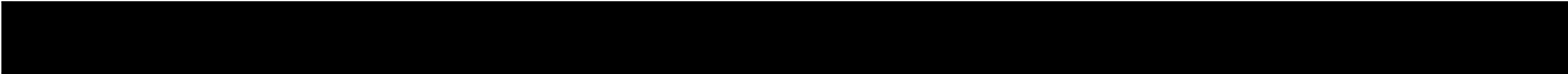


如何订购/ HOW TO ORDER

1	P	UF	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	0.8	D	顺时针转 Clockwise		K1				
			1.1								
			1.3	S	逆时针转 Counter clockwise						
			1.6				K2				
			1.8				K3				
			2.1	R	可正反转 Reversible						
			2.7								
			3.2								
			3.7								
			4.2								
			4.8								
			5.8								
			7.0								
			8.0								

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.

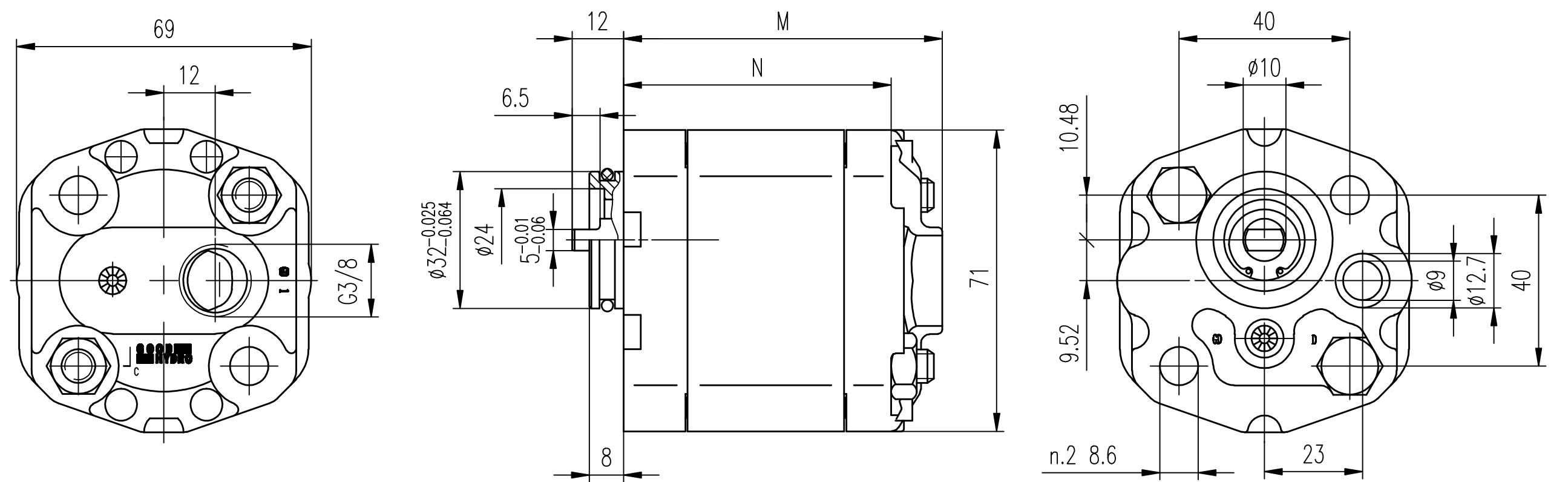


后盖: G3/8 螺纹深 12.
安装泵时, n.2 M8 螺钉扭矩设定为
27±3 Nm.

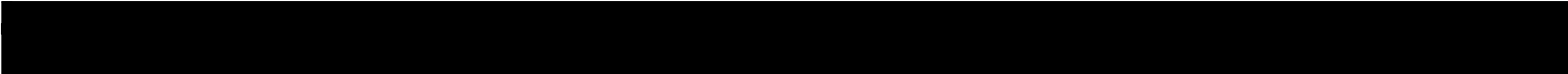
End cover: G3/8 thread depth 12.
To mount the pump, n.2 M8 screws,
with a torque wrench setting fixed
at 27±3 Nm.

进油口
INLET

出油口
OUTLET



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	N
	(cm ³ /rev)	bar	bar	bar	(r/min)	(r/min)	mm	mm
1PUF-0.8-D*K1	0.8	230	250	270	6000	1000	73.5	61.5
1PUF-1.1-D*K1	1.1	230	250	270	6000	1000	74	62
1PUF-1.3-D*K1	1.3	230	250	270	6000	1000	75	63
1PUF-1.6-D*K1	1.6	230	250	270	6000	1000	76	64
1PUF-1.8-D*K1	1.8	230	250	270	6000	1000	77	65
1PUF-2.1-D*K1	2.1	230	250	270	6000	1000	78	66
1PUF-2.5-D*K1	2.5	230	250	270	6000	1000	79	67
1PUF-2.7-D*K1	2.7	230	250	270	6000	800	80	68
1PUF-3.2-D*K1	3.2	210	230	250	5000	800	82	70
1PUF-3.7-D*K1	3.7	210	230	250	4500	800	84	72
1PUF-4.2-D*K1	4.2	210	230	250	4000	800	86	74
1PUF-4.8-D*K1	4.8	190	210	230	3500	600	88	76
1PUF-5.8-D*K1	5.8	190	210	230	3000	600	92	80
1PUF-7.0-D*K1	7.0	160	180	200	2500	600	96	84
1PUF-8.0-D*K1	8.0	160	180	200	2100	600	100	88

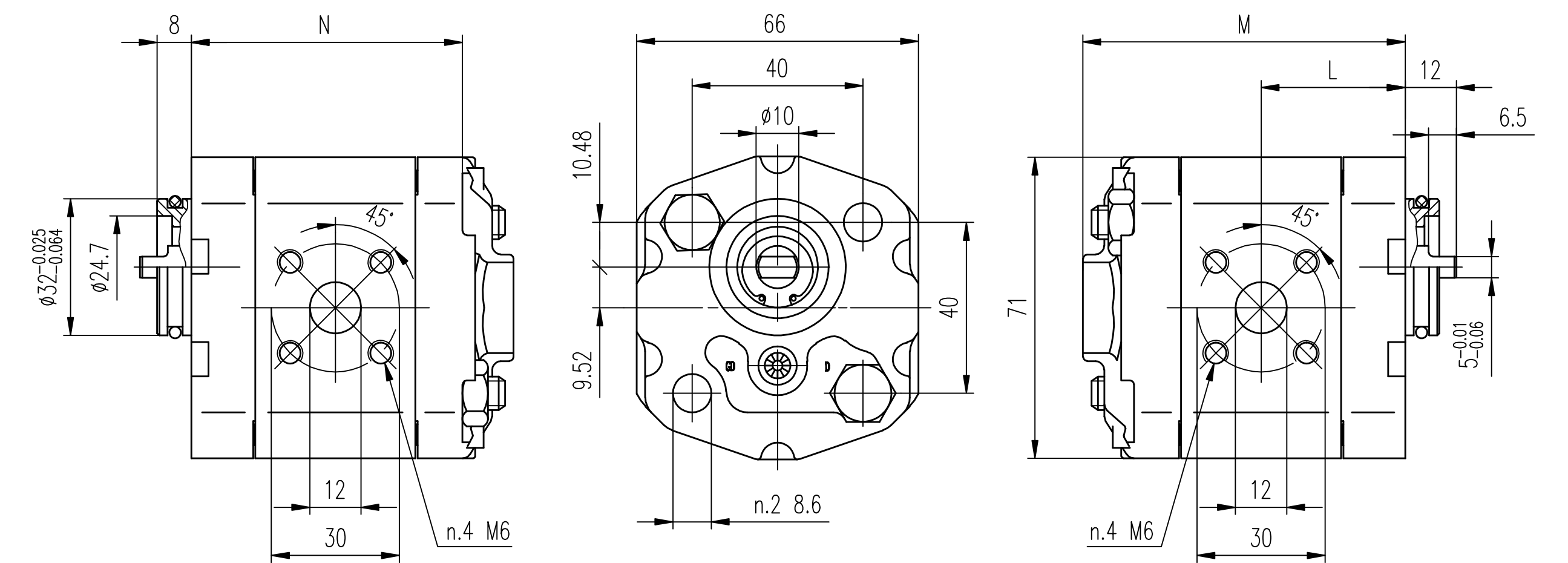


M6 螺纹深 12.
安装泵时, n.2 M8 螺钉扭矩设定为
27±3 Nm.

M6 threads depth 12.
To mount the pump, n.2 M8 screws,
with a torque wrench setting fixed
at 27±3 Nm.

出油口
OUTLET

进油口
INLET



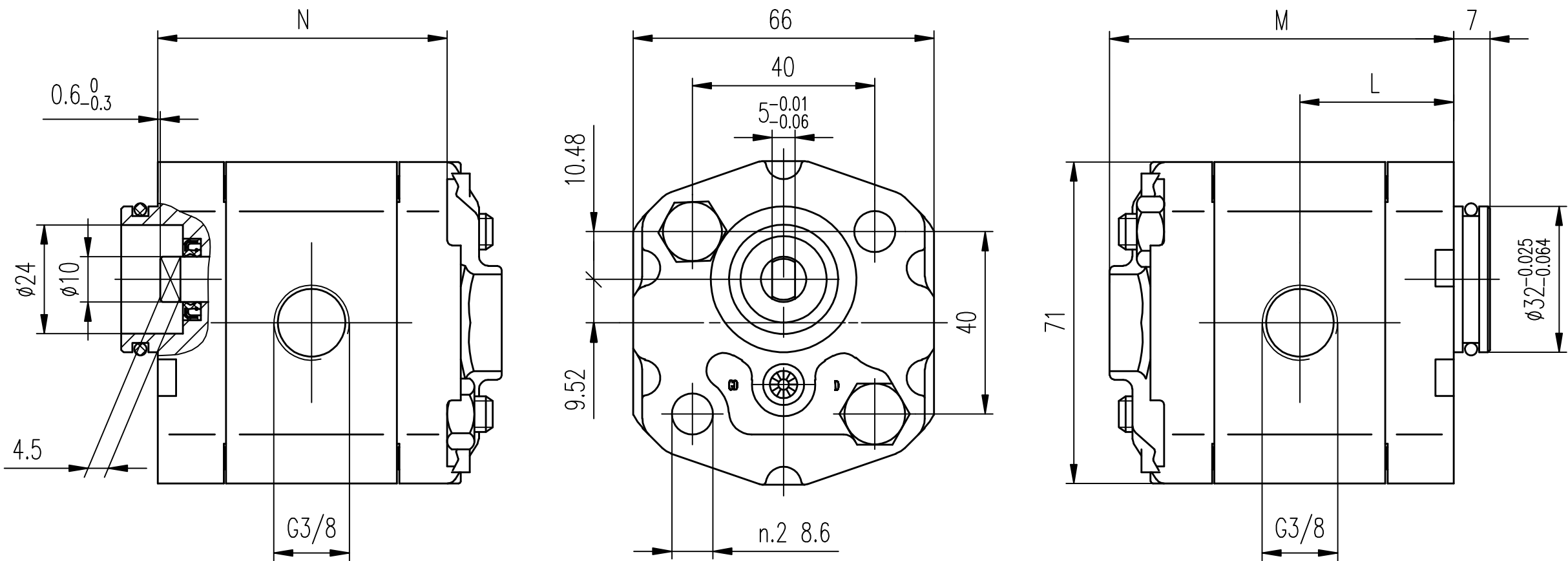
规格 Type	排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	尺寸 Dimensions		
		P1	P2	P3			M	N	L
	(cm ³ /rev)	bar	bar	bar	(r/min)	(r/min)	mm	mm	mm
1PUF-0.8-D*K2	0.8	230	250	270	6000	1000	73.5	61.5	32.8
1PUF-1.1-D*K2	1.1	230	250	270	6000	1000	74	62	33
1PUF-1.3-D*K2	1.3	230	250	270	6000	1000	75	63	33.5
1PUF-1.6-D*K2	1.6	230	250	270	6000	1000	76	64	34
1PUF-1.8-D*K2	1.8	230	250	270	6000	1000	77	65	34.5
1PUF-2.1-D*K2	2.1	230	250	270	6000	1000	78	66	35
1PUF-2.7-D*K2	2.7	230	250	270	6000	800	80	68	36
1PUF-3.2-D*K2	3.2	210	230	250	5000	800	82	70	37
1PUF-3.7-D*K2	3.7	210	230	250	4500	800	84	72	38
1PUF-4.2-D*K2	4.2	210	230	250	4000	800	86	74	39
1PUF-4.8-D*K2	4.8	190	210	230	3500	600	88	76	40
1PUF-5.8-D*K2	5.8	190	210	230	3000	600	92	80	42
1PUF-7.0-D*K2	7.0	160	180	200	2500	600	96	84	44
1PUF-8.0-D*K2	8.0	160	180	200	2100	600	100	88	46

G3/8 螺纹深 12.
安装泵时, n.2 M8 螺钉扭矩设定为
27±3 Nm.

G3/8 thread depth 12.
To mount the pump, n.2 M8 screws,
with a torque wrench setting fixed
at 27±3 Nm.

出油口
OUTLET

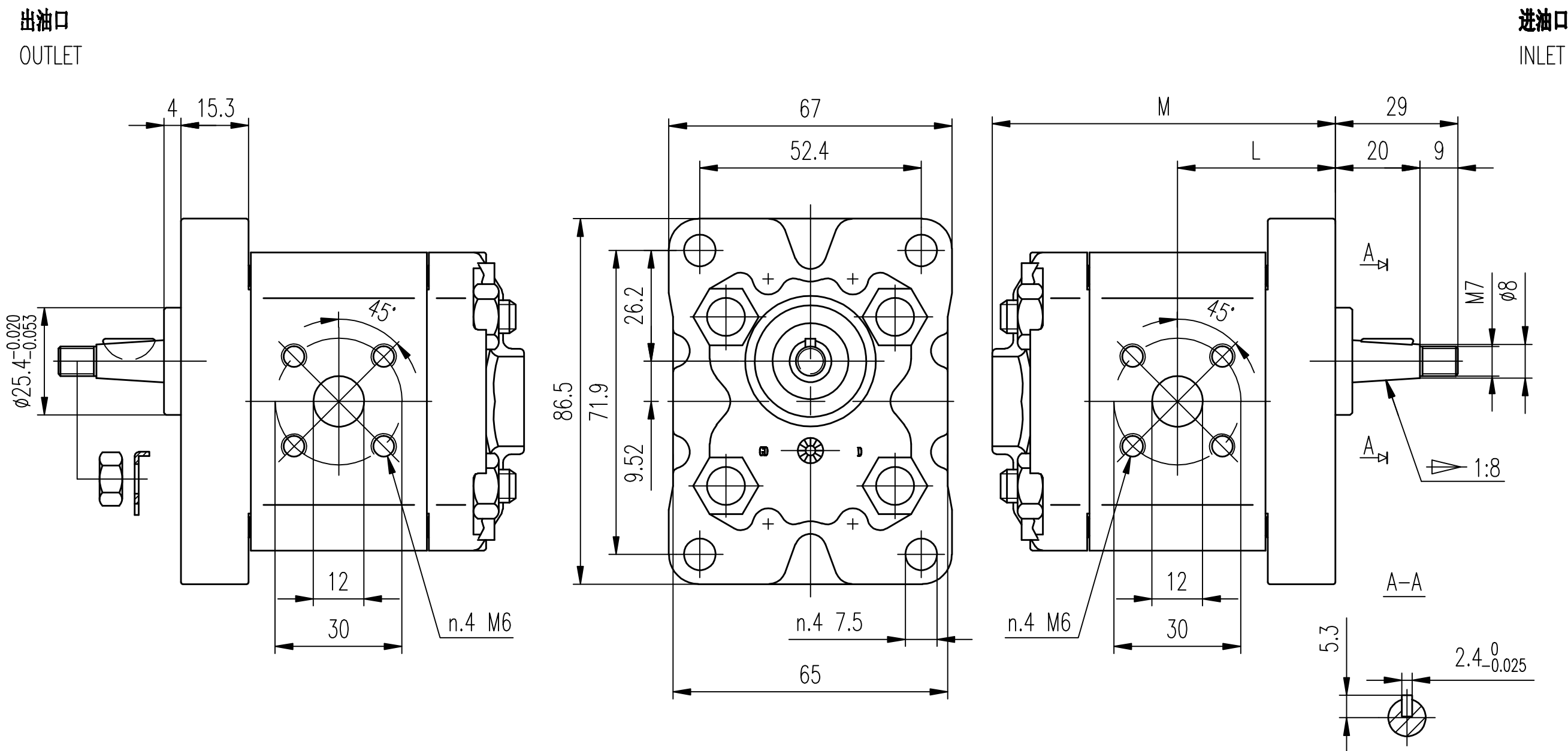
进油口
INLET



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	N	L
	(cm ³ /rev)	bar	bar	bar	(r/min)	(r/min)	mm	mm	mm
1PUF-0.8-D*K3	0.8	230	250	270	6000	1000	73.5	61.5	32.8
1PUF-1.1-D*K3	1.1	230	250	270	6000	1000	74	62	33
1PUF-1.3-D*K3	1.3	230	250	270	6000	1000	75	63	33.5
1PUF-1.6-D*K3	1.6	230	250	270	6000	1000	76	64	34
1PUF-1.8-D*K3	1.8	230	250	270	6000	1000	77	65	34.5
1PUF-2.1-D*K3	2.1	230	250	270	6000	1000	78	66	35
1PUF-2.7-D*K3	2.7	230	250	270	6000	800	80	68	36
1PUF-3.2-D*K3	3.2	210	230	250	5000	800	82	70	37
1PUF-3.7-D*K3	3.7	210	230	250	4500	800	84	72	38
1PUF-4.2D*K3	4.2	210	230	250	4000	800	86	74	39
1PUF-4.8-D*K3	4.8	190	210	230	3500	600	88	76	40
1PUF-5.8-D*K3	5.8	190	210	230	3000	600	92	80	42
1PUF-7.0-D*K3	7.0	160	180	200	2500	600	96	84	44
1PUF-8.0-D*K3	8.0	160	180	200	2100	600	100	88	46

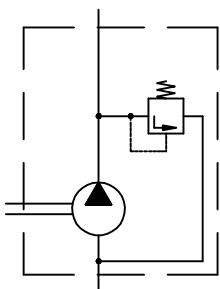
M6 螺纹深 12.
安装泵时, n.4 M8 螺钉扭矩设定为
27±3 Nm.
轴伸 M7 螺母扭矩设定为 8 Nm.

M6 thread depth 12.
To mount the pump, n.4 M8 screws,
with a torque wrench setting fixed
at 27±3 Nm.
Shaft M7 nut, with a torque wrench
setting fixed at 8 Nm.

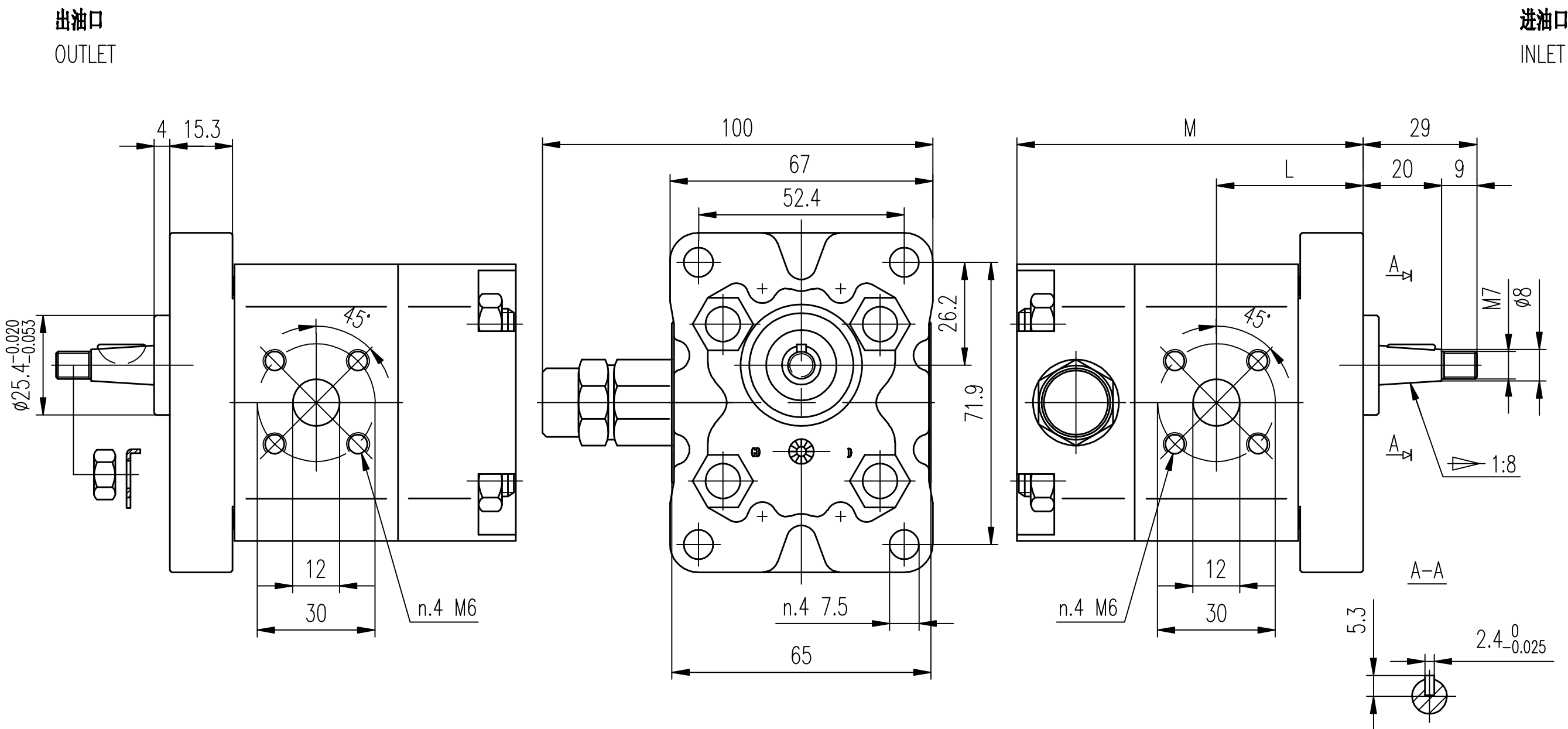


规格 Type	排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	尺寸 Dimensions	
		P1	P2	P3			M	L
	(cm ³ /rev)	bar	bar	bar	(r/min)	(r/min)	mm	mm
1PUF-0.8-D*T0	0.8	230	250	270	6000	1000	73.5	32.8
1PUF-1.1-D*T0	1.1	230	250	270	6000	1000	74	33
1PUF-1.3-D*T0	1.3	230	250	270	6000	1000	75	33.5
1PUF-1.6-D*T0	1.6	230	250	270	6000	1000	76	34
1PUF-1.8-D*T0	1.8	230	250	270	6000	1000	77	34.5
1PUF-2.1-D*T0	2.1	230	250	270	6000	1000	78	35
1PUF-2.7-D*T0	2.7	230	250	270	6000	800	80	36
1PUF-3.2-D*T0	3.2	210	230	250	5000	800	82	37
1PUF-3.7-D*T0	3.7	210	230	250	4500	800	84	38
1PUF-4.2-D*T0	4.2	210	230	250	4000	800	86	39
1PUF-4.8-D*T0	4.8	190	210	230	3500	600	88	40
1PUF-5.8-D*T0	5.8	190	210	230	3000	600	92	42
1PUF-7.0-D*T0	7.0	160	180	200	2500	600	96	44
1PUF-8.0-D*T0	8.0	160	180	200	2100	600	100	46

M6 螺纹深 12.
安装泵时, n.4 M8 螺钉扭矩设定为
27±3 Nm.
轴伸 M7 螺母扭矩设定为 8 Nm.



M6 thread depth 12.
To mount the pump, n.4 M8 screws,
with a torque wrench setting fixed
at 27±3 Nm.
Shaft M7 nut, with a torque wrench
setting fixed at 8 Nm.



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
1PUF-0.8-D*T0-Y	0.8	230	250	270	6000	1000	82.5	32.8
1PUF-1.1-D*T0-Y	1.1	230	250	270	6000	1000	83	33
1PUF-1.3-D*T0-Y	1.3	230	250	270	6000	1000	84	33.5
1PUF-1.6-D*T0-Y	1.6	230	250	270	6000	1000	85	34
1PUF-1.8-D*T0-Y	1.8	230	250	270	6000	1000	86	34.5
1PUF-2.1-D*T0-Y	2.1	230	250	270	6000	1000	87	35
1PUF-2.7-D*T0-Y	2.7	230	250	270	6000	800	89	36
1PUF-3.2-D*T0-Y	3.2	210	230	250	5000	800	91	37
1PUF-3.7-D*T0-Y	3.7	210	230	250	4500	800	93	38
1PUF-4.2-D*T0-Y	4.2	210	230	250	4000	800	95	39
1PUF-4.8-D*T0-Y	4.8	190	210	230	3500	600	97	40
1PUF-5.8-D*T0-Y	5.8	190	210	230	3000	600	101	42
1PUF-7.0-D*T0-Y	7.0	160	180	200	2500	600	105	44
1PUF-8.0-D*T0-Y	8.0	160	180	200	2100	600	109	46

高低压多联泵

1PULF 高低压压齿轮泵适合应用于系统液压驱动器在低负载时能快速前进或返回，而当液压驱动器在高负载时能低速运动的液压系统，特别是该结构具有对电机功率要求低的优势。

1PULF 高低压齿轮泵是一款带特殊集成阀的双联齿轮泵（见如下图表），它广泛适用于垃圾压缩机、劈木机、卡紧机械、折边机和金属成形机等。

HIGH-LOW MUULTIPLE PUMPS

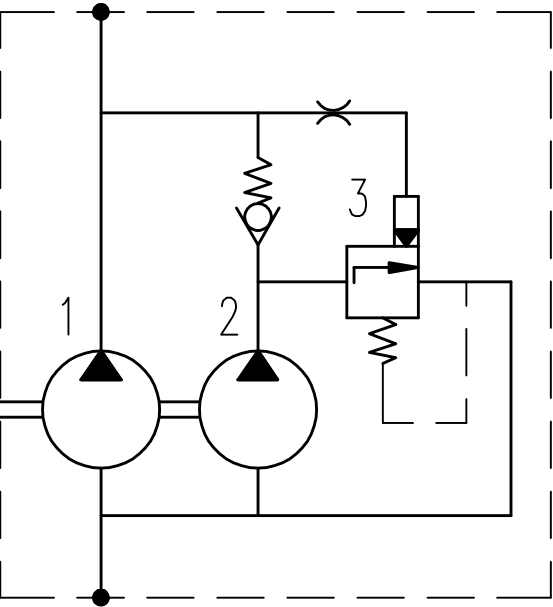
1PULF High-Low hydraulic gear pumps is the very ideal pump for applications which require a quick approach and/or return of the actuator at low loads and slow motion of the actuator at high loads. In particular this model offers the advantage of requiring lower power of the motor.

1PULF High-Low hydraulic gear pumps is a special double stage pump with special integrated valves (as shown in the hydraulic diagram) has been specially designed for applications such as trash compactors, log splitters, clamping mechanisms, crimping machines, metal forming machines etc.

技术特征

Technical features

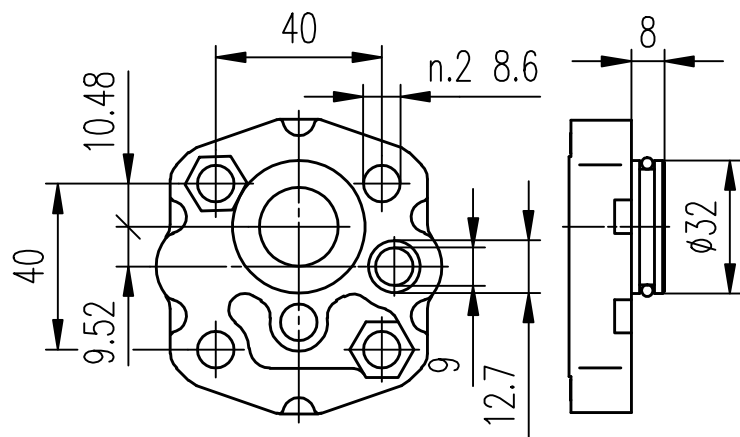
前泵小排量高压力 First stage Low displacement high pressure	排量从1.1cm ³ /rev到3.2cm ³ /rev-P1=230 bar From 1.1cm ³ /rev to 3.2cm ³ /rev-P1=230 bar
后泵大排量低压 Second stage High displacement low pressure	排量从3.7cm ³ /rev到9.8cm ³ /rev-（压力由卸荷阀设定） From 3.7cm ³ /rev to 9.8cm ³ /rev-(Pressure set by unloading valve)
卸荷阀 Unloading valve	标准设定压力 35 bar Standard setting 35 bar
转速范围 RPM pump range	从1000转到3500转 From 1000 rpm to 3500 rpm
前盖和轴伸 Flanges and shafts	
油口 Ports	



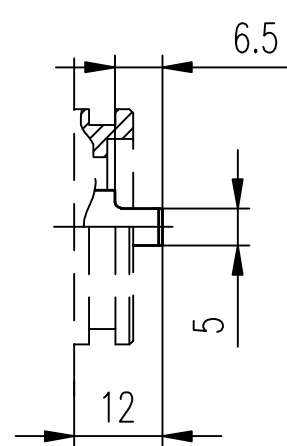
1. First stage high pressure
2. Second stage low pressure
3. Unloading valve

前盖/Front Cover

轴伸/Shafts

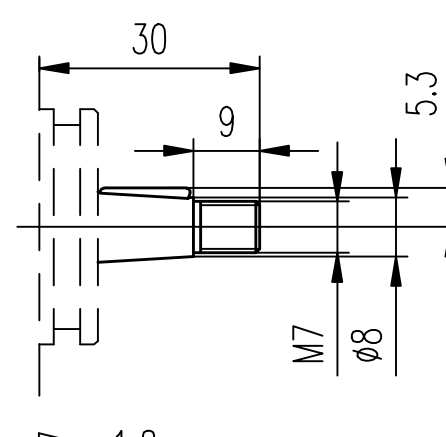


K1



B0

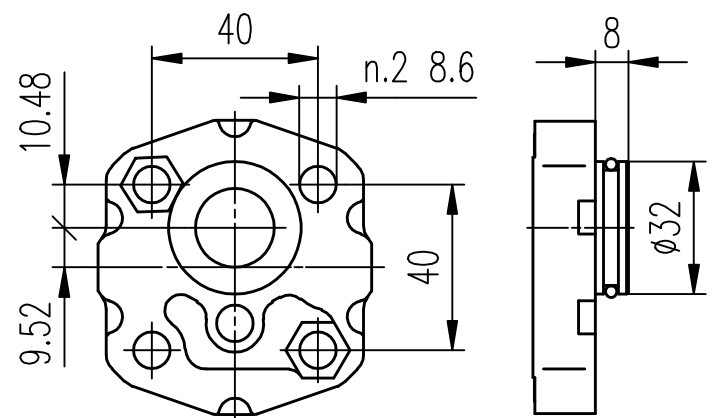
最大扭矩
Max.Torque 20 Nm



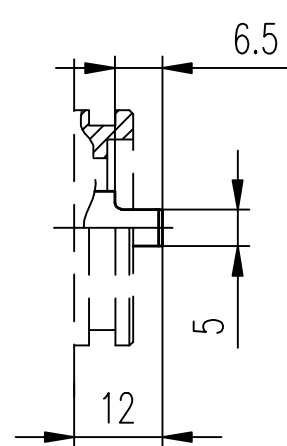
Z0

最大扭矩
Max.Torque 25 Nm

1:8
2.4

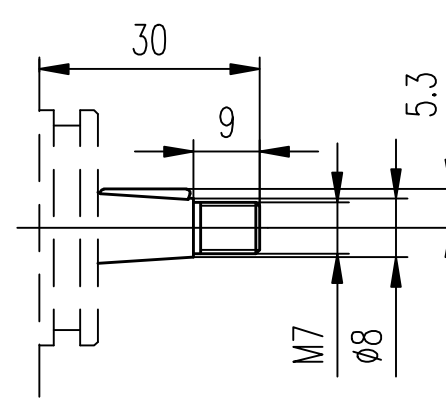


K2



B0

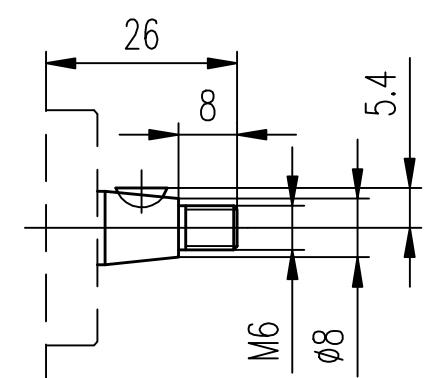
最大扭矩
Max.Torque 20 Nm



Z0

最大扭矩
Max.Torque 25 Nm

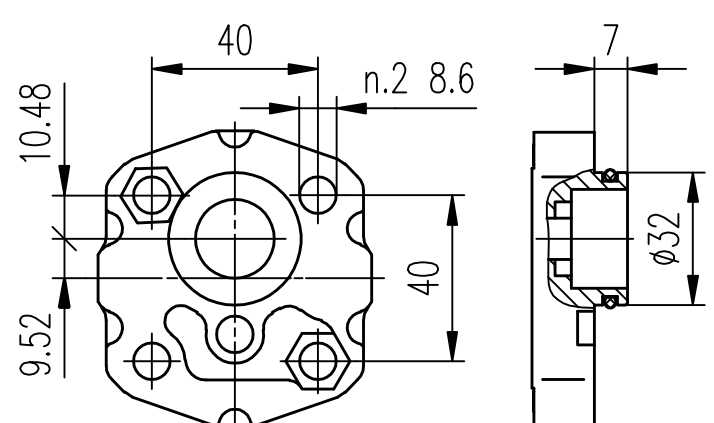
1:8
2.4



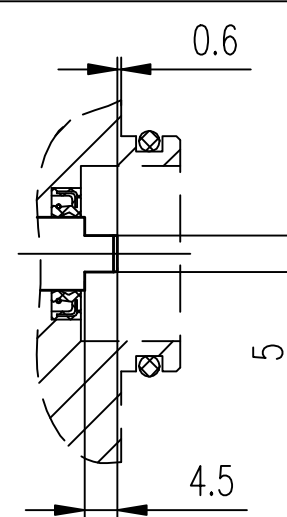
Z1

最大扭矩
Max.Torque 23 Nm

1:5
2

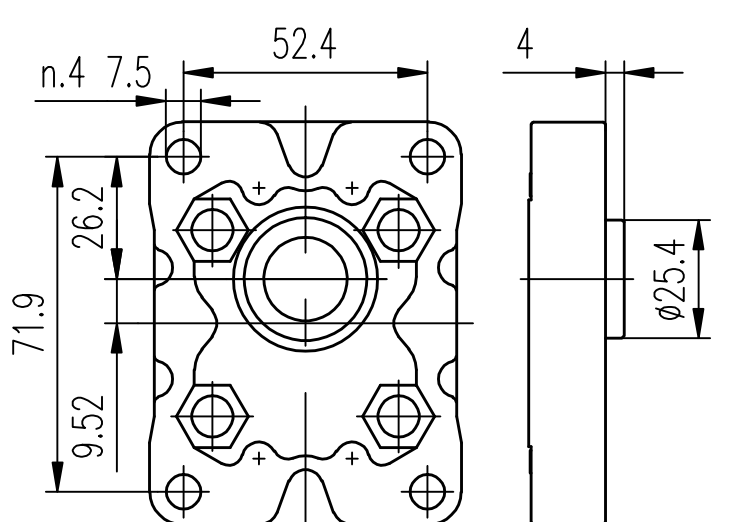


K3

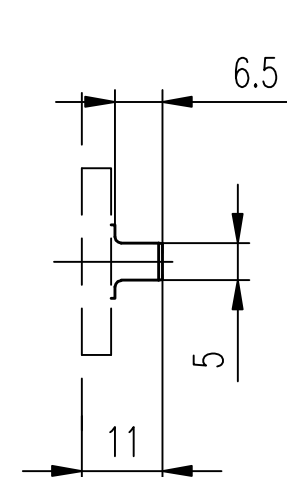


B1

最大扭矩
Max.Torque 20 Nm

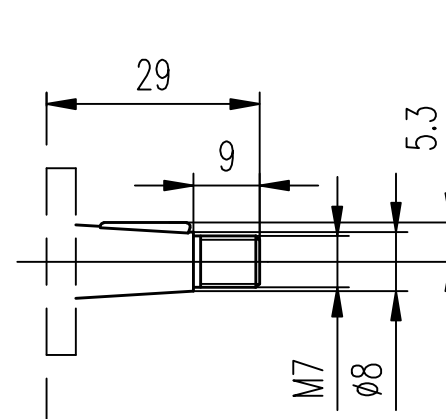


T0



B0

最大扭矩
Max.Torque 20 Nm

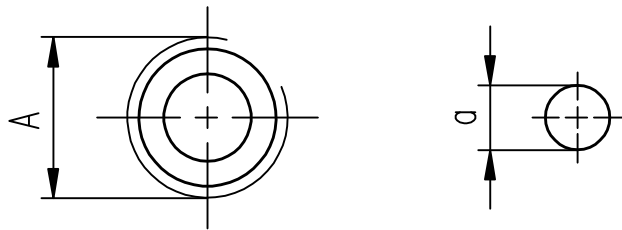


Z0

最大扭矩
Max.Torque 25 Nm

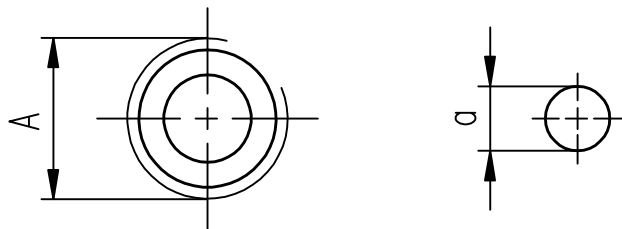
1:8
2.4

油口/PORTS



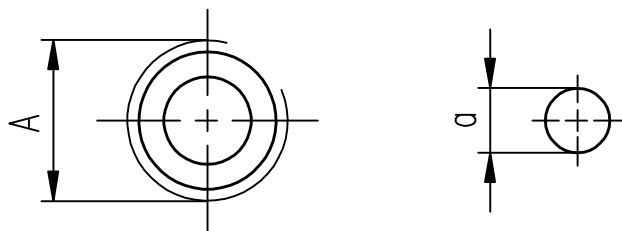
M2

规格 TYPE	进油口 INLET	出油口 OUTLET
	A	a
1PUF..0.8-1PUF8.0	G1/4	ø9



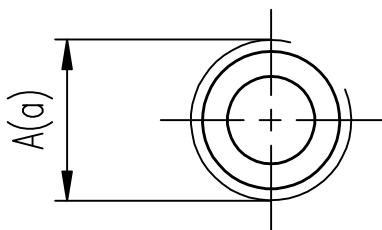
G3

规格 TYPE	进油口 INLET	出油口 OUTLET
	A	a
1PUF..0.8-1PUF8.0	G3/8	ø9



N0

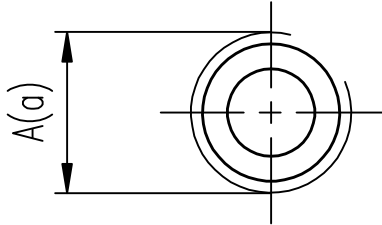
规格 TYPE	进油口 INLET	出油口 OUTLET
	A	a
1PUF..0.8-1PUF8.0	3/8 NPT	ø9



G4

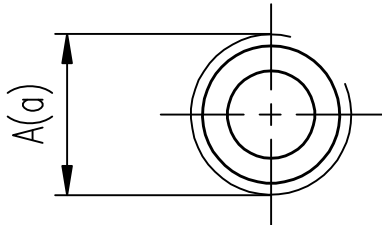
规格 TYPE	进油口 INLET	出油口 OUTLET
	A	a
1PUF..0.8-1PUF8.0	G3/8	G1/4

油口/PORTS



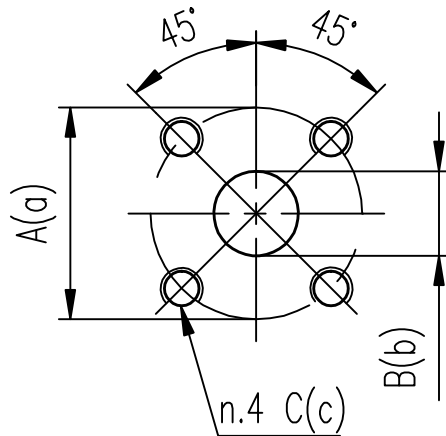
G5

规格 TYPE	进油口 INLET	出油口 OUTLET
	A	a
1PUF..0.8-1PUF8.0	G3/8	G3/8



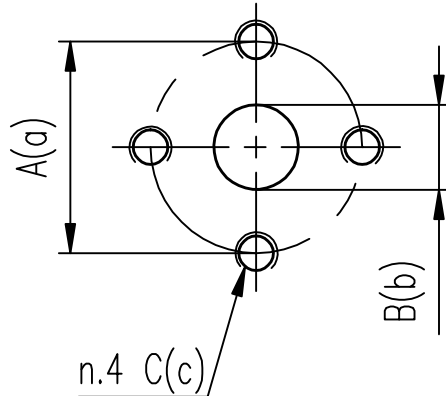
M3

规格 TYPE	进油口 INLET	出油口 OUTLET
	A	a
1PUF..0.8-1PUF8.0	M18x1.5	M14x1.5



L0

规格 TYPE	进油口 INLET			出油口 OUTLET		
	A	B	C	a	b	c
1PUF..0.8-1PUF8.0	30	12	M6	30	12	M6



E0

规格 TYPE	进油口 INLET			出油口 OUTLET		
	A	B	C	a	b	c
1PUF..0.8-1PUF8.0	30	12	M6	30	12	M6