝对压力3~6bar。	T–Version suitable for inlet pressure up to max. 3 and 6 bar absolute.
N-适用于进油口最大绝对压力3~10bar。	N–Version suitable for inlet pressure up to max. 3 and 10 bar absolute.

M6 螺纹深 13.
安装泵时, n.4 M8 螺钉扭矩设定为
27±3 Nm.
轴伸 M10 螺母扭矩设定为 40 Nm.

M6 thread depth 13.
To mount the pump, n.4 M8 screws,
with a torque wrench setting fixed
at 27±3 Nm.
Shaft M10 nut, with a torque wrench
setting fixed at 40 Nm.

出油口
OUTLET

进油口
INLET



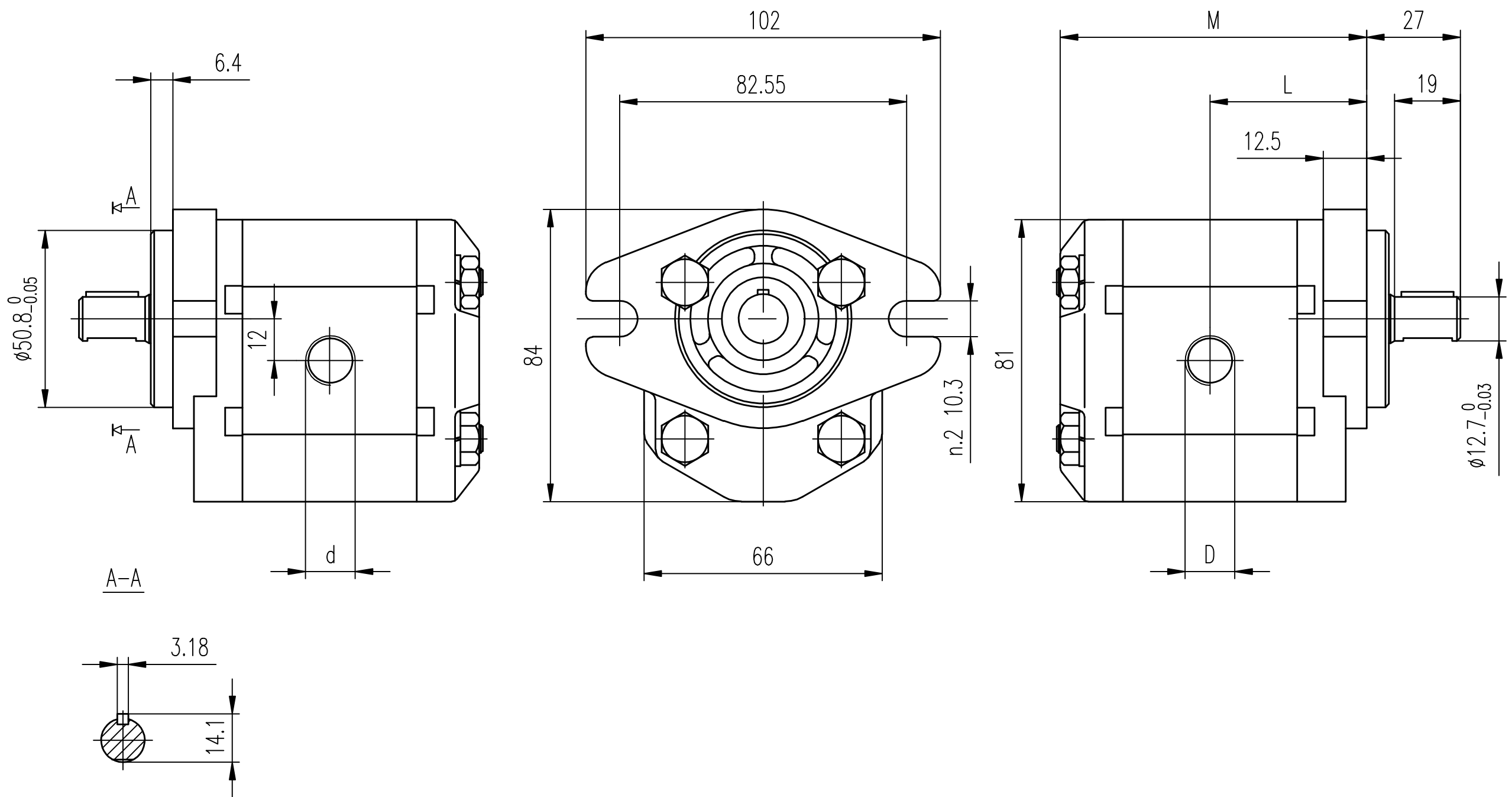
规格 Type	排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	尺寸 Dimensions	
		P1	P2	P3			M	L
	(cm ³ /rev)	bar	bar	bar	(r/min)	(r/min)	mm	mm
1PDF-1.4-D*T1	1.4	250	270	290	6000	800	80.5	40
1PDF-2.1-D*T1	2.1	250	270	290	6000	800	82.5	41
1PDF-2.8-D*T1	2.8	250	270	290	5000	800	84.5	42
1PDF-3.5-D*T1	3.5	250	270	290	5000	800	86.5	43
1PDF-4.1-D*T1	4.1	250	270	290	4000	800	88.5	44
1PDF-5.2-D*T1	5.2	230	245	260	4000	800	91.5	45.5
1PDF-6.2-D*T1	6.2	230	245	260	3800	800	94.5	47
1PDF-7.6-D*T1	7.6	200	215	230	3200	600	98.5	49
1PDF-9.3-D*T1	9.3	180	195	210	2600	600	103.5	51.5
1PDF-11-D*T1	11.0	170	185	200	2200	600	108.5	54
1PDF-13.8-D*T1	13.8	150	165	180	1800	600	116.5	58

”D”和”d”油口有螺纹加工，用O形圈密封，旁侧削平的SAE J1926/1 (ISO J1926-1)。
安装泵时，n.4 M8 螺钉扭矩设定为 27±3 Nm.

”D” and ”d” ports are machined in compliance with threaded port with O-ring seal in truncated housing SAE J1926/1(ISO J1926-1).
To mount the pump, n.4 M8 screws, with a torque wrench setting fixed at 27±3 Nm.

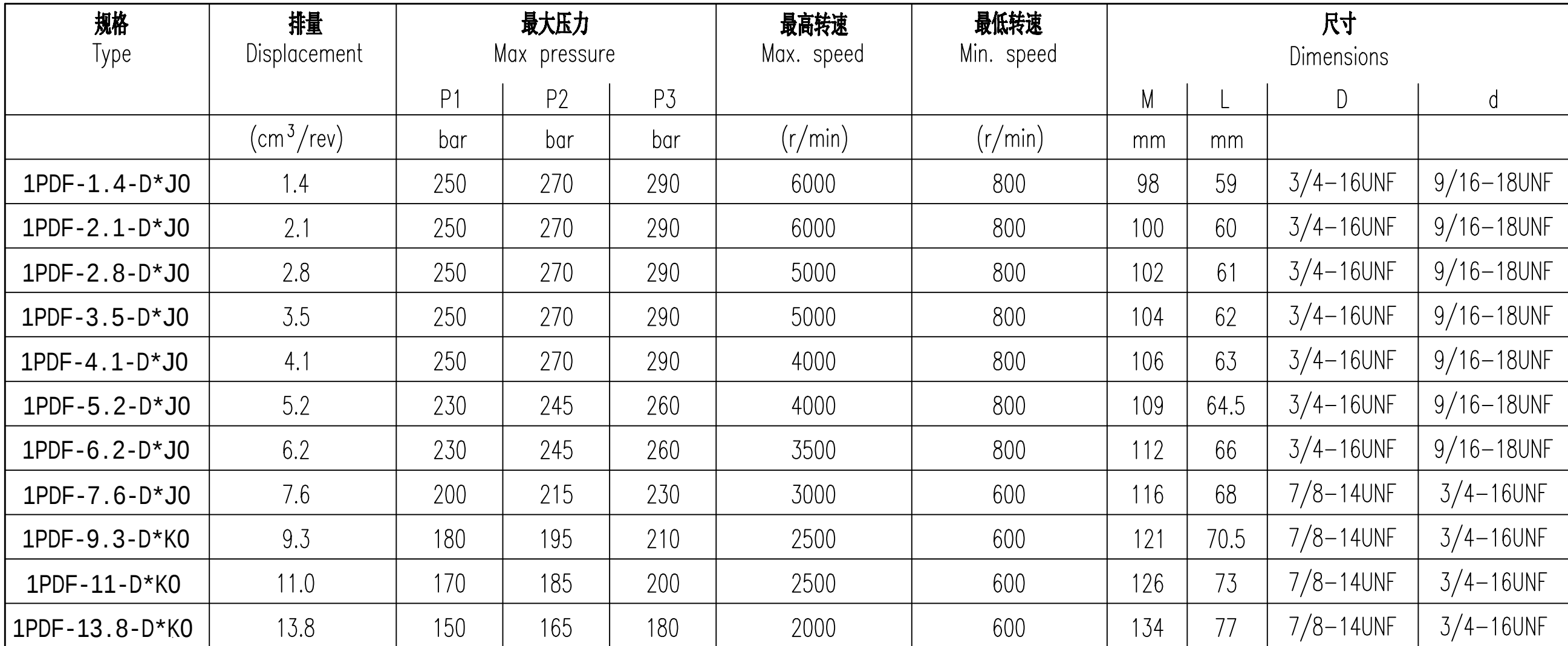
出油口
OUTLET

进油口
INLET



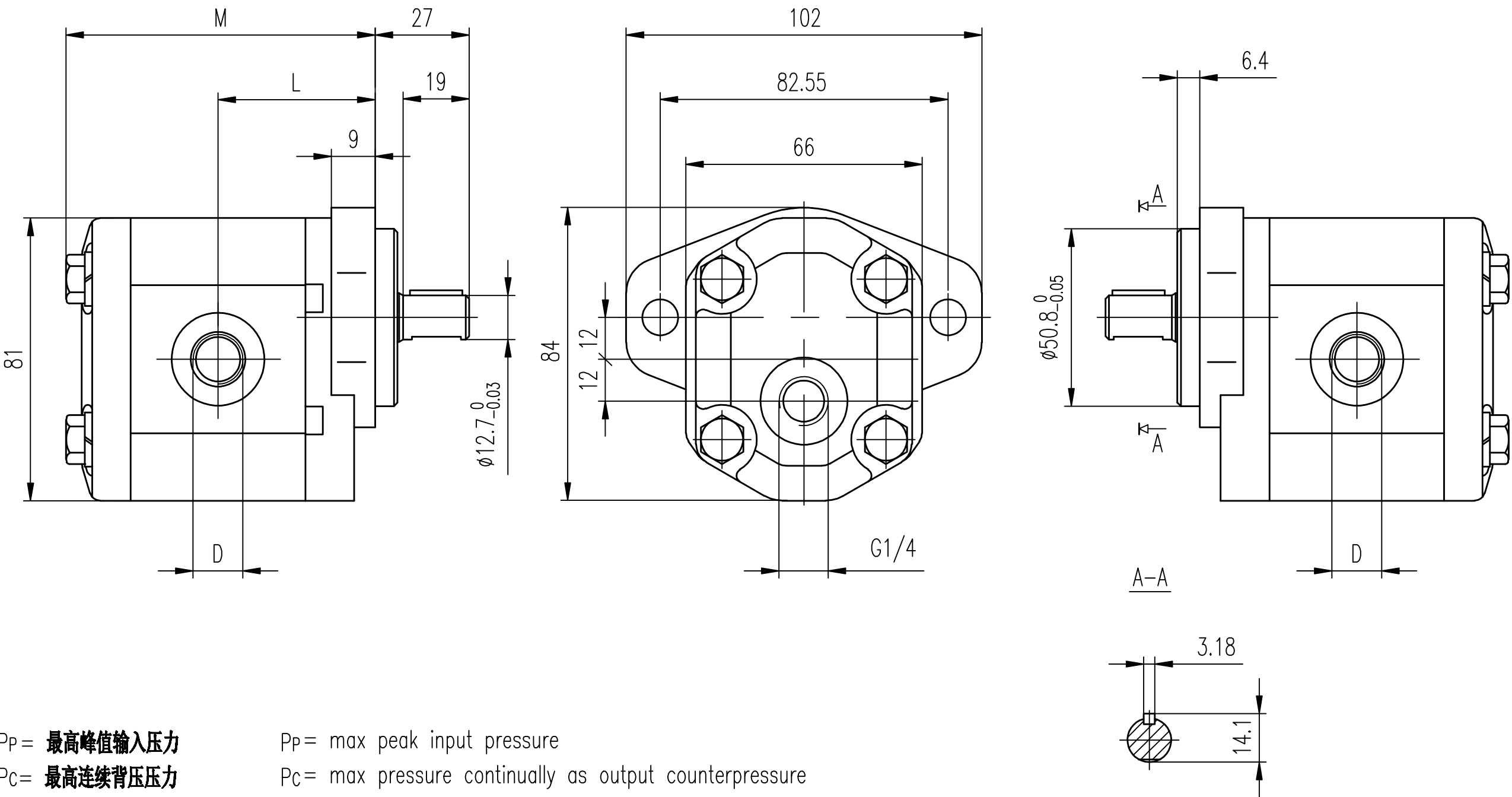
规格 Type	排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	尺寸 Dimensions			
		P1	P2	P3			M	L	D	d
	(cm ³ /rev)	bar	bar	bar	(r/min)	(r/min)	mm	mm		
1PDF-1.4-D*R0	1.4	250	270	290	6000	800	82.5	42	PT1/2	PT3/8
1PDF-2.1-D*R0	2.1	250	270	290	6000	800	84.5	43	PT1/2	PT3/8
1PDF-2.8-D*R0	2.8	250	270	290	5000	800	86.5	44	PT1/2	PT3/8
1PDF-3.5-D*R0	3.5	250	270	290	5000	800	88.5	45	PT1/2	PT3/8
1PDF-4.1-D*R0	4.1	250	270	290	4000	800	90.5	46	PT1/2	PT3/8
1PDF-5.2-D*R0	5.2	230	245	260	4000	800	93.5	47.5	PT1/2	PT3/8
1PDF-6.2-D*R0	6.2	230	245	260	3500	800	96.5	49	PT1/2	PT3/8
1PDF-7.6-D*R0	7.6	200	215	230	3000	600	100.5	51	PT3/4	PT1/2
1PDF-9.3-D*R0	9.3	180	195	210	2500	600	105.5	53.5	PT3/4	PT1/2
1PDF-11-D*R0	11.0	170	185	200	2500	600	110.5	56	PT3/4	PT1/2
1PDF-13.8-D*R0	13.8	150	165	180	2000	600	118.5	60	PT3/4	PT1/2

"D" and "d" ports are machined in compliance with threaded port with O-ring seal in truncated housing SAE J1926/1(ISO J1926-1). To mount the pump, n.4 M8 screws, with a torque wrench setting fixed at 27 ± 3 Nm.



”D”和”d”油口有螺纹加工，用O形圈密封，旁侧削平的SAE J1926/1 (ISO J1926-1)。
安装泵时，n.4 M8 螺钉扭矩设定为 30±3 Nm.

”D” and ”d” ports are machined in compliance with threaded port with O-ring seal in truncated housing SAE J1926/1(ISO J1926-1).
To mount the pump, n.4 M8 screws, with a torque wrench setting fixed at 30±3 Nm.

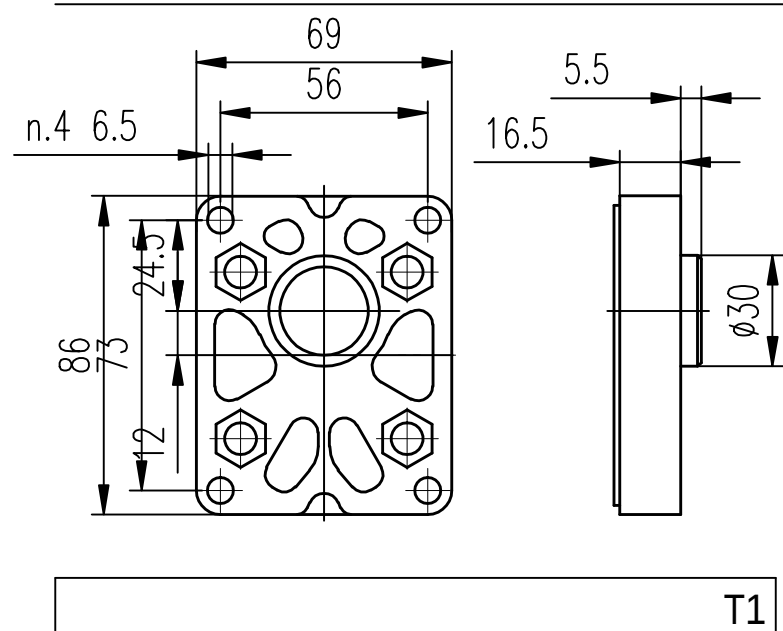


PP= 最高峰值输入压力
PC= 最高连续背压压力
PI= 最高连续输入压力

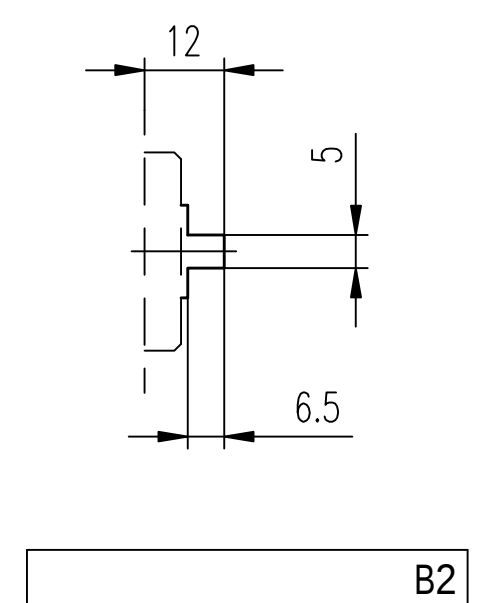
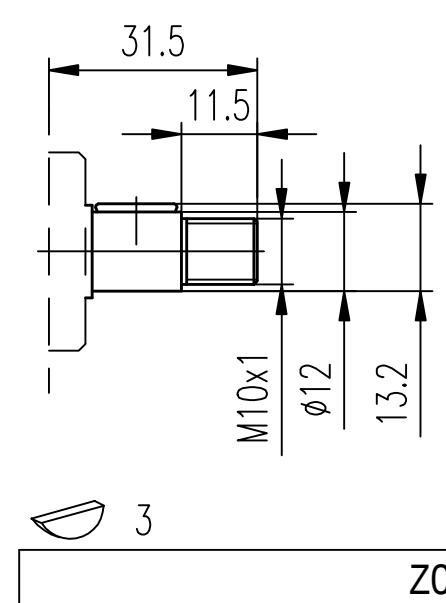
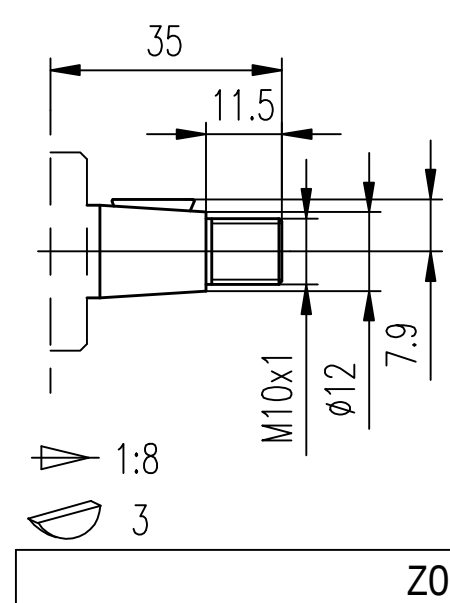
PP= max peak input pressure
PC= max pressure continually as output counterpressure
PI= max peak input pressure continually

规格 Type	排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	尺寸 Dimensions		
		PI	PC	PP			M	L	D
	(cm ³ /rev)	bar	bar	bar	(r/min)	(r/min)	mm	mm	
1PDM-1.4R*R0-Q1	1.4	270	260	290	5000	800	82.5	42	3/4-16UNF
1PDM-2.1R*R0-Q1	2.1	270	260	290	5000	800	84.5	43	3/4-16UNF
1PDM-2.8R*R0-Q1	2.8	270	260	290	5000	800	86.5	44	3/4-16UNF
1PDM-3.5R*R0-Q1	3.5	270	260	290	5000	800	88.5	45	3/4-16UNF
1PDM-4.1R*R0-Q1	4.1	270	260	290	4000	800	90.5	46	3/4-16UNF
1PDM-5.2R*R0-Q1	5.2	260	250	275	3500	800	93.5	47.5	3/4-16UNF
1PDM-6.2R*R0-Q1	6.2	260	250	275	3000	800	96.5	49	3/4-16UNF
1PDM-7.6R*R0-Q1	7.6	230	220	245	3000	600	100.5	51	7/8-14UNF
1PDM-9.3R*R0-Q1	9.3	210	200	225	3000	600	105.5	53.5	7/8-14UNF
1PDM-11R*R0-Q1	11.0	200	190	215	2500	600	110.5	56	7/8-14UNF
1PDM-13.8R*R0-Q1	13.8	180	170	195	2200	600	118.5	60	7/8-14UNF

前盖/Front Cover



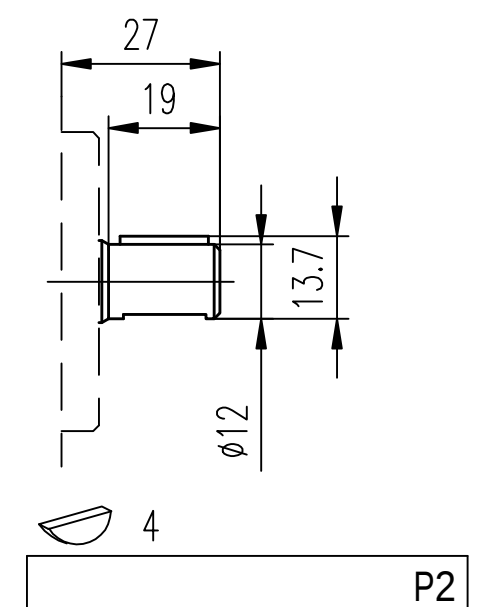
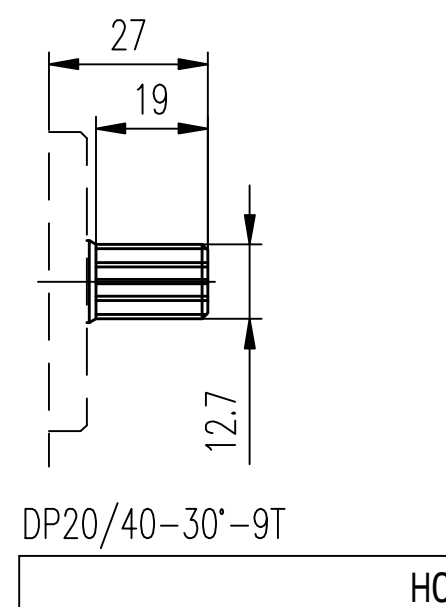
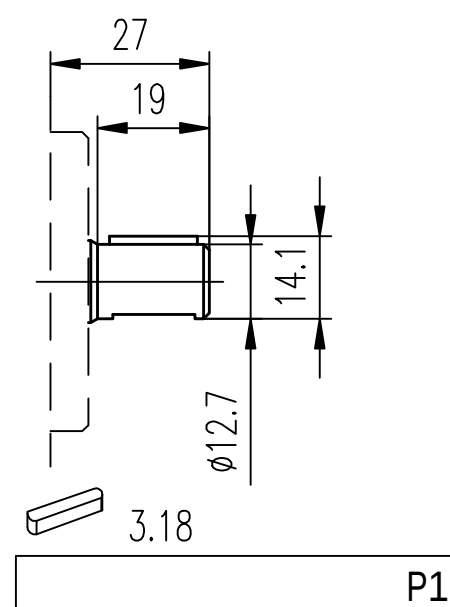
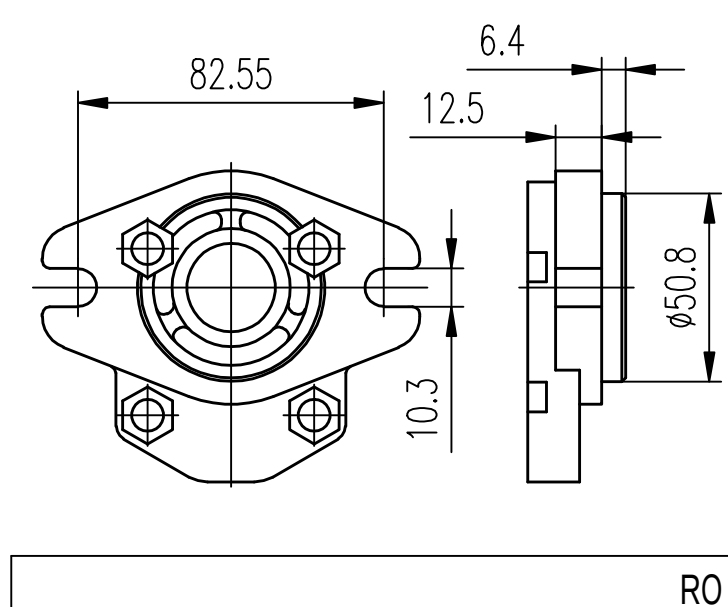
轴伸/Shafts



最大扭矩
Max.Torque 100 Nm

最大扭矩
Max.Torque 55 Nm

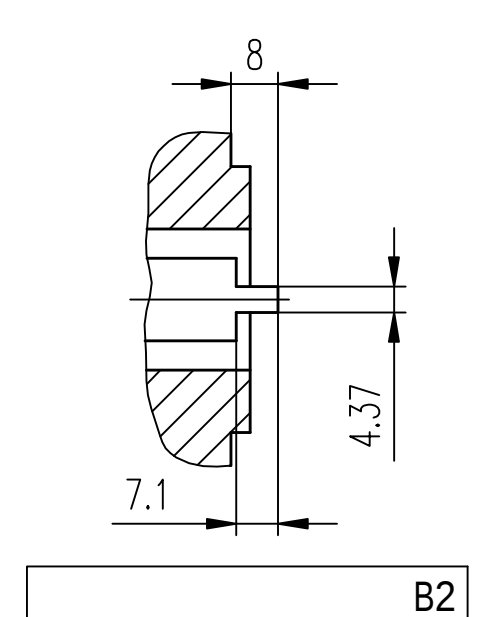
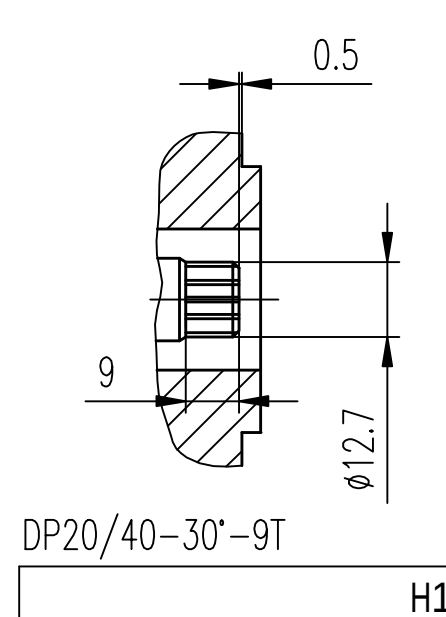
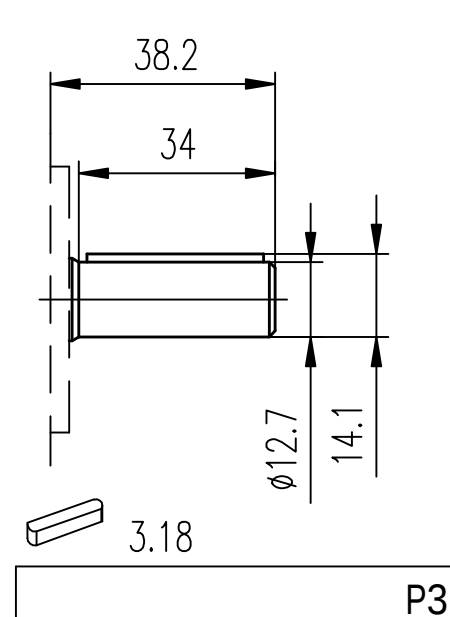
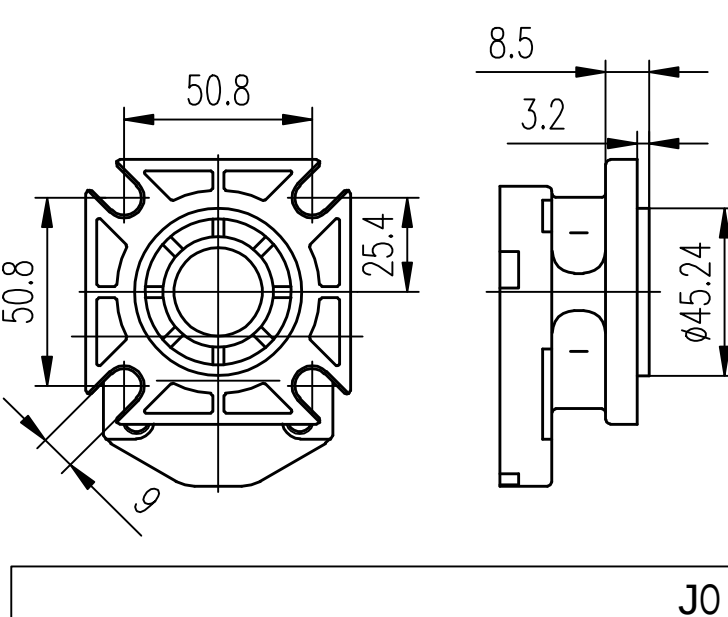
最大扭矩
Max.Torque 45 Nm



最大扭矩
Max.Torque 60 Nm

最大扭矩
Max.Torque 100 Nm

最大扭矩
Max.Torque 70 Nm

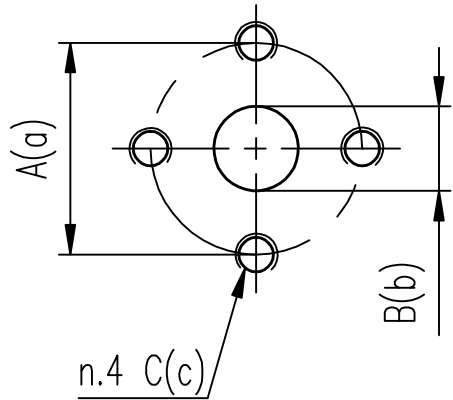


最大扭矩
Max.Torque 100 Nm

最大扭矩
Max.Torque 95 Nm

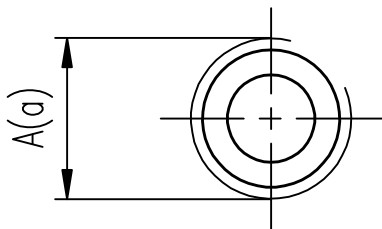
最大扭矩
Max.Torque 45 Nm

油口/PORTS



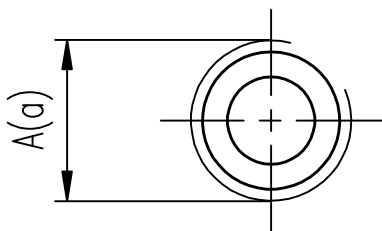
E0

规格 TYPE	进油口 INLET			出油口 OUTLET		
	A	B	C	a	b	c
1PDF...1.4-1PDF...13.8	30	13	M6	30	13	M6



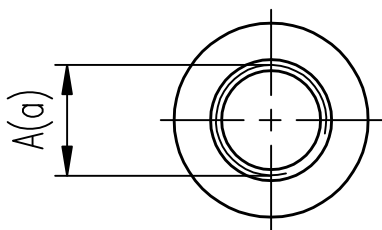
G6/G7/G5/G8

规格 TYPE	油口代号 PORTS CODE	进油口 INLET	出油口 OUTLET
		A	a
1PDF...1.4-1PDF...3.5	G6	G1/2	G3/8
1PDF...4.1-1PDF...13.8	G7	G1/2	G1/2
1PDF...1.4-1PDF...3.5	G5	G3/8	G3/8
1PDF...4.1-1PDF...13.8	G8	G3/4	G1/2



N1/N2/N3/N4

规格 TYPE	油口代号 PORTS CODE	进油口 INLET	出油口 OUTLET
		A	a
1PDF...1.4-1PDF...6.2	N1	PT1/2	PT3/8
1PDF...7.6-1PDF...13.8	N2	PT3/4	PT1/2
1PDF...1.4-1PDF...13.8	N3	PT1/2	PT1/2
1PDF...1.4-1PDF...6.2	N4	PT3/8	PT3/8



U1/U2/U3/U4

规格 TYPE	油口代号 PORTS CODE	进油口 INLET	出油口 OUTLET
		A	a
1PDF...1.4-1PDF...6.2	U1	3/4-16UNF	9/16-18UNF
1PDF...7.6-1PDF...13.8	U2	7/8-14UNF	3/4-16UNF
1PDM...1.4-1PDM...6.2	U3	3/4-16UNF	3/4-16UNF
1PDM...7.6-1PDM...13.8	U4	7/8-14UNF	7/8-14UNF