QGB Ⅱ—Z QGB Ⅱ—ZK 制动气缸

QGB II–Z QGB II–ZK BRAKING CYLINDER

* 气缸带动负载可以在行程中间任意位置停止，因此可以用于气缸定程和行程调整。定位精度高。

* QGB Ⅱ—ZK 为带磁性开关制动气缸。均有六种安装形式。

* 制动气缸的使用方法与普通气缸控制回路不同，推荐使用平衡回路。

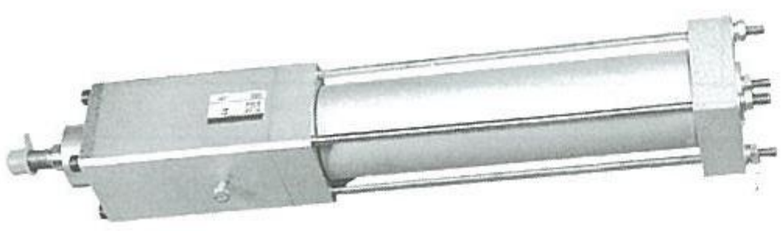
以下几种平衡回路供使用时考虑。

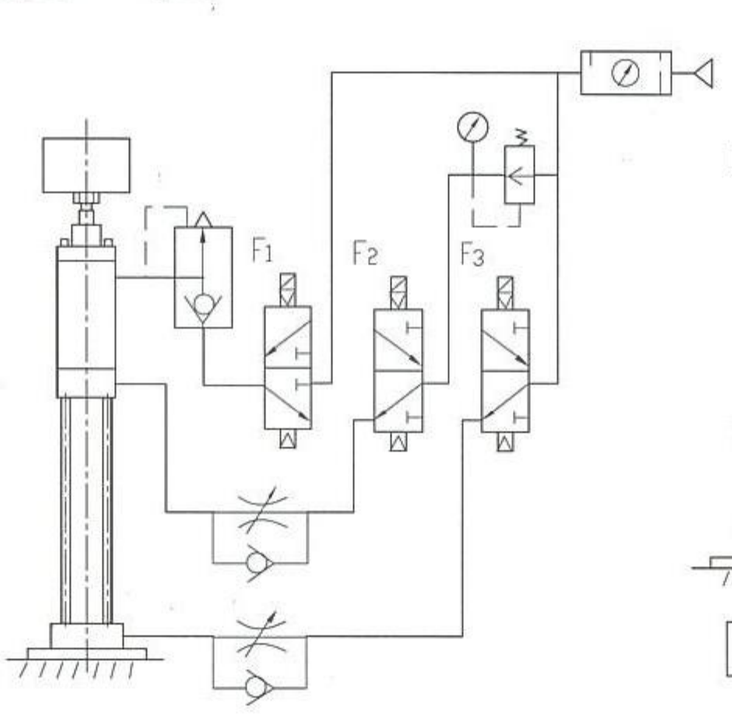
The air cylinder with load could stop at any position of the stroke, thus you can use this cylinder for controlling and adjusting the stroke. The position’s confirming precision is high.

QGB II–ZK is the braking air cylinder with magnetic switches. It has six mounting styles.

Using of the braking air cylinder is different from the common air cylinder. It’s better to choose the balance controlling loop.

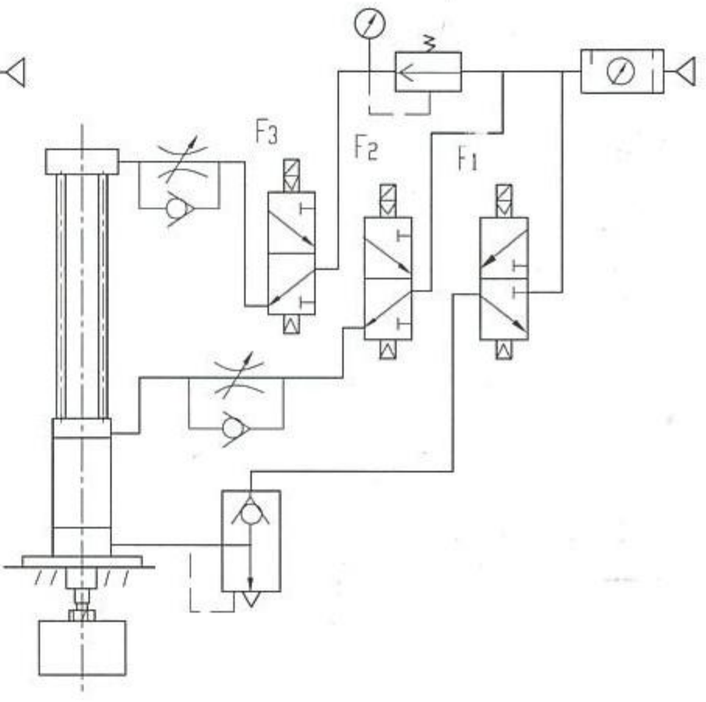
We have supported several balance controlling loops for you as follows





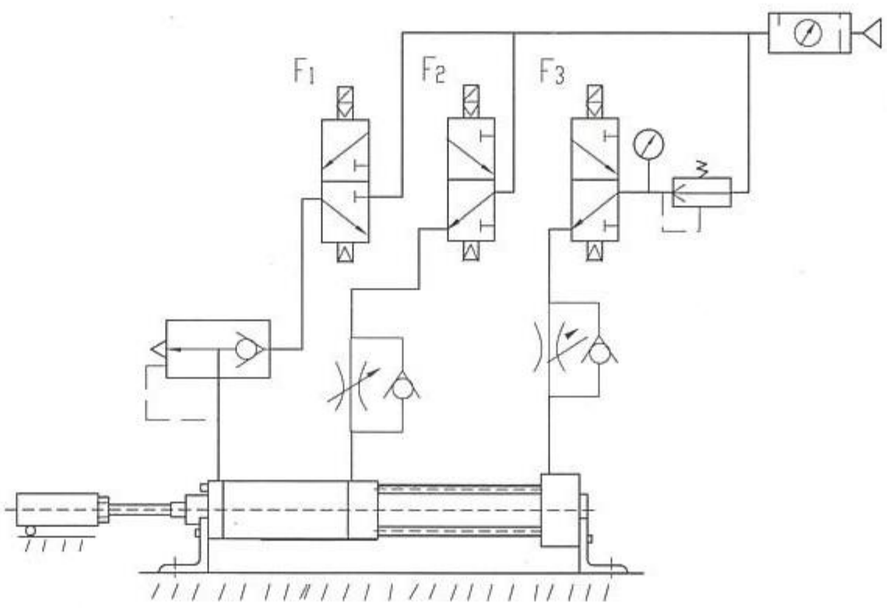
图一 负载向上的场合

Load on the top



图二 负载向下的场合

load at the bottom



图三 负载左右移动的场合

The load moved left and right

型号标注/Model code

QGB Ⅱ	—	Z	D	×	S	—	
基本系列		制动气缸系列	缸径		行程		安装形式
Basic series		braking series	Bore		stroke		mounting style

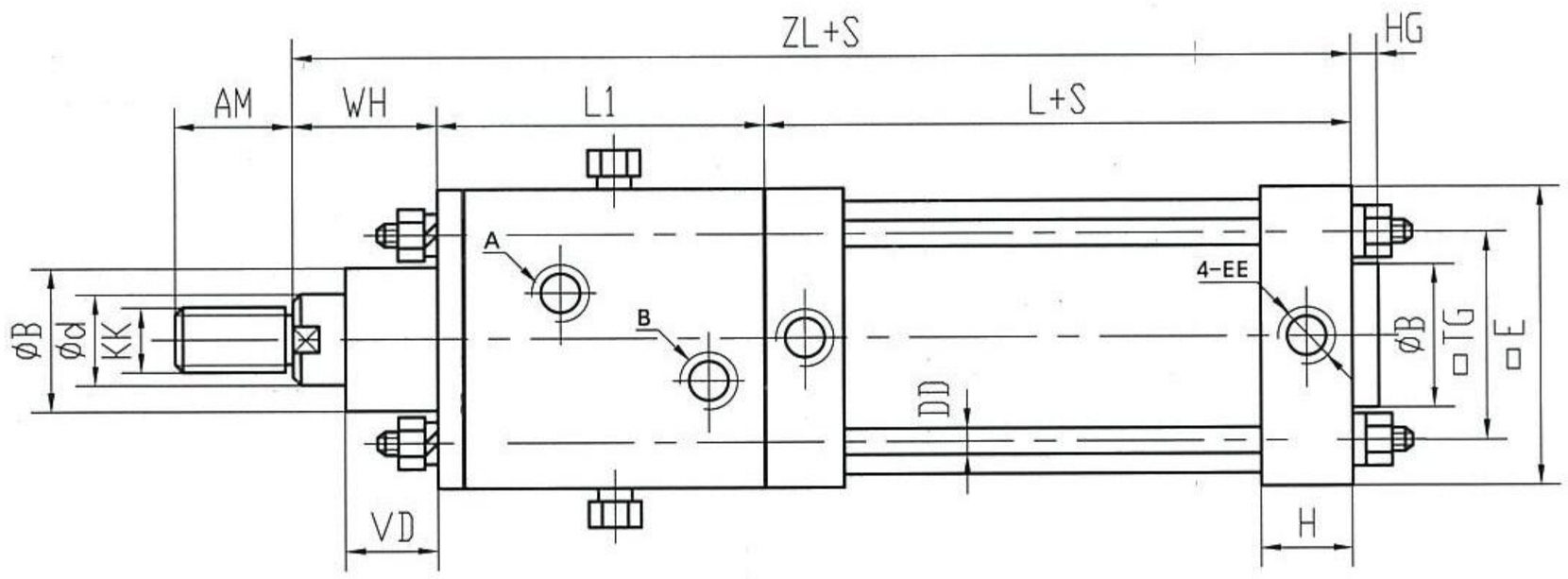
基本参数/Basic parameter

指标/index \ 缸径/bore		40	50	63	80	100
活塞理论输出力(以0.4MPa计算)N The academic output force (counting with 0.4Mpa)	推力/Push	502	785	1247	2010	3141
	拉力/pull	422	660	1121	1814	2945
夹紧力(最大搬物力)N/Clamp fore		340	530	850	1380	2150

最大工作压力 Max working pressure	制动装置松放压力 release pressure of braking	使用环境温度 Working temperature		最大使用速度 Max working speed	重复定位精度 Repeat confirming position precision	制动方向 Braked Direction
		QGB Ⅱ—Z	QGB Ⅱ—ZK			
1MPa	>0.35MPa	-25 ~ +80℃(在不冻结条件下)nonfreezing condition	-20 ~ +60℃(在不冻结条件下)nonfreezing condition	300mm/s	± 1.5mm	双向 Two-way

注：详细数据请参看说明书

Note: please read the reference book for particular parameter.



注: A 口为开锁进气口；B 口为呼吸口，加消声器。

Note: A port is the unlocked input port; B port is the breathing port, connecting with muffler.

缸径 bore / 代号 code	KK	AM	∅d	ZL	L	L_1	B	DD	HG	E	TG	EE	VD	WH
40	M12 × 1.25	24	16	257	105	123	34	M6	3	55	40	G1/4″	17	29
50	M16 × 1.5	32	20	278	110	133	45	M6	3	65	48	G1/4″	23	35
63	M16 × 1.5	32	20	300	121	141	45	M8	3	80	60	G3/8″	23	38
80	M20 × 1.5	40	25	327	128	165	55	M10	4	100	75	G3/8″	19	34
100	M20 × 1.5	40	25	343	138	168	55	M10	4	115	90	G1/2″	19	37