



注: (不带控制盖板)
Note: (without control cover plate)

ZY	-	LC		DB		A	/			
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通径16(7X系列)	=16
通径25(7X系列)	=25
通径32(7X系列)	=32
通径40(7X系列)	=40
通径50(7X系列)	=50
通径63(7X系列)	=63
通径80(6X系列)	=80
通径100(6X系列)	=100

无代码= 丁腈橡胶密封 Buna-N seal
V= 氟橡胶密封 Viton seal
其他密封请咨询 For other seals, please consult

6X= 系列6X(通径80和100)
系列60-69;60至69:安装、连接尺寸不变
7X= 系列7X(通径16至63)
系列70-79;70至79:安装、连接尺寸不变

无代码= 不带柔性密封 Without flexible seal
S= 带柔性密封 With flexible seal

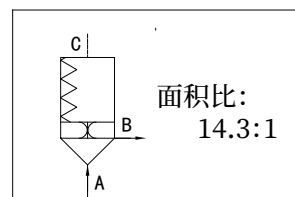
A = Seat valve with restrictor

A= 座阀带节流器

机能符号:Function symbol:

座阀带节流器..A"型

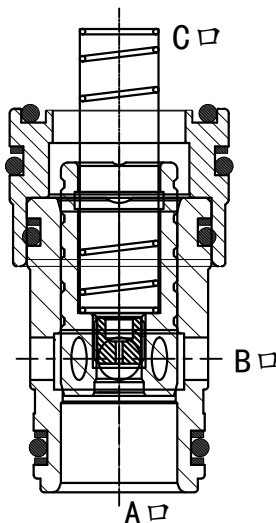
Seat valve with restrictor.. A "



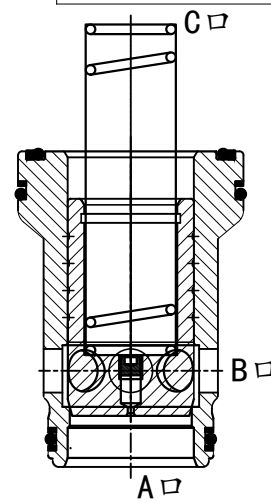
开启压力大约0bar(不带弹簧)=0	00
开启压力大约0.5bar=05	05
开启压力大约1.0bar=10	10
开启压力大约2.0bar=20	20
开启压力大约3.0bar=30	30
开启压力大约4.0bar=40	40
开启压力大约5.0bar=50	50

The opening pressure is about

额定流量 (Rated flow):($\Delta P \leq 0.5\text{MPa}$)
ZY-LC-16-DB**A-7X/NS: 175L/min
ZY-LC-25-DB**A-7X/NS: 300L/min
ZY-LC-32-DB**A-7X/NS: 450L/min
ZY-LC-40-DB**A-7X/NS: 700L/min
ZY-LC-50-DB**A-7X/NS: 1400L/min
ZY-LC-63-DB**A-7X/NS: 1750L/min
ZY-LC-80-DB**A-7X/NS: 3200L/min
ZY-LC-100-DB**A-7X/NS: 5000L/min



16-32通径结构图



40-100通径结构图

16-32 drift diameter structure diagram 40-100 drift diameter structure diagram

压力介质Pressure medium	矿物油(HL.HLP)按DIN 515241)1/ 可生物分解压力介质VDMA245681)/ HETG(菜籽油)1)/ HEPG(聚乙二醇)2)/ HEES(合成脂)2)/ ;其他流体按要求								
1)/ 适宜丁腈橡胶和氟橡胶密封 1)/ suitable for NBR and Viton seals 2)/ 仅适用氟橡胶密封 2)/ Viton seal only									
压力介质温度范围 °C Temperature range of pressure medium	-30至+80°C(适用于丁腈橡胶密封) Buna-N seal -20至+80°C(适用于氟橡胶密封) Viton seal								
粘度范围(Viscosity range) mm2/ s	2.8至380								
油液清洁度(Fluid cleanliness)	油液最高允许污染度等级按AS1638 9级和ISO4406 20/18/15级								
最高工作压力(Max working pressure) bar	420								
最大流量(推荐)Max flow 通径	16	25	32	40	50	63	80	100	
插装座阀(Cartridge seated valve)..A" L/min	300	450	600	1000	1600	2500	4500	7000	



注: (不带控制盖板)
Note: (without control cover plate)

ZY	-	LC		DB		E	/			
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通径16(7X系列)	=16
通径25(7X系列)	=25
通径32(7X系列)	=32
通径40(7X系列)	=40
通径50(7X系列)	=50
通径63(7X系列)	=63
通径80(6X系列)	=80
通径100(6X系列)	=100

开启压力大约0bar(不带弹簧)=0	00
开启压力大约0.5bar=05	05
开启压力大约1.0bar=10	10
开启压力大约2.0bar=20	20
开启压力大约3.0bar=30	30
开启压力大约4.0bar=40	40
开启压力大约5.0bar=50	50

The opening pressure is about

额定流量(Rated flow):($\Delta P \leq 0.5\text{MPa}$)
ZY-LC-16-DB**E-7X/NS: 175L/min
ZY-LC-25-DB**E-7X/NS: 300L/min
ZY-LC-32-DB**E-7X/NS: 450L/min
ZY-LC-40-DB**E-7X/NS: 700L/min
ZY-LC-50-DB**E-7X/NS: 1400L/min
ZY-LC-63-DB**E-7X/NS: 1750L/min
ZY-LC-80-DB**E-7X/NS: 3200L/min
ZY-LC-100-DB**E-7X/NS: 5000L/min

无代码= 丁腈橡胶密封 Buna-N seal
V= 氟橡胶密封 Viton seal
其他密封请咨询 For other seals, please consult

6X= 系列6X(通径80和100)
系列60-69;60至69:安装、连接尺寸不变
7X= 系列7X(通径16至63)
系列70-79;70至79:安装、连接尺寸不变

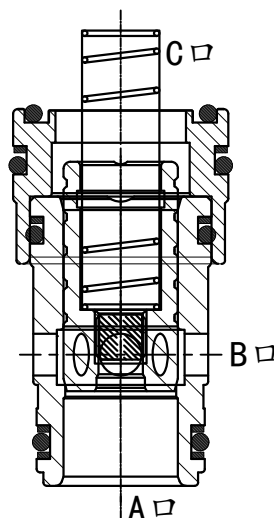
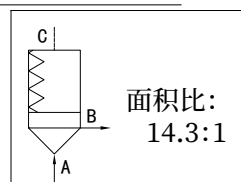
无代码= 不带柔性密封 Without flexible seal
S= 带柔性密封 With flexible seal

E = seat valve without restrictor
E= 座阀不带节流器

机能符号:Function symbol:

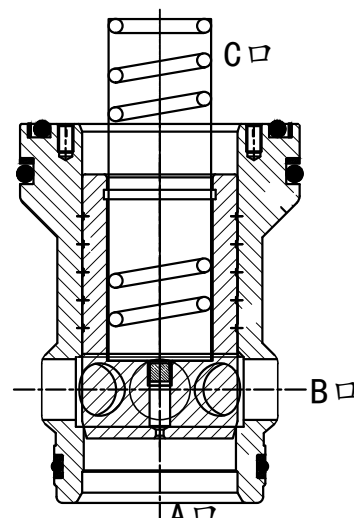
座阀不带节流器..E"型

Seat valve without restrictor.. Type E



16-32通径结构图

16-32 drift diameter structure diagram



40-100通径结构图

40-100 drift diameter structure diagram

压力介质Pressure medium 1)/ 适宜丁腈橡胶和氟橡胶密封 1)/ suitable for NBR and Viton seals 2)/ 仅适用氟橡胶密封 2)/ Viton seal only	矿物油(HL.HLP)按DIN 515241)1)/ 可生物分解压力介质VDMA245681)/ HETG(菜籽油)1)/ HEPG(聚乙二醇)2)/ HEES(合成脂)2)/ ；其他流体按要求							
压力介质温度范围								

ZY	-	LC		DB		B 		
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注:(不帶控制盖板)

Note: (without control cover plate)

通径16(7X系列)	=16
通径25(7X系列)	=25
通径32(7X系列)	=32
通径40(7X系列)	=40
通径50(7X系列)	=50
通径63(7X系列)	=63
通径80(6X系列)	=80
通径100(6X系列)	=100

无代码= 丁腈橡胶密封 Buna-N seal
V= 氟橡胶密封 Viton seal
其他密封请咨询 For other seals, please consult

6X= 系列6X(通径80和100)
 系列60-69;60至69:安装、连接尺寸不变
 7X= 系列7X(通径16至63)
 系列70-79;70至79:安装、连接尺寸不变

无代码=	不带柔性密封	Without flexible seal
S=	带柔性密封	With flexible seal

B= Seated spool valve with restrictor
B= 座式滑阀带节流器

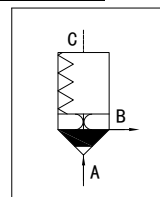
机能符号:Function symbol:

座式滑阀不带节流器..B"型

面积比:14.3:1

Seated spool valve without restrictor.. Type B

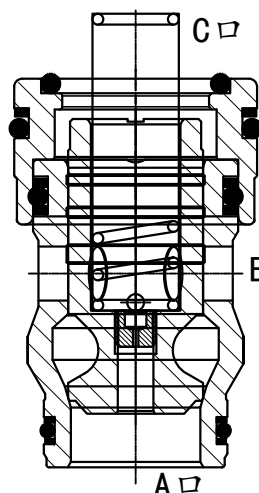
Area ratio: 14.3: 1



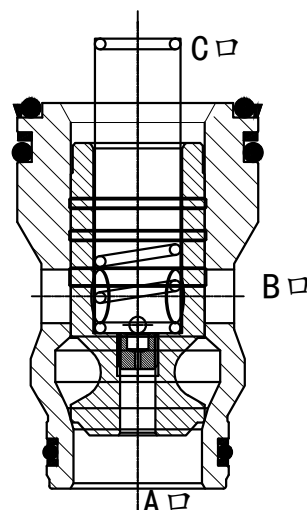
The opening pressure is about

额定流量(Rated flow):($\Delta P \leq 0.5\text{MPa}$)

ZY-LC-16-DB**B-7X/NS: 120L/min
ZY-LC-25-DB**B-7X/NS: 300L/min
ZY-LC-32-DB**B-7X/NS: 450L/min
ZY-LC-40-DB**B-7X/NS: 700L/min
ZY-LC-50-DB**B-7X/NS: 1400L/min
ZY-LC-63-DB**B-7X/NS: 1750L/min
ZY-LC-80-DB**B-7X/NS: 3200L/min
ZY-LC-100-DB**B-7X/NS: 5000L/min



16-32通径结构图



40-100通径结构图

16-32 drift diameter structure diagram

40-100 drift diameter structure diagram

压力介质Pressure medium	矿物油(HL.HLP)按DIN 51524)1)/ 可生物分解压力介质VDMA245681)/ HETG(菜籽油)1)/ HEPG(聚乙二醇)2)/ HEES(合成脂)2)/ ;其他流体按要求							
压力介质温度范围 °C Temperature range of pressure medium	-30至+80°C(适用于丁腈橡胶密封)Buna-N seal -20至+80°C(适用于氟橡胶密封)Viton seal							
粘度范围(Viscosity range) mm2/ s	2.8至380							
油液清洁度(Fluid cleanliness)	油液最高允许污染度等级按AS1638 9级和ISO4406 20/18/15级							
最高工作压力(Max working pressure) bar	420							
最大流量(推荐)Max flow 通径	16	25	32	40	50	63	80	100
插装座阀(Cartridge seated valve) ..A" L/min	175	300	450	700	1400	1750	3200	4900

注: (不带控制盖板)
Note: (without control cover plate)

ZY	-	LC		DB		D 		
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通径16(7X系列)	=16
通径25(7X系列)	=25
通径32(7X系列)	=32
通径40(7X系列)	=40
通径50(7X系列)	=50
通径63(7X系列)	=63
通径80(6X系列)	=80
通径100(6X系列)	=100

开启压力大约0bar(不带弹簧)=0	00
开启压力大约0.5bar=05	05
开启压力大约1.0bar=10	10
开启压力大约2.0bar=20	20
开启压力大约3.0bar=30	30
开启压力大约4.0bar=40	40
开启压力大约5.0bar=50	50

The opening pressure is about

额定流量(Rated flow):($\Delta P \leq 0.5\text{MPa}$)
 ZY-LC-16-DB**D-7X/NS: 120L/min
 ZY-LC-25-DB**D-7X/NS: 300L/min
 ZY-LC-32-DB**D-7X/NS: 450L/min
 ZY-LC-40-DB**D-7X/NS: 700L/min
 ZY-LC-50-DB**D-7X/NS: 1400L/min
 ZY-LC-63-DB**D-7X/NS: 1750L/min
 ZY-LC-80-DB**D-7X/NS: 3200L/min
 ZY-LC-100-DB**D-7X/NS: 5000L/min

无代码= 丁腈橡胶密封 Buna-N rubber seal
V= 氟橡胶密封 Viton seal
其他密封请咨询 For other seals, please consult

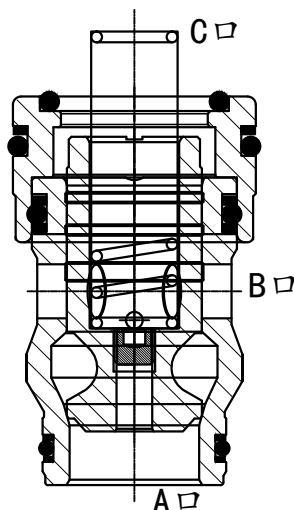
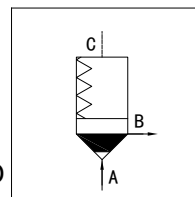
6X= 系列6X(通径80和100)
 系列60-69;60至69:安装、连接尺寸不变
 7X= 系列7X(通径16至63)
 系列70-79;70至79:安装、连接尺寸不变

无代码=	不带柔性密封	Without flexible seal
S=	带柔性密封	With flexible seal

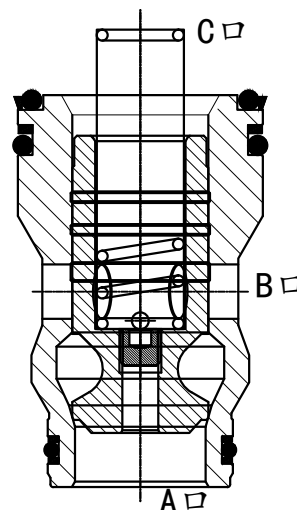
D= seated spool valve without restrictor
D= 座式滑阀不带节流器

机能符号:Function symbol:
座式滑阀不带节流器..D"型
面积比:14.3:1

Seated spool valve without restrictor.. Type D
Area ratio: 14.3: 1



16-32 通径结构图



40-100通径结构图

16-32 drift diameter structure diagram 40-100 drift diameter structure diagram

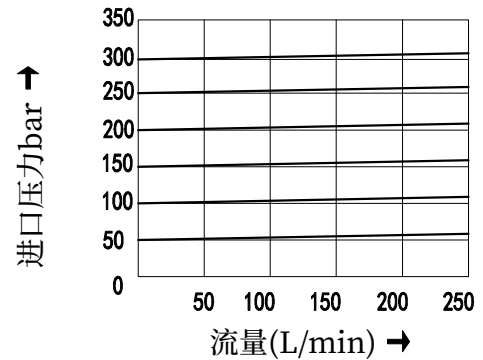
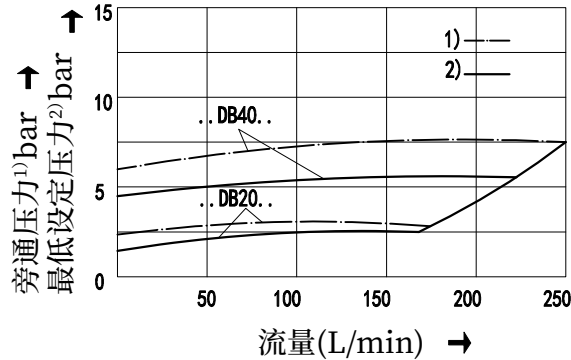
压力介质Pressure medium 1)/ 适宜丁腈橡胶和氟橡胶密封 1)/ suitable for NBR and Viton seals 2)/ 仅适用氟橡胶密封 2)/ Viton seal only	矿物油(HL.HLP)按DIN 51524)1)/ 可生物分解压力介质VDMA245681)/ HETG(菜籽油)1)/ HEPG(聚乙二醇)2)/ HEES(合成脂)2)/ ;其他流体按要求							
压力介质温度范围								

性能曲线 规格16 (在使用HLP46, $t=40^{\circ}\text{C}\pm 5^{\circ}\text{C}$ 测得)

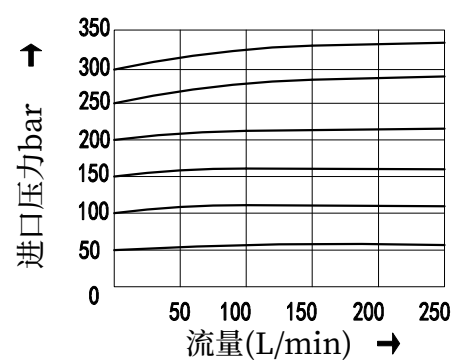
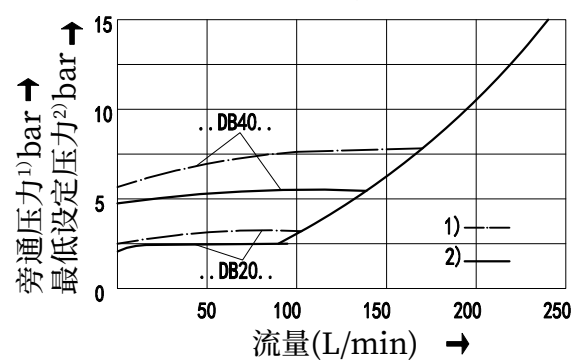
Performance curve specification 16 (measured with HLP46, $t = 40^{\circ}\text{C} \pm 5^{\circ}\text{C}$)

该性能曲线在先导控制油无压外泄时测得。先导控制油内泄时, 进口压力随着B口增加。手动压力阀: ZY-LFA16DB...型和ZY-LFA16DBW...型
This performance curve is measured when there is no pressure leakage of pilot control oil. When the pilot control oil leaks internally, the inlet pressure increases with the B port. Manual pressure valve: ZY-LFA16DB.. Type and ZY-LFA16DBW.. Type

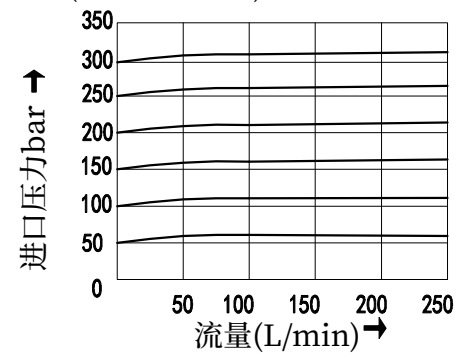
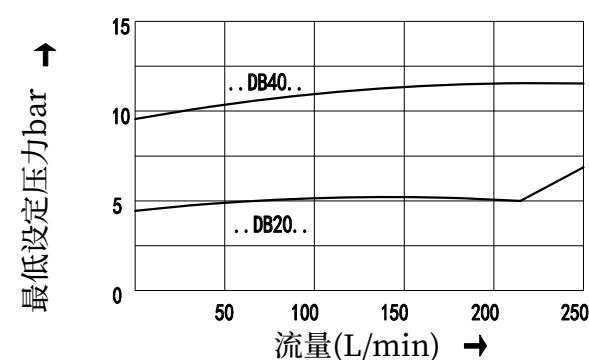
ZY-LC16DB..E...型(带座阀式阀芯);ZY-LC16DB..A...型



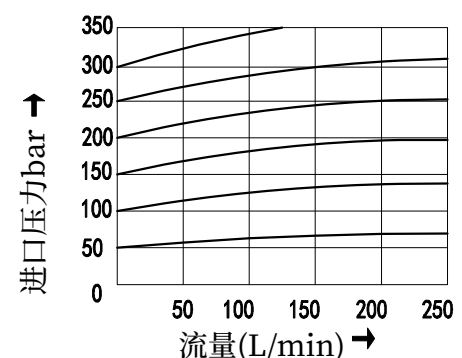
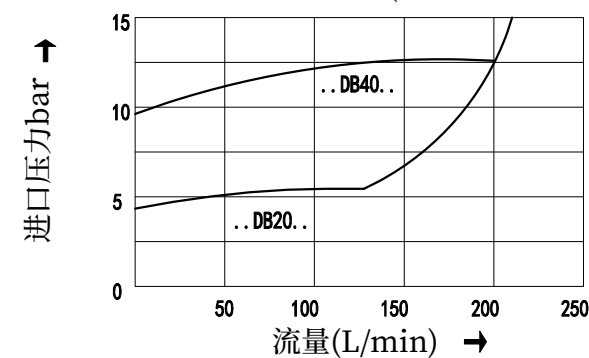
ZY-LC16DB..D ...型(带座阀式滑阀阀芯);ZY-LC16DB..B ...型



电液比例压力调节阀:ZY-LFA16DBE...型.ZY-LC16DB..E...型(带座阀式阀芯)ZY-LC16DB..A...型



ZY-LC16DB..D...型(带座阀式滑阀阀芯);ZY-LC16DB..B...型





性能曲线 规格25 (在使用HLP46, $t=40^{\circ}\text{C}\pm 5^{\circ}\text{C}$ 测得)

Performance curve specification 25 (measured with HLP46, $t = 40^{\circ}\text{C} \pm 5^{\circ}\text{C}$)

该性能曲线在先导控制油无压外泄时测得。先导控制油内泄时, 进口压力随着B口增加。

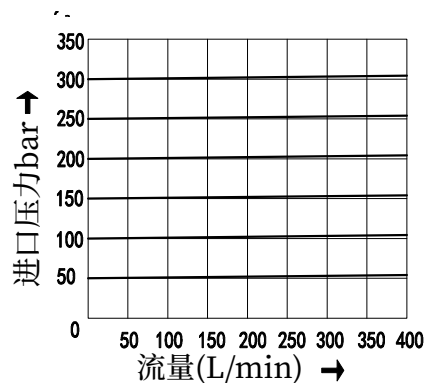
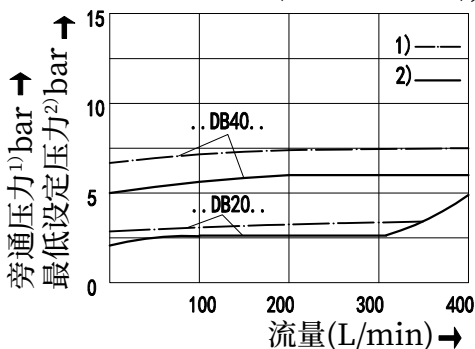
手调压力阀: ZY-LFA25DB...型; ZY-LFA25DB..W...型

This performance curve is measured when there is no pressure leakage of pilot control oil.

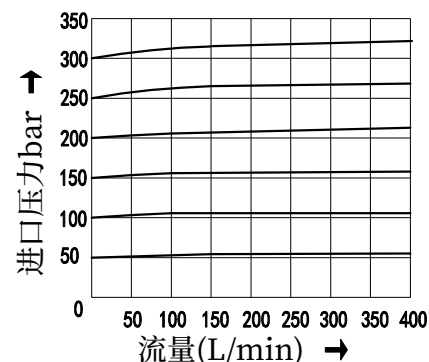
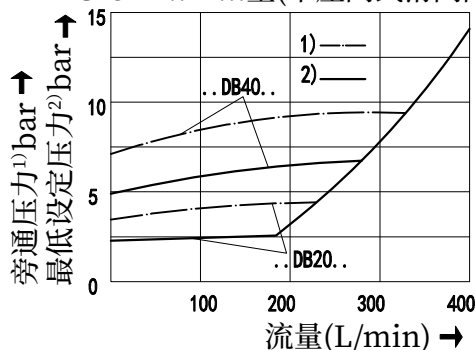
When the pilot control oil leaks internally, the inlet pressure increases with the B port.

Manual pressure valve: ZY-LFA25DB.. Type; ZY-LFA25DB.. W... Type

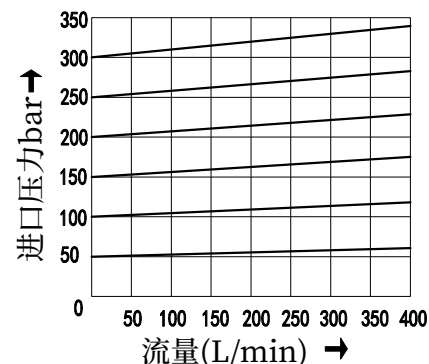
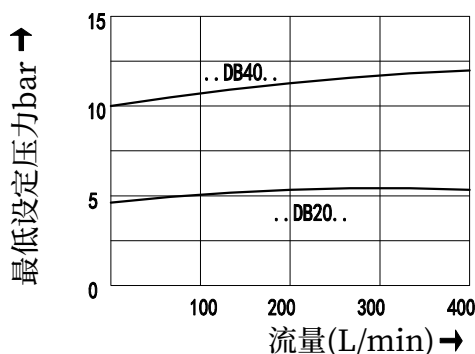
ZY-LC25DB..A ...型(带座阀式阀芯); ZY-LC16DB..E ...型



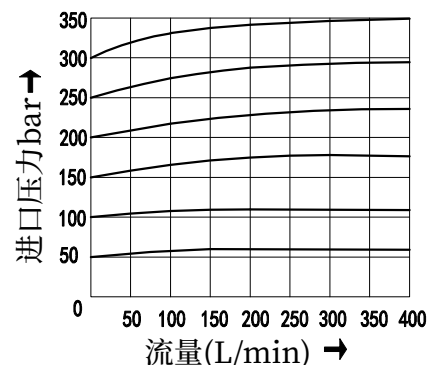
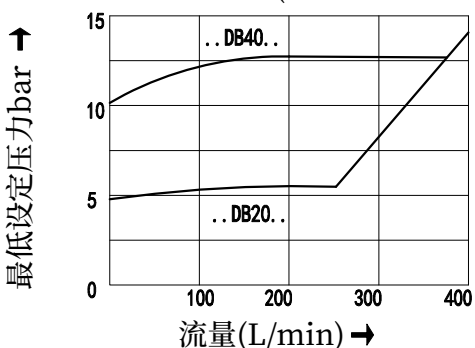
ZY-LC25DB..D ...型(带座阀式滑阀阀芯); ZY-LC25DB..B ...型



电液比例压力调节阀: ZY-LFA25DB..E ...型; ZY-LC25DB..E ...型(带座阀式阀芯); ZY-LC25DB..A ...型



ZY-LC25DB..D ...型(带座阀式滑阀阀芯); ZY-LC25DB..B ...型



性能曲线 规格32 (在使用HLP46, $t=40^{\circ}\text{C}\pm 5^{\circ}\text{C}$ 测得)

Performance curve specification 32 (measured with HLP46, $t = 40^{\circ}\text{C} \pm 5^{\circ}\text{C}$)

该性能曲线在先导控制油无压外泄时测得。先导控制油内泄时, 进口压力随着B口增加。

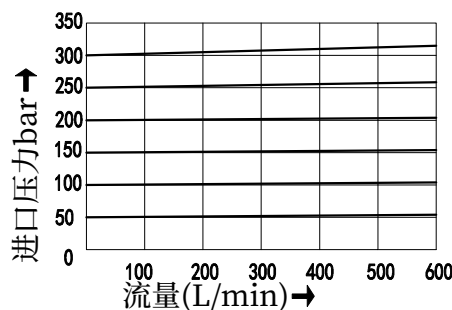
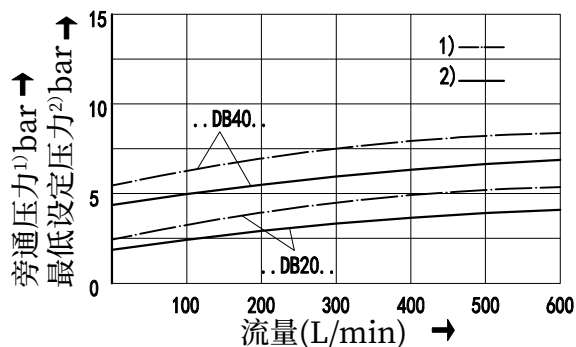
手调压力阀: ZY-LFA32DB...型和ZY-LFA32DBW...型

This performance curve is measured when there is no pressure leakage of pilot control oil.

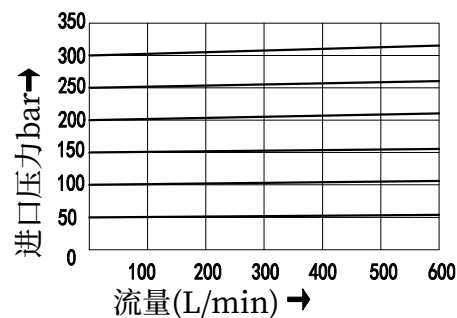
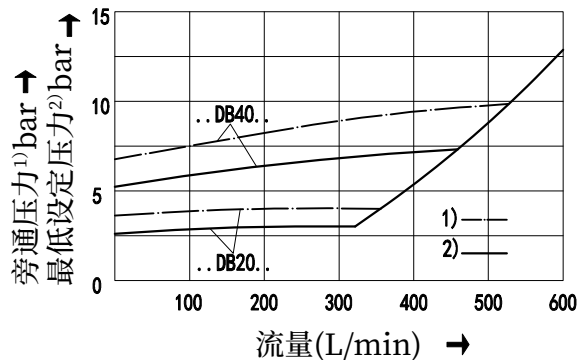
When the pilot control oil leaks internally, the inlet pressure increases with the B port.

Manual pressure valve: ZY-LFA32DB.. Type and ZY-LFA32DB W.. Type

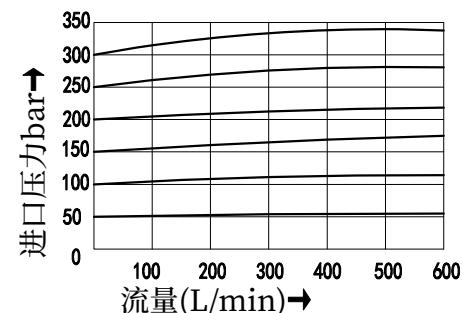
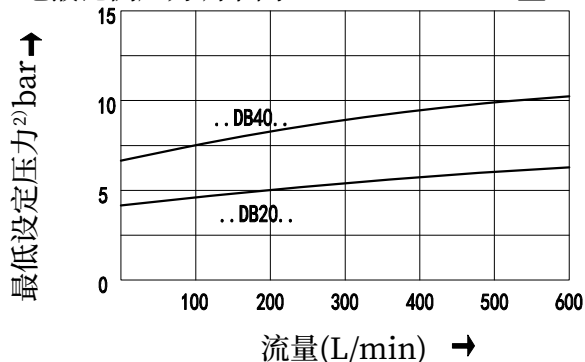
ZY-LC32DB..A...型(带座阀式阀芯); ZY-LC32DB..E...型



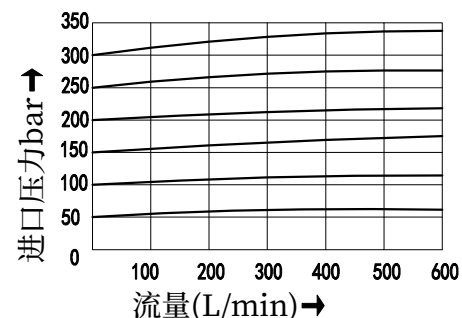
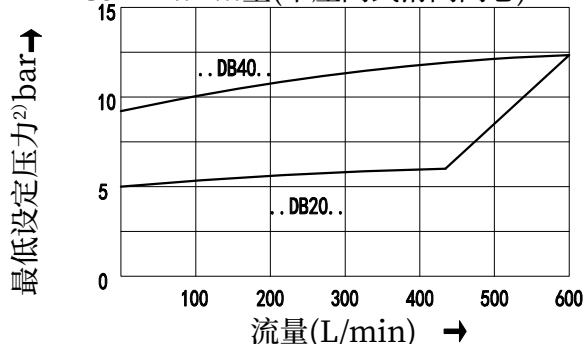
ZY-LC32DB..D...型(带座阀式滑阀阀芯); ZY-LC32DB..B...型



电液比例压力调节阀: ZY-LFA32DBE...型. ZY-LC32DB..E...型(带座阀式阀芯) ZY-LC32DB..A...型



ZY-LC32DB..D...型(带座阀式滑阀阀芯) ZY-LC32DB..B...型





性能曲线 规格40 (在使用HLP46, $t=40^{\circ}\text{C}\pm 5^{\circ}\text{C}$ 测得)

Performance curve specification 40 (measured with HLP46, $t = 40^{\circ}\text{C} \pm 5^{\circ}\text{C}$)

该性能曲线在先导控制油无压外泄时测得。先导控制油内泄时, 进口压力随着B口增加。

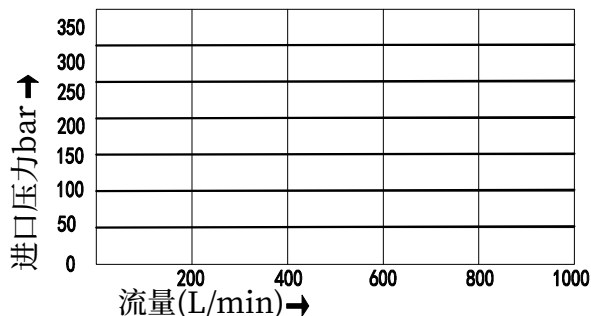
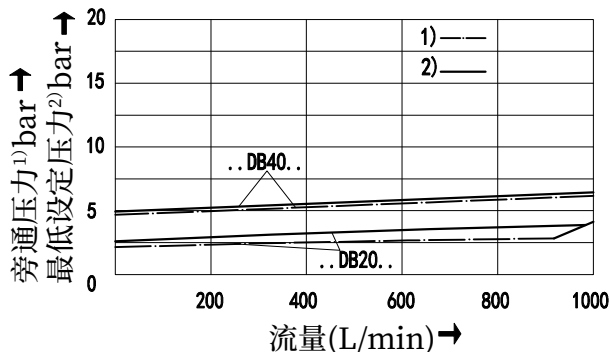
手调压力阀: ZY-LFA40DB...型和ZY-LFA40DBW...型

This performance curve is measured when there is no pressure leakage of pilot control oil.

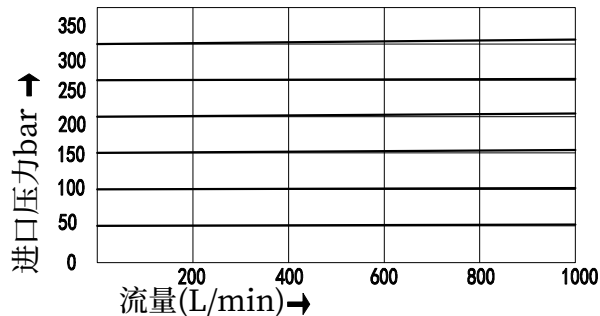
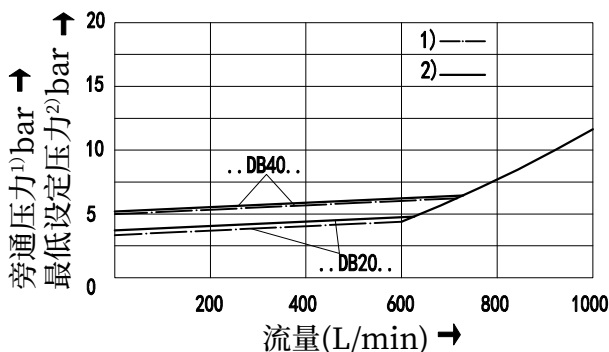
When the pilot control oil leaks internally, the inlet pressure increases with the B port.

Manual pressure valve: ZY-LFA40DB.. ZY-LFA40DB W.. Type

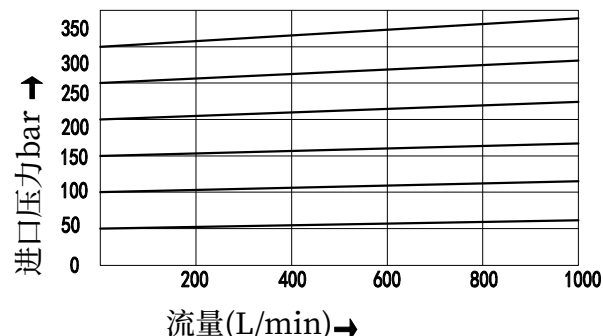
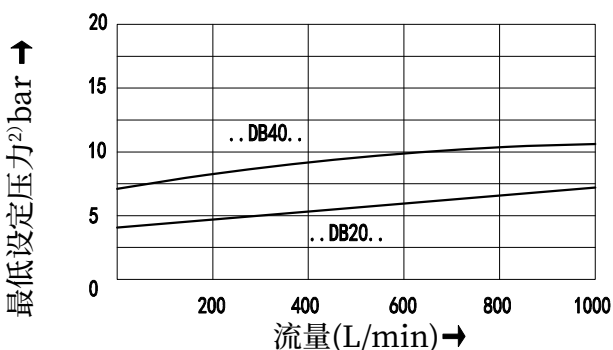
ZY-LC40DB..E...型(带座阀式阀芯);ZY-LC40DB..A...型



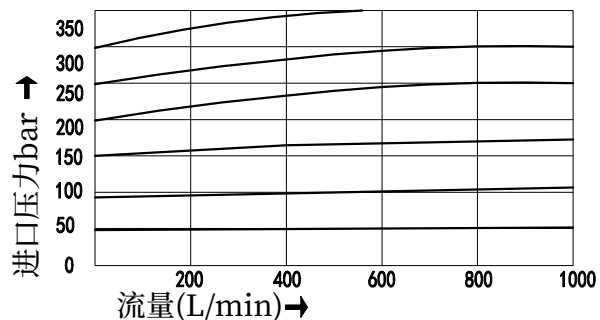
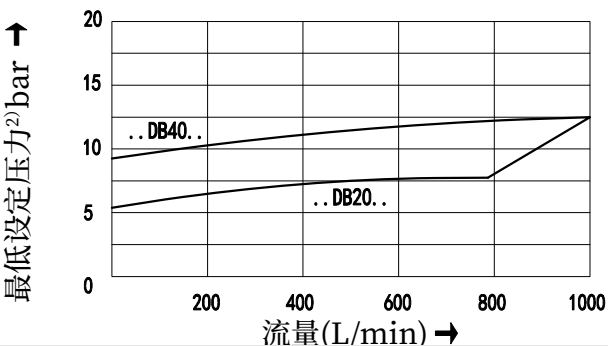
ZY-LC40DB..D ...型(带座阀式滑阀阀芯);ZY-LC40DB..B ...型



电液比例压力调节阀:ZY-LFA40DBE...型.ZY-LC40DB..E...型(带座阀式阀芯)ZY-LC40DB..A...型



ZY-LC40DB..D...型(带座阀式滑阀阀芯);ZY-LC16DB..B...型



ZY-LC 2-Way Cartridge Valve-Pressure Control Function

宁波镇海展跃液压件制造有限公司
Ningbo Zhenhai Zhanyue Hydraulic Parts Manufacturing Co., Ltd



性能曲线 规格50 (在使用HLP46, $t=40^{\circ}\text{C}\pm 5^{\circ}\text{C}$ 测得)

Performance curve specification 50 (measured with HLP46, $t=40^{\circ}\text{C}\pm 5^{\circ}\text{C}$)

该性能曲线在先导控制油无压外泄时测得。先导控制油内泄时, 进口压力随着B口增加。

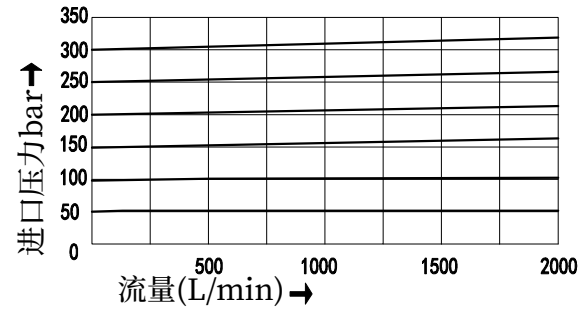
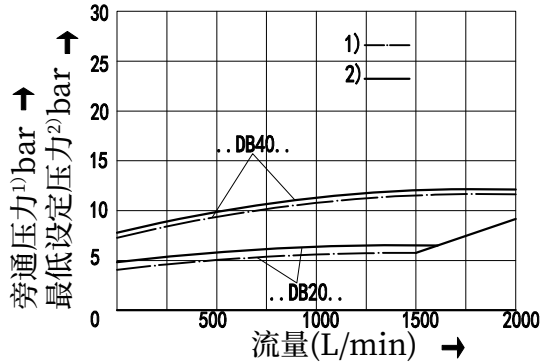
手调压力阀: ZY-LFA50DB...型和ZY-LFA50DBW...型

This performance curve is measured when there is no pressure leakage of pilot control oil.

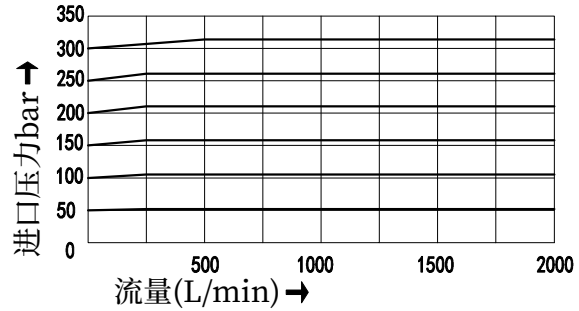
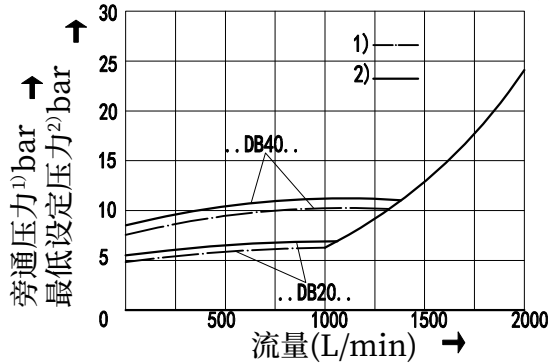
When the pilot control oil leaks internally, the inlet pressure increases with the B port.

Manual pressure valve: ZY-LFA50DB... ZY-LFA50DB W... Type

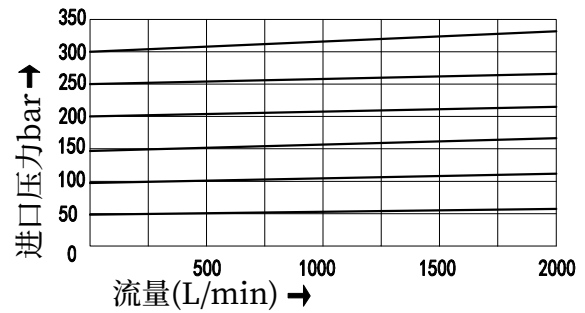
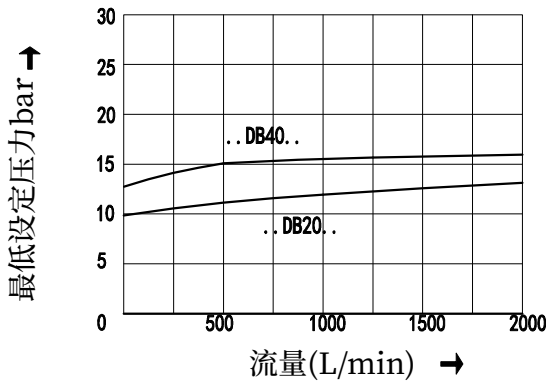
ZY-LC50DB..E...型(带座阀式阀芯);ZY-LC50DB..A...型



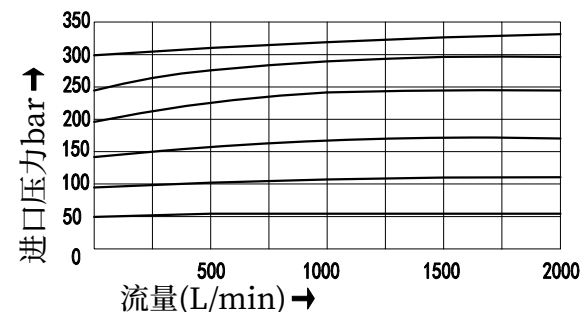
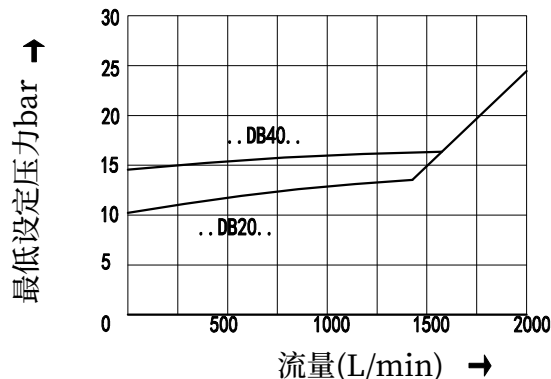
ZY-LC50DB..D ...型(带座阀式滑阀阀芯);ZY-LC50DB..B ...型



电液比例压力调节阀:ZY-LFA50DBE...型.ZY-LC50DB..E...型(带座阀式阀芯)ZY-LC50DB..A...型



ZY-LC50DB..D...型(带座阀式滑阀阀芯);ZY-LC50DB..B...型





性能曲线 规格63 (在使用HLP46, $t=40^{\circ}\text{C}\pm 5^{\circ}\text{C}$ 测得)

Performance curve specification 63 (measured with HLP46, $t = 40^{\circ}\text{C} \pm 5^{\circ}\text{C}$)

该性能曲线在先导控制油无压外泄时测得。先导控制油内泄时, 进口压力随着B口增加。

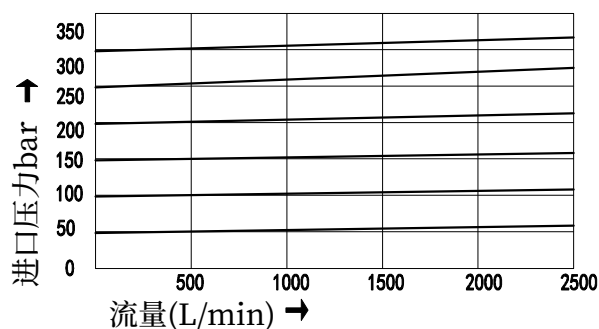
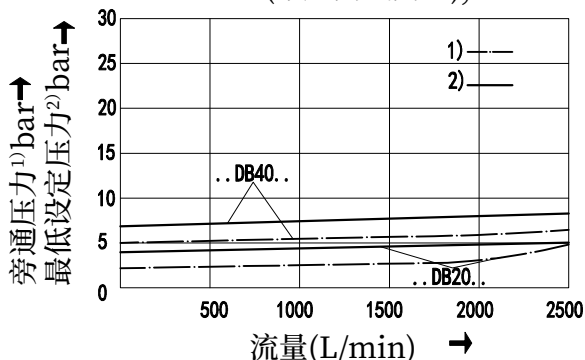
手调压力阀: ZY-LFA63DB...型和ZY-LFA63DBW...型

This performance curve is measured when there is no pressure leakage of pilot control oil.

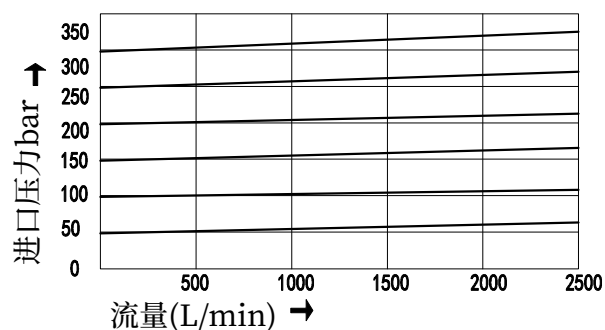
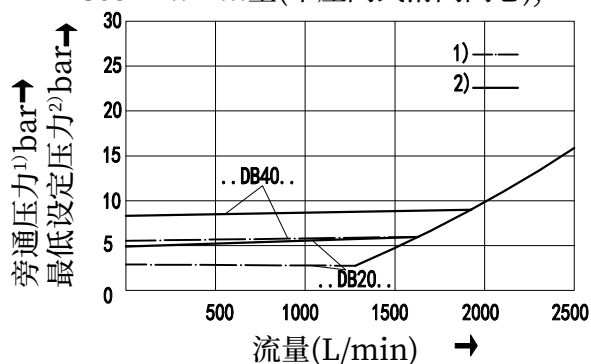
When the pilot control oil leaks internally, the inlet pressure increases with the B port.

Manual pressure valve: ZY-LFA63DB.. Type and ZY-LFA63DBW.. Type

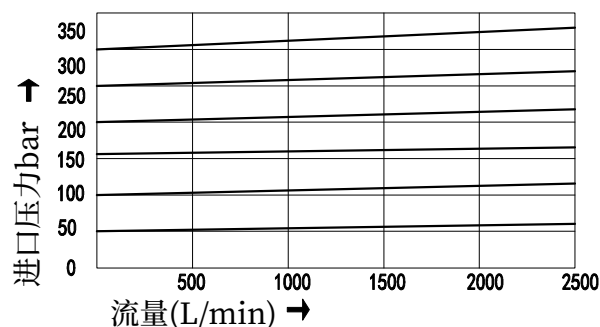
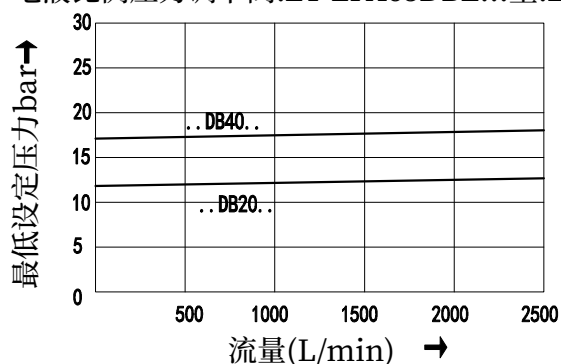
ZY-LC63DB..E...型(带座阀式阀芯);ZY-LC63DB..A...型



ZY-LC63DB..D ...型(带座阀式滑阀阀芯);ZY-LC63DB..B ...型



电液比例压力调节阀:ZY-LFA63DBE...型.ZY-LC63DB..E...型(带座阀式阀芯)ZY-LC163DB..A...型



ZY-LC63DB..D...型(带座阀式滑阀阀芯);ZY-LC63DB..B...型

