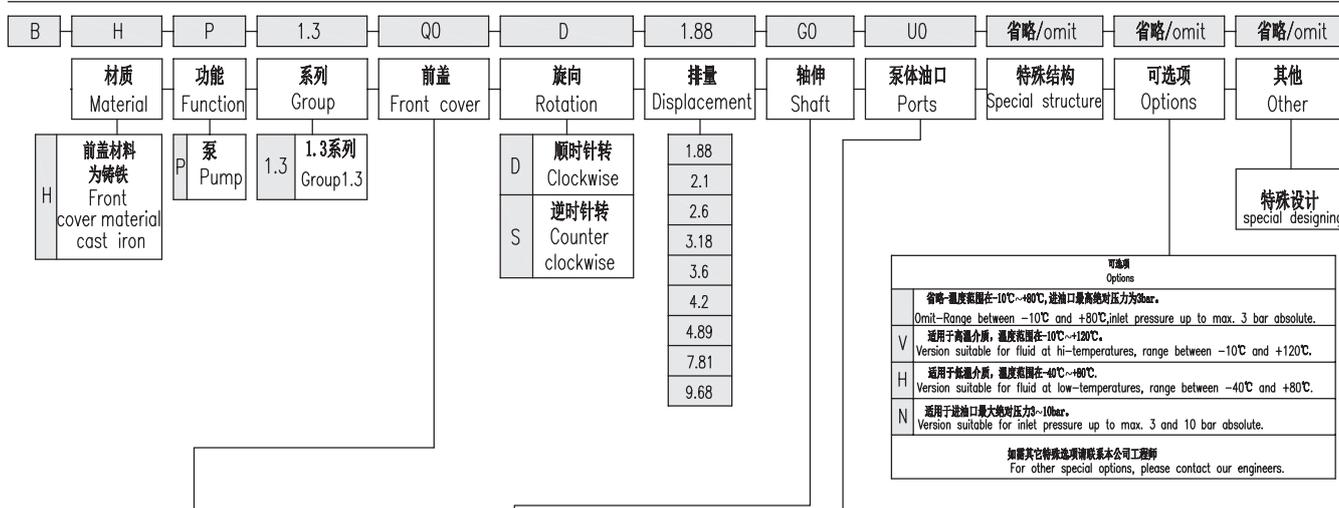
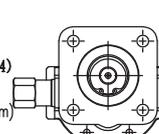


1.3系列/Group 1.3

1.3系列选型规则/Group 1.3 Ordering Code Rules

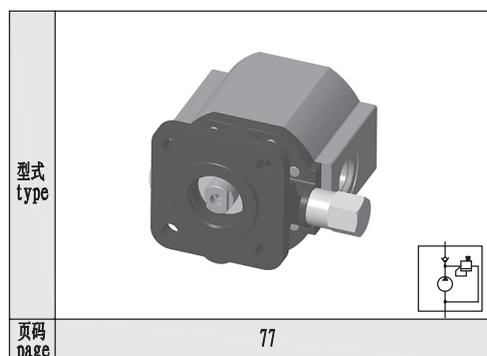


前盖 Front cover	轴伸 Shaft	泵体油口 Ports
Q0 方形前盖 (止口φ45.24) Square front cover (centering φ45.24mm) 	G0 扁平轴 Tang shaft 	U 美制管螺纹 (UNF-2B) UNF thread 
	C0 平键轴 Straight keyed 	
详见 76 页 See page 76 for details	详见 76 页 See page 76 for details	详见 76 页 See page 76 for details

如需其它型号请见详情页或联系本公司工程师
If you need other models, please see the details page or contact our engineers.

1.3系列/Group 1.3

1.3系列标准型产品概览/Group 1.3 Standard Product Overview



1.3系列排量参数表/Group 1.3 Displacement parameter table

排量 Displacement	V	cm ³ /rev	1.88	2.1	2.6	3.18	3.6	4.2	4.89	7.81	9.68
溢流压力 Overflow pressure	P _e	bar	40...200								
最高连续压力 Max. continuous pressure	P ₁		120						80		
最高间隙压力 Max. intermittent pressure	P ₂		175						140		
最高峰值压力 Max. peak pressure	P ₃		220						160		
最低转速 Min. speed	n _{min}	r/min	1000								
最高转速 Max. speed	n _{max}		3450								
容积效率 Volumetric efficiency	η _v	%	≥90		≥91				≥92		

1.3系列/Group 1.3

1.3系列噪音曲线表/Group 1.3 Noise Curve Table

噪音曲线

噪音等级取决于转速和压力范围；这个压力范围介于10 bar和压力值 P1之间。

The noise level depends on the speed and pressure range;
This pressure range is between 10 bar and pressure value P1.

油液数据: $v = 32 \text{ mm}^2/\text{s}$, $\theta = 50^\circ\text{C}$.

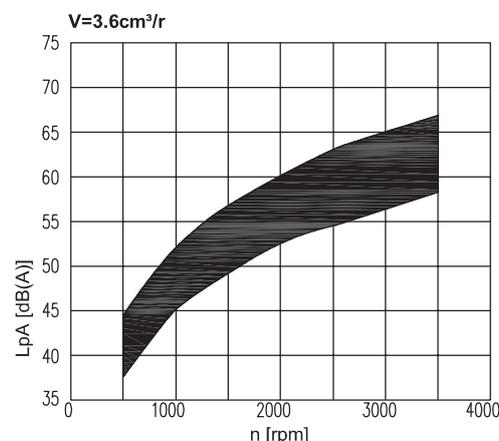
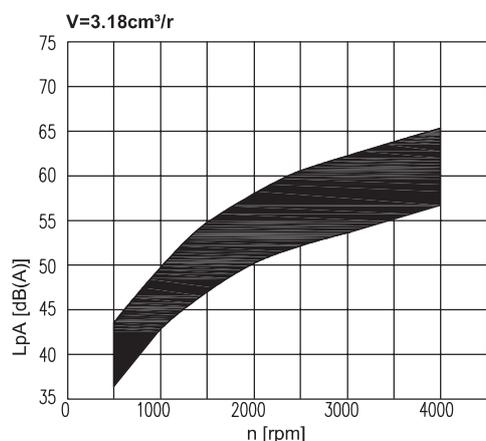
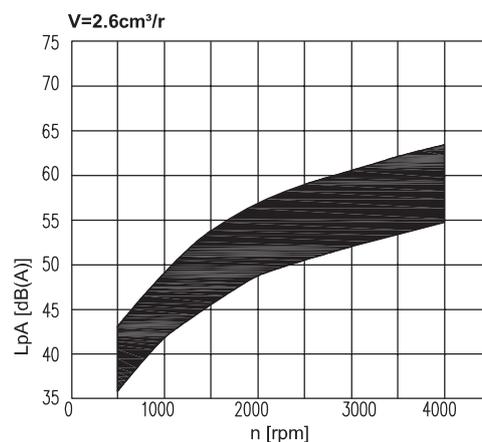
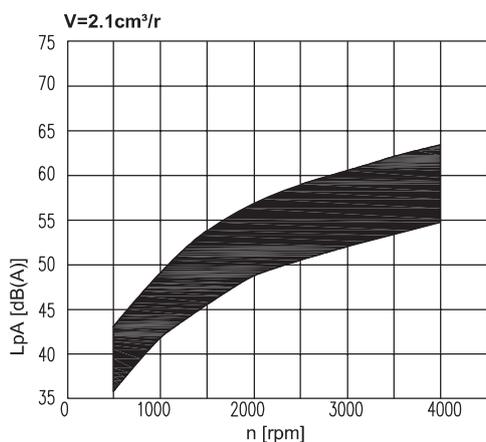
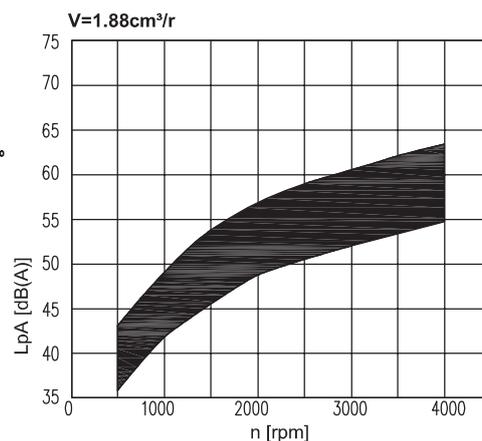
Oil data: $V = 32 \text{ mm}^2/\text{s}$, $\theta = 50^\circ\text{C}$.

对于从吸声测量室测得的噪音值进行计算而得到的声音压力等级，符合 DIN 45635 第 26 章的要求。

The sound pressure level obtained by calculating the noise value measured from the sound absorption measuring room meets the requirements of Chapter 26 of DIN 45635.

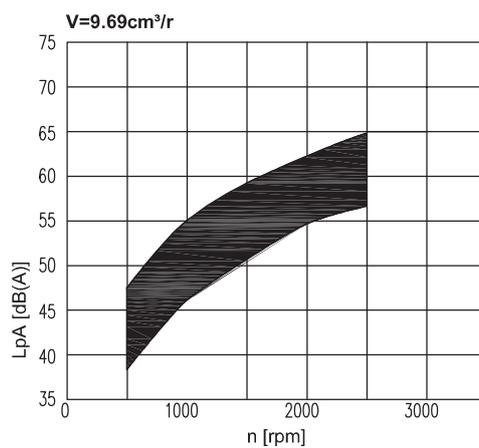
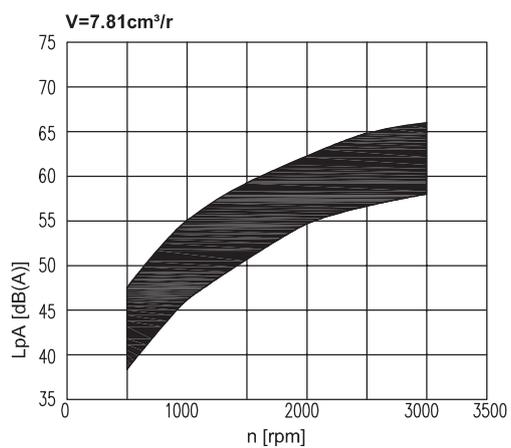
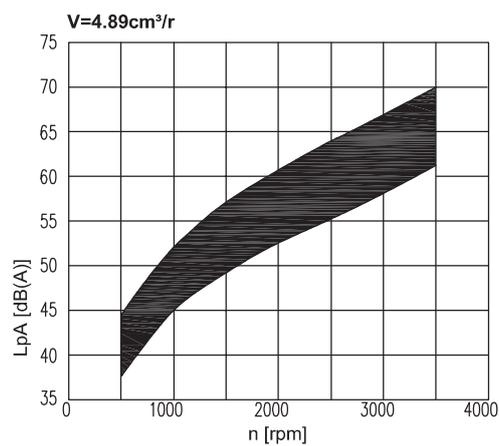
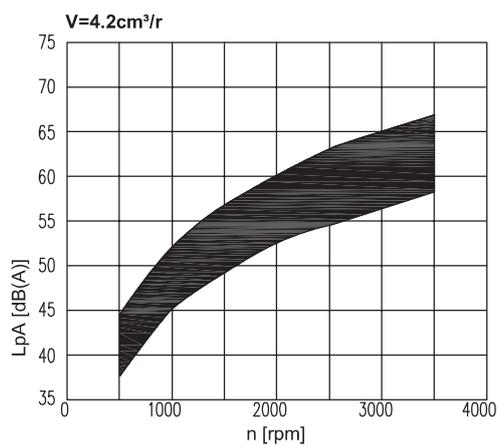
测量传感器与液压泵之间的距离: 1 米。

Distance between measuring sensor and hydraulic pump: 1m.



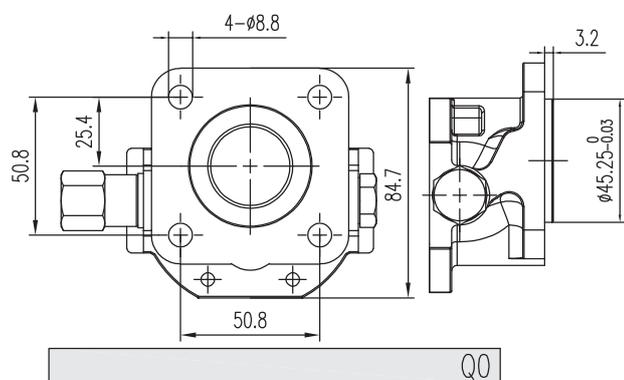
1.3系列/Group 1.3

1.3系列噪音曲线表/Group 1.3 Noise Curve Table

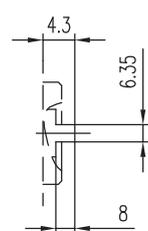


1.3系列/Group 1.3

前盖/Front COVER

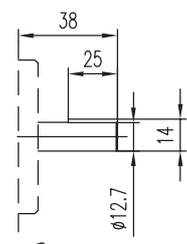


轴伸/SHAFTS



G0

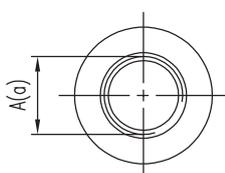
最大扭矩
Max.Torque 50Nm



C0

最大扭矩
Max.Torque 65 Nm

泵体油口/PORTS



O型圈密封
O-ring

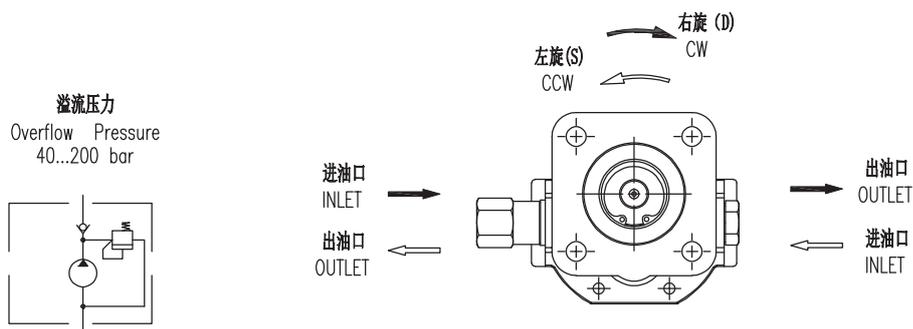
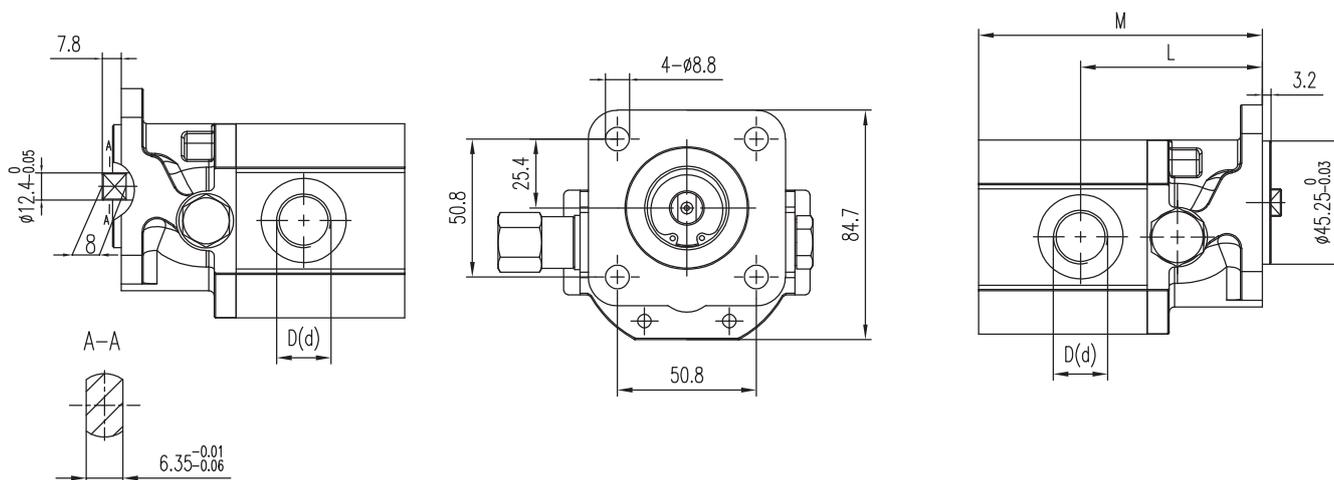
U0/U1

油口代号 PORTS CODE	排量 Displacement (cm ³ /rev)	进油口 INLET	出油口 OUTLET
		A	a
U0	1.88...4.89	3/4-16 UNF	9/16-18 UNF
U1	7.81...9.68	7/8-14 UNF	9/16-18 UNF

1.3系列/Group 1.3

1.3系列标准型产品尺寸/Group 1.3 Standard Product Dimensions

BHP1.3-Q0-D-1.88-G0-U0-YF3-P040



30+10 Nm 9/16-18UNF

55+10 Nm 3/4-16UNF

65+10 Nm 7/8-14UNF

排量 Displacement	最大压力 Max pressure			最高转速 Max. speed	最低转速 Min. speed	重量 Weight	尺寸 Dimensions		油口代码 Oil port code	进油口	出油口
	P1	P2	P3				INLET	OUETLET			
(cm ³ /rev)	bar	bar	bar	(r/min)	(r/min)	Kg	M	L		D	d
1.88	120	175	220	3450	1000	1.7	86	57.5	U0	3/4-16UNF	9/16-18UNF
2.1	120	175	220	3450	1000	1.72	87	57.5	U0	3/4-16UNF	9/16-18UNF
2.6	120	175	220	3450	1000	1.75	88.5	64	U0	3/4-16UNF	9/16-18UNF
3.18	120	175	220	3450	1000	1.79	90.5	64	U0	3/4-16UNF	9/16-18UNF
3.6	120	175	220	3450	1000	1.81	92.2	64	U0	3/4-16UNF	9/16-18UNF
4.2	120	175	220	3450	1000	1.88	94.5	64	U0	3/4-16UNF	9/16-18UNF
4.89	120	175	220	3450	1000	1.92	96.5	64	U0	3/4-16UNF	9/16-18UNF
7.81	80	140	160	3450	1000	209	106.5	71	U1	7/8-14UNF	9/16-18UNF
9.68	80	140	160	3450	1000	2.21	113	71	U1	7/8-14UNF	9/16-18UNF