在负荷传感型的转向系统中，转向系统和工作系统通过优先阀可使用同一个油泵供油或实现系统合流。同时，若使用带负载感应的油泵，负荷传感系统将会体现明显的节能效果。

负荷传感型转向器有一个LS口必须连接到优先阀或负载感应油泵的LS口，使转向器的转向负载压力信号经油管(推荐管道长度≤2m)传送到优先阀或负载感应油泵，用以控制系统供给转向器的供油量。

As for load sensing steering system, the steering system and the operational system may use the same pump through the priority valve or the load sensing system can distribute the surplus oil of the steering system into the operational system. Meanwhile, if the pump with load sensing is used , the load sensing will have obviously productive results.

The LS port of the load sensing steering unit has to connect with priority valve or LS port of load sensing pump, so that the signal of the steering load pressure of the steering unit can be transferred to priority valve or load sensing pump through oil hose (we suggest that the length of the hose is ≤2 m), to control the oil volume supplied to steering unit by the control system.

主要技术参数 Main Specification

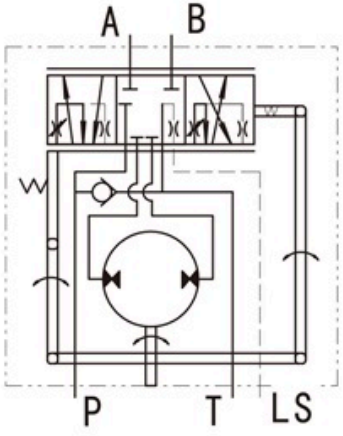
型 号 Type	排 量 Displacement (mL/r)	长 度 Length L(mm)	方向盘允许最高转速 Max. input speed (rpm)	最大入口压力 Max. input pressure (MPa)	最大连续背压 Max. cont. back pressure (MPa)	最大动力转向扭矩 Max. power steering torque (N·m)
BZZ5–E 50*	50	140	100	16	1.6	≤5
BZZ5–E 63*	63	141				
BZZ5–E 80*	80	142.5				
BZZ5–E 100*	100	145				
BZZ5–E 125*	125	148				
BZZ5–E 160*	160	153				
BZZ5–E 200*	200	158				
BZZ5–E 250*	250	164				
BZZ5–E 280*	280	169	75			
BZZ5–E 315*	315	174				
BZZ5–E 400*	400	184				
BZZ5–E 500*	500	197	60			
BZZ5–E 630*	630	216				
BZZ5–E 800*	800	236				
BZZ5–E 1000*	1000	262				

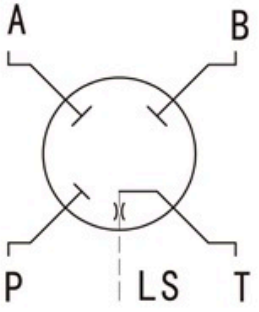
注1：L是产品的最大长度，该尺寸在某些产品上可能会短2mm或4mm；

Note1: L is the maximum length dimension of product, this dimension on some products may 2mm or 4mm short.

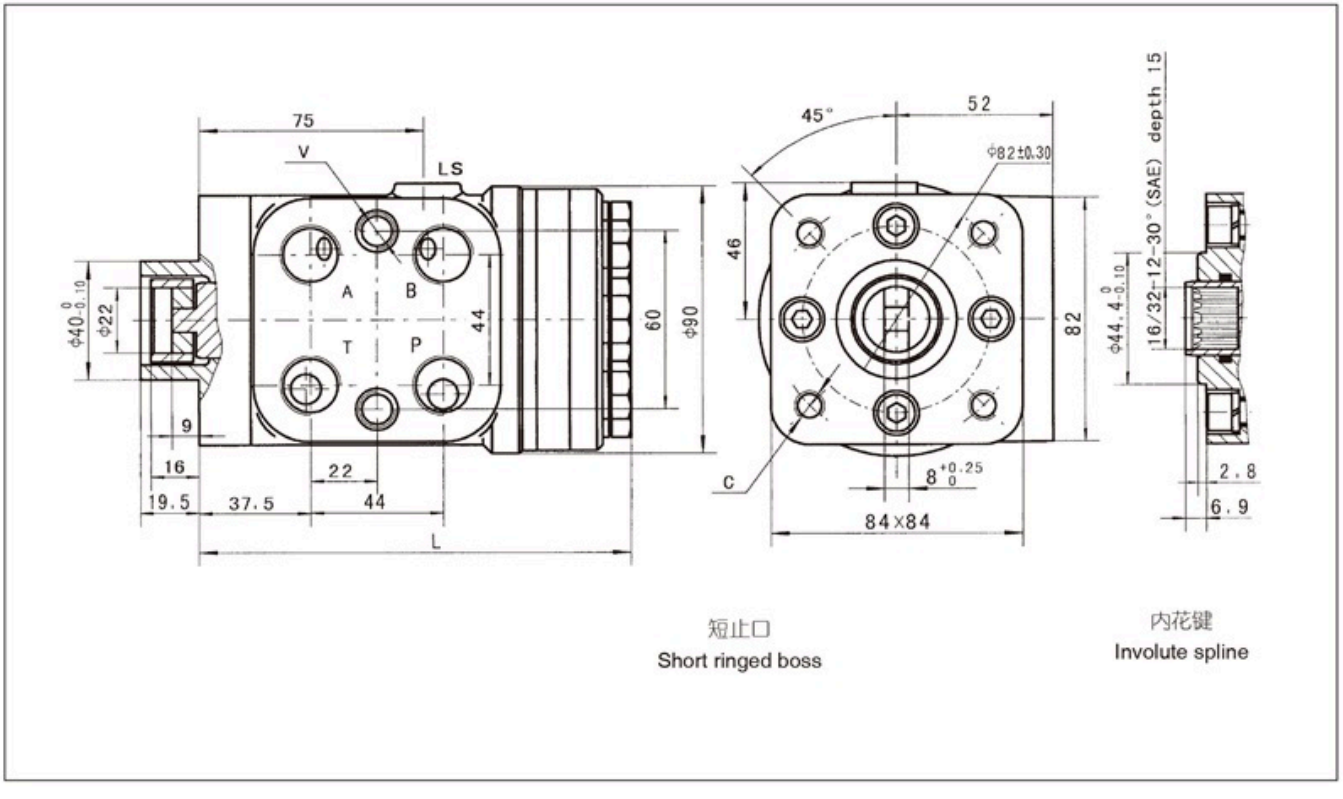
功能符号 Function Code

BZZ5
负荷传感型
Load sensing





连接尺寸 Mounting Data



油口代码
Ports Code

类别 Category	代码 Code	P、T、A、B油口 Ports P,T,A,B	连接螺纹C Column Mounting C	连接螺纹V Valve Mounting V	LS油口 Port LS
油口代码 Ports Code	（缺省） （omit）	M20×1.5	M10	M12	M12×1.5
	A	M18×1.5	M10	M12	M12×1.5
	B	G1/2	M10	M10×1	G1/4
	C	3/4-16UNF O-ring	3/8-16UNC	3/8-24UNF	7/16-20UNF O-ring
	D	M20×1.5 O-ring	M10	M12	M12×1.5
	E	M18×1.5 O-ring	M10	M12	M12×1.5
	G	M22×1.5	M10	M12	M12×1.5
	Q	M22×1.5 O-ring	M10	M12	M12×1.5
	U	G1/2 O-ring	M10	M10×1	G1/4 O-ring
	M	3/4-16UNF O-ring	M10	M12	7/16-20UNF O-ring
	I	3/4-16UNF O-ring	M10	M10	7/16-20UNF O-ring
	N	3/4-16UNF O-ring	M10×1.25	M10	7/16-20UNF O-ring
	R	P,T：M22×1.5 A,B：M18×1.5	M10	M12	M12×1.5
	S	P,T：M22×1.5 O-ring A,B：M18×1.5 O-ring	M10	M12	M12×1.5

注1：油口P、T、A、B的深度16 mm，连接螺纹C、V的深度16 mm，油口LS的深度12 mm。
Note 1: Ports P,T,A,B Depth : 16 mm; Column Mounting C & V Depth: 16 mm;Port LS Depth:12mm.

当LS油口尺寸不符合上述表格中规定时，在油口代码后面加“–”，按照下面表格选择LS代码。
If the dimension of LS port don't comply with the specifications in the above form, add "–" after the port code and then choose LS code according to the following form.

油口代码 Ports Code	LS油口 Port LS
1	M12×1.5 O-ring
3	G1/4
5	7/16-20UNF O-ring
6	G1/4 O-ring
7	M12×1.5