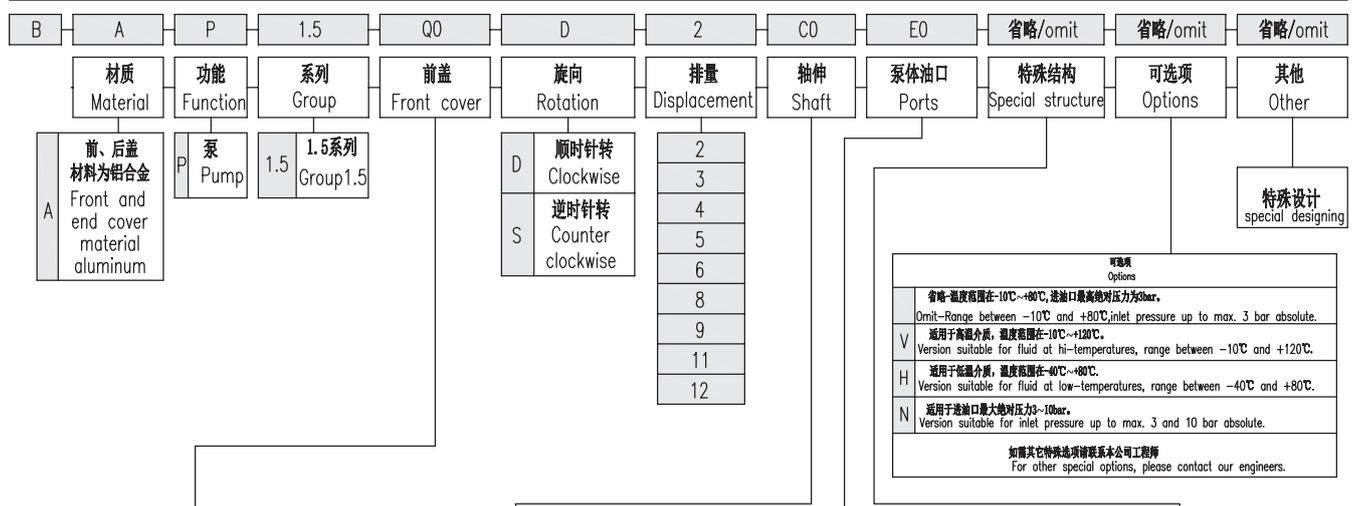
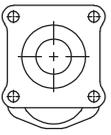
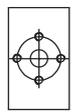
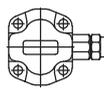


1.5系列/Group 1.5

1.5系列选型规则/Group 1.5 Ordering Code Rules



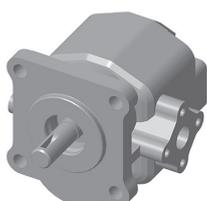
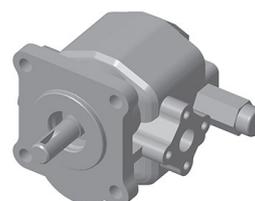
前盖 Front cover	轴伸 Shaft	泵体油口 Ports	特殊结构 Special structure
Q0 方形前盖 (止口 $\phi 50.77$) Square front cover (centering $\phi 50.77$ mm) 	T0 锥形键槽轴 1:8 Taper shaft 1:8 	E 矩形法兰 Rectangular flange 	省略-默认普通 omit-regular YF1 后盖带溢流阀 Back cover with relief valve 
详见 86 页 See page 86 for details	详见 86 页 See page 86 for details	详见 86 页 See page 86 for details	详见 86 页 See page 86 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.

1.5系列/Group 1.5

1.5系列标准型产品概览/Group 1.5 Standard Product Overview

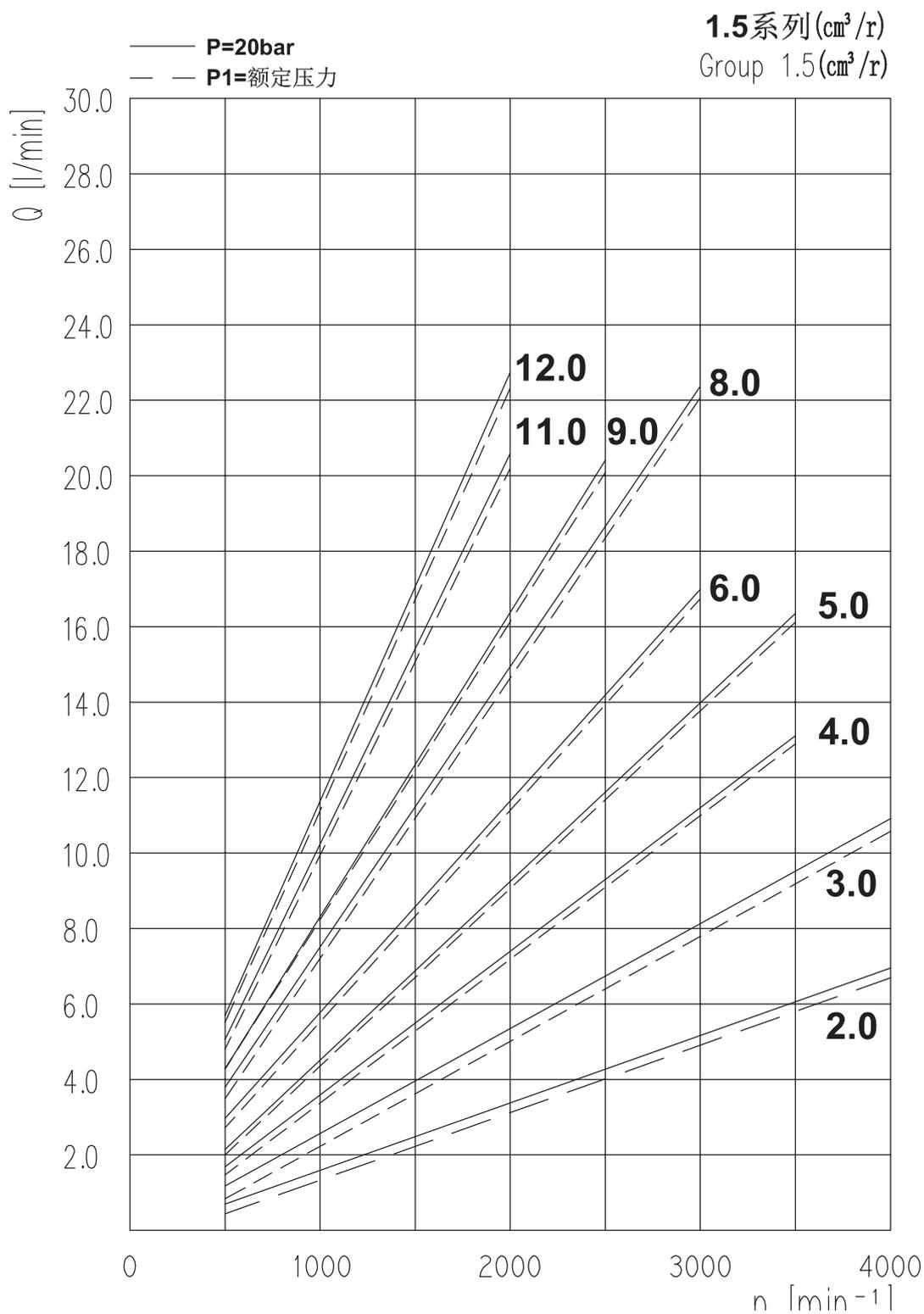
型式 type	 	 
页码 page	87	88

1.5系列排量参数表/Group 1.5 Displacement parameter table

排量 Displacement	V	cm ³ /rev	2	3	4	5	6	8	9	11	12
吸油绝对压力 Suction absolute pressure	Pe	bar	0.7...3								
最高连续压力 Max. continuous pressure	P1		210						180		
最高间隙压力 Max. intermittent pressure	P2		230						200		
最高峰值压力 Max. peak pressure	P3		250						220		
最低转速 Min. speed	n_{min}	r/min	900	850	800		700	600	550	500	
最高转速 Max. speed	n_{max}		5000		4500	4000	3500	3000	2500	2000	
容积效率 Volumetric efficiency	η_v	%	>91				>92			>93	

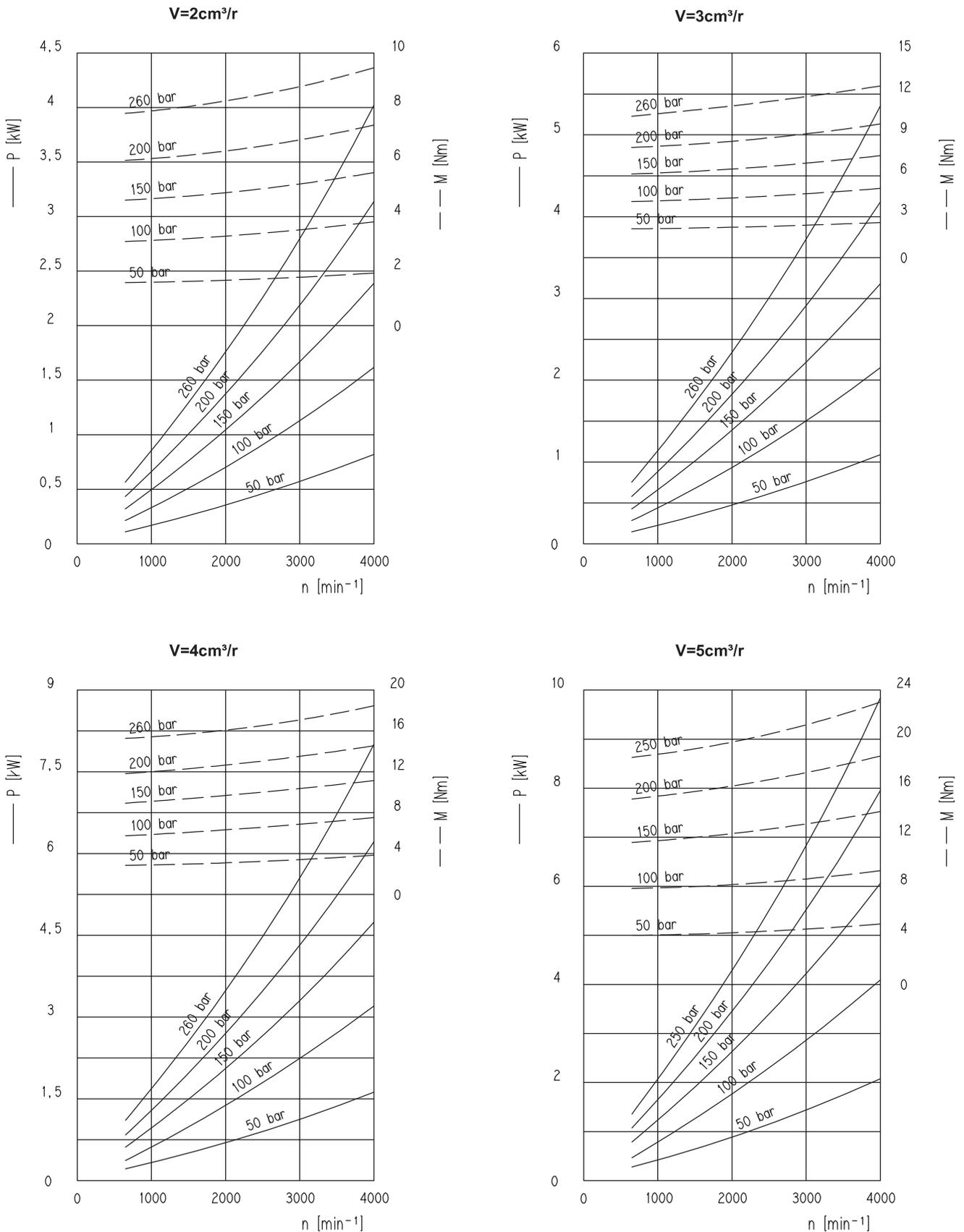
1.5系列/Group 1.5

1.5系列流量性能曲线表/Group 1.5 Flow Performance Curve Table



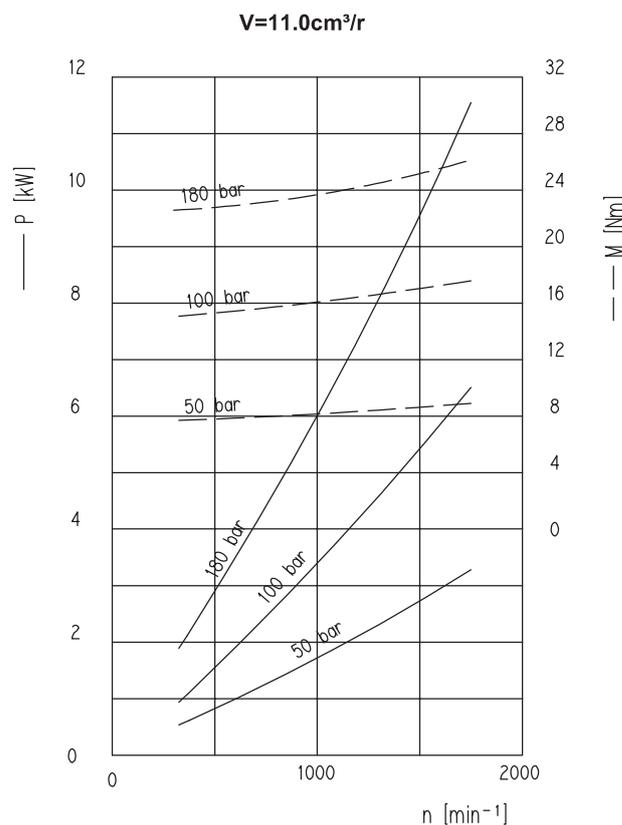
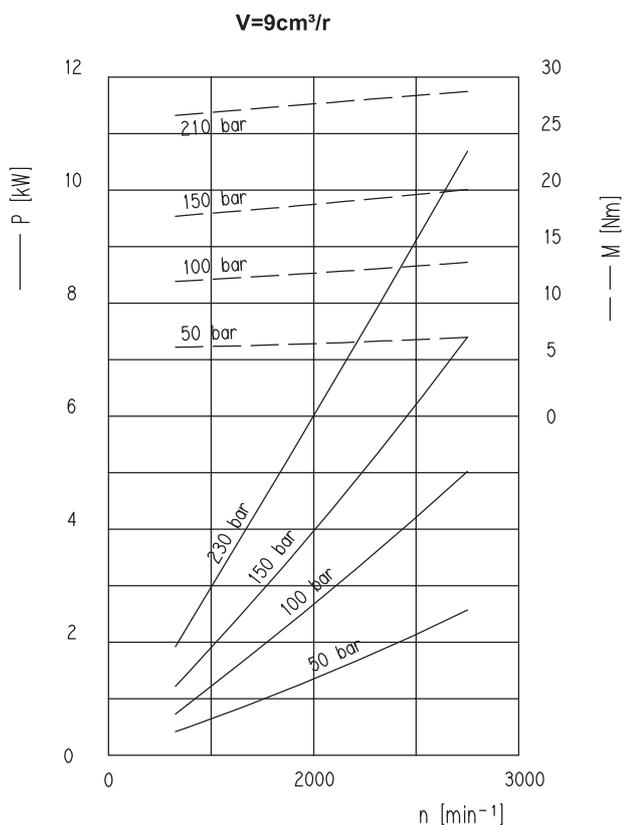
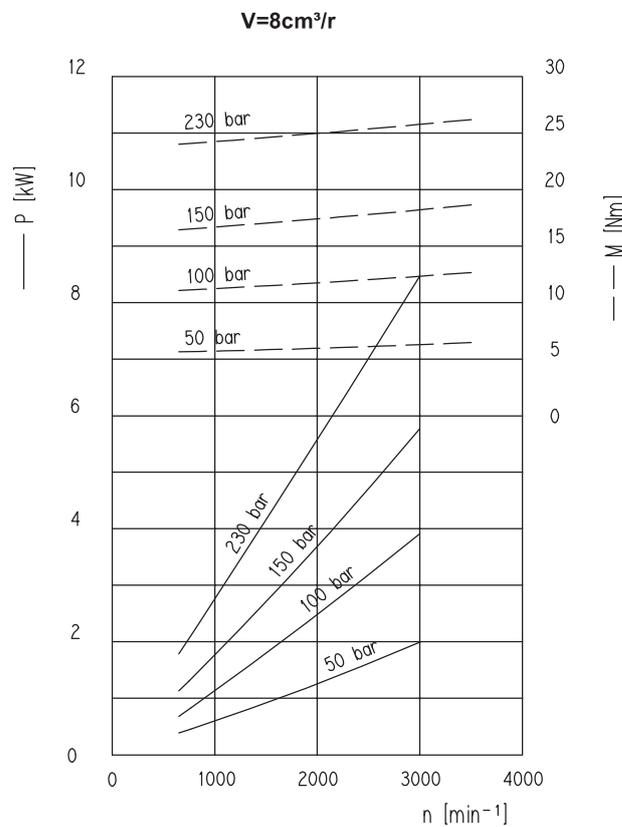
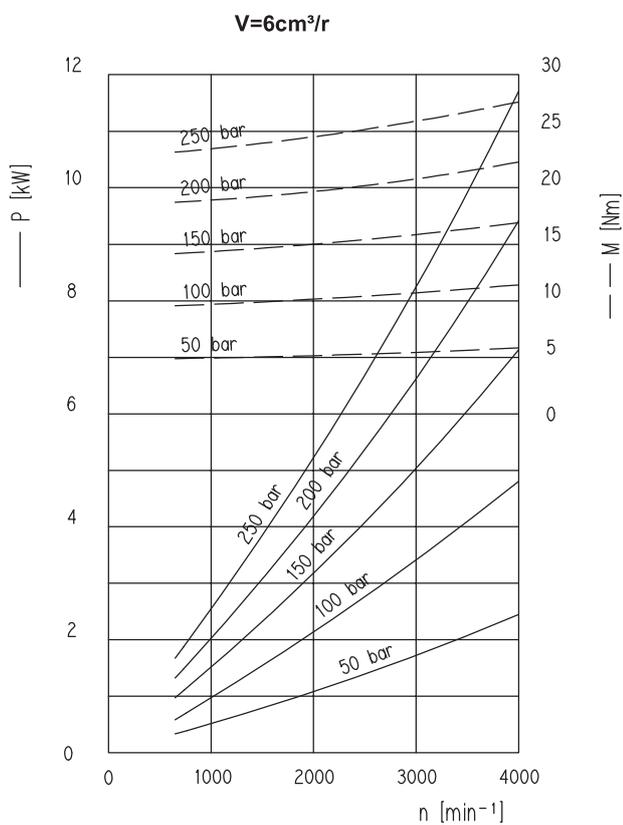
1.5系列/Group 1.5

1.5系列功率性能曲线表/Group 1.5 Power Performance Curve Table



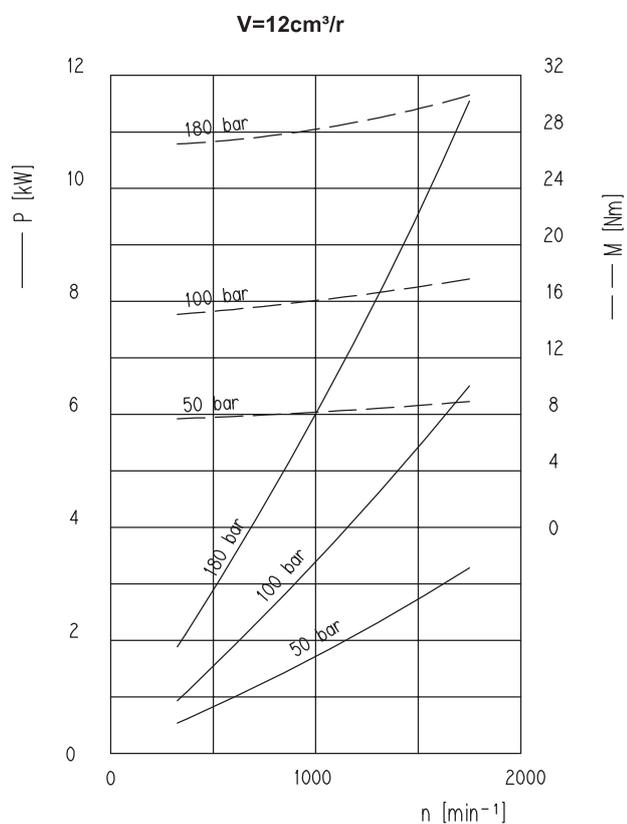
1.5系列/Group 1.5

1.5系列功率性能曲线表/Group 1.5 Power Performance Curve Table



1.5系列/Group 1.5

1.5系列功率性能曲线表/Group 1.5 Power Performance Curve Table



1.5系列/Group 1.5

1.5系列噪音曲线表/Group 1.5 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: $v = 32 \text{ mm}^2/\text{s}$, $\vartheta = 50^\circ\text{C}$.

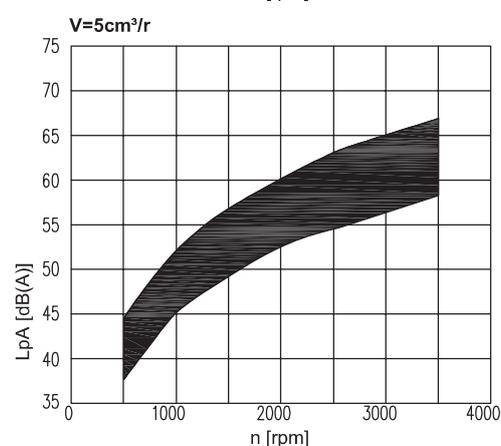
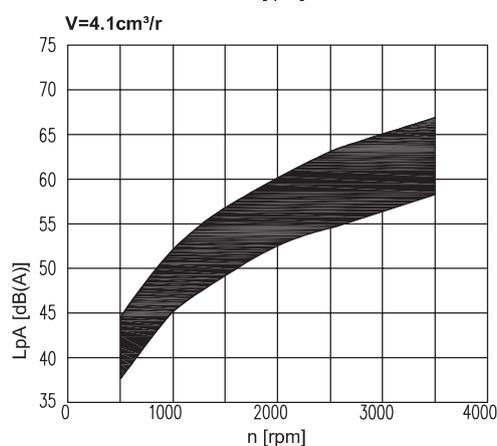
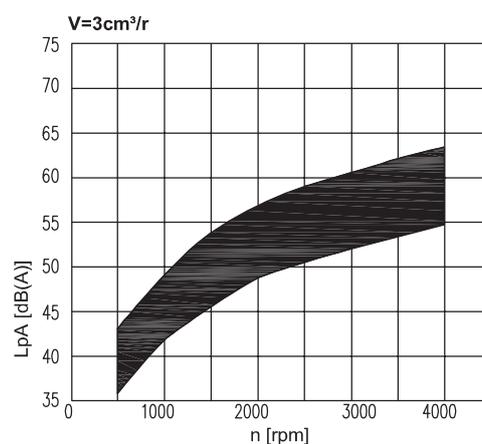
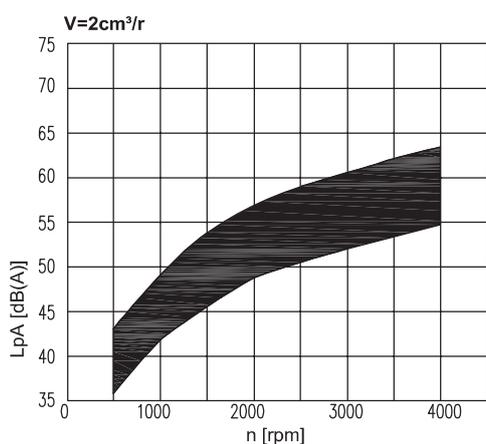
Oil data: $V = 32 \text{ mm}^2/\text{s}$, $\vartheta = 50^\circ\text{C}$.

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.

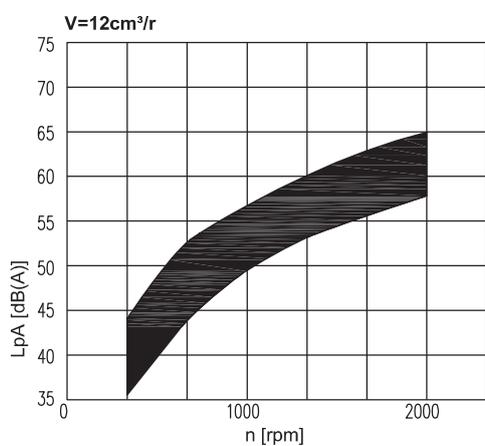
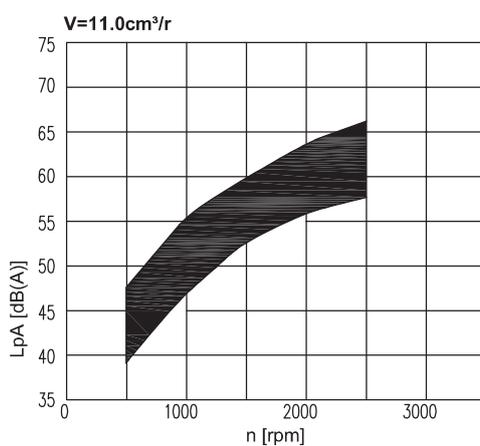
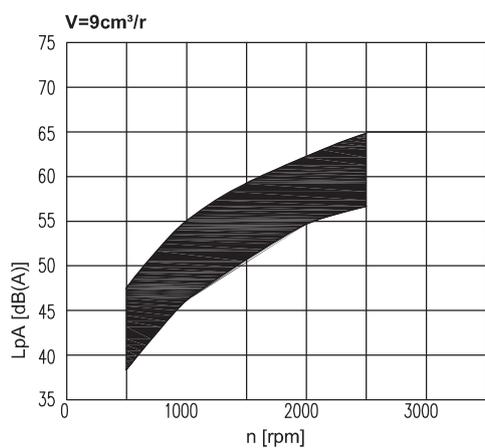
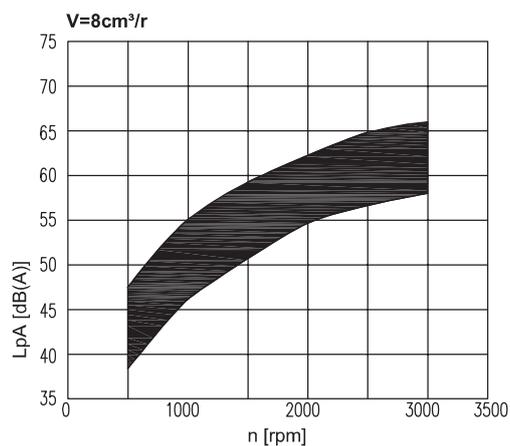
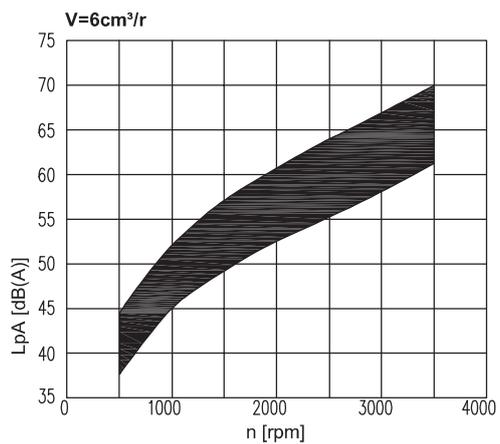
测量传感器与液压泵之间的距离：1 米。

Distance between measuring sensor and hydraulic pump: 1m.



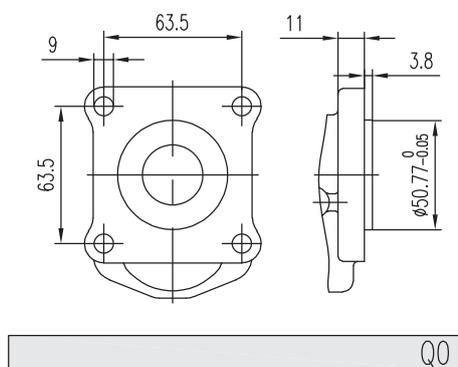
1.5系列/Group 1.5

1.5系列噪音曲线表/Group 1.5 Noise Curve Table



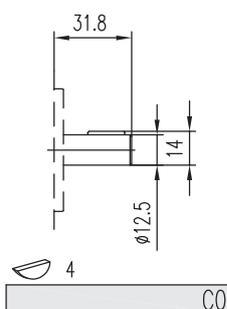
1.5系列/Group 1.5

前盖/Front COVER



Q0

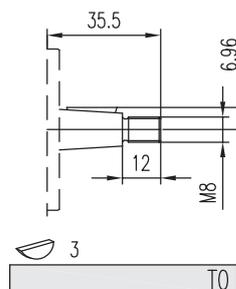
轴伸/SHAFTS



4

C0

最大扭矩
Max.Torque 60 Nm

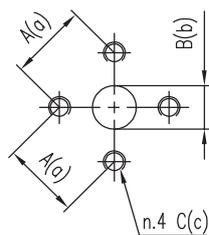


3

T0

最大扭矩
Max.Torque 100 Nm

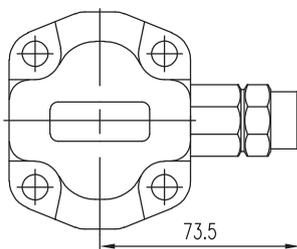
泵体油口/PORTS



E0

油口代号 PORTS CODE	排量 Displacement (cm ³ /rev)	进油口 INLET			出油口 OUTLET		
		A	B	C	a	b	c
E0	2...12	25.2	14.5	M6	25.2	14.5	M6

特殊结构/SPECIAL STRUCTRE



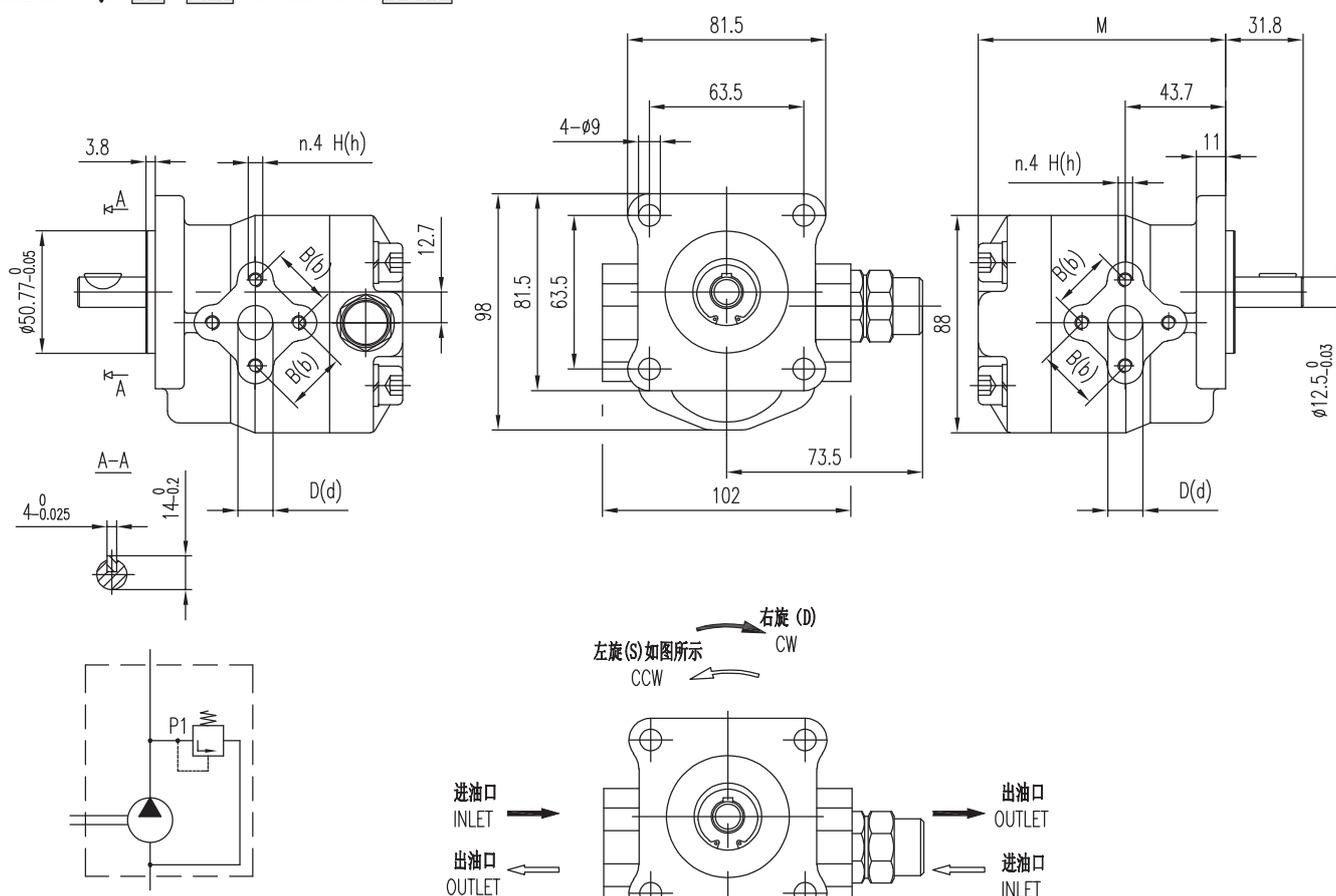
YF1

代号 CODE	溢流阀调压范围 Pressure regulating range of overflow valve
YF1	20...250(bar)

1.5系列/Group 1.5

1.5系列标准型产品尺寸/Group 1.5 Standard Product Dimensions

BAP1.5-Q0-D-2.0-C0-E0-YF1-P100



溢流阀
卸压流量回到吸油口。
控制压力 P=20...250bar。
Pressure relief valve.
Discharge returned to suction.
P=20...250 bar.

M6 10+1 Nm

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 INLET			出油口 OUTLET		
	P1	P2	P3						B	D	H	b	d	h
(cm ³ /rev)	bar	bar	bar	(r/min)	(r/min)	Kg	mm		mm	mm		mm	mm	
2	210	230	250	5000	900	1.55	96.7	E0	25.2	14.5	M6	25.2	14.5	M6
3	210	230	250	5000	850	1.57	96.7	E0	25.2	14.5	M6	25.2	14.5	M6
4	210	230	250	4500	800	1.6	96.7	E0	25.2	14.5	M6	25.2	14.5	M6
5	210	230	250	4000	800	1.63	96.7	E0	25.2	14.5	M6	25.2	14.5	M6
6	210	230	250	3500	700	1.65	99.7	E0	25.2	14.5	M6	25.2	14.5	M6
8	210	230	250	3000	600	1.7	99.7	E0	25.2	14.5	M6	25.2	14.5	M6
9	180	200	220	2500	550	1.72	102.7	E0	25.2	14.5	M6	25.2	14.5	M6
11	180	200	220	2000	500	1.77	105.7	E0	25.2	14.5	M6	25.2	14.5	M6
12	180	200	220	2000	500	1.82	105.7	E0	25.2	14.5	M6	25.2	14.5	M6