型号说明/Model Code

* - STU - G1/4
❶ ❷ ❸

❶ 材料/Material
SS：不锈钢/Stainless steel　　空白：碳钢/Carbon steel

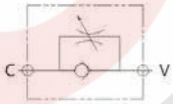
❷ 节流阀系列代号/Bidirectional flow controlvalves series code
STU型/STU type

❸ 连接螺纹尺寸/connection thread dimension
BBSP

技术参数/Technicaldata

应用材料/MATERIAL EMPLOYED
阀体/BODY：钢/Steel
阀芯/VALVES：强华硬质钢/Hardened Steel
密封/SEALS：丁腈胶/NBR
适用工作环境/OPERATIONAL RANGE
安装/MOUNTING
按需/as prefered

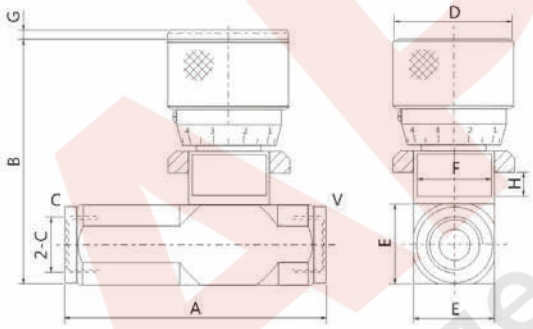
图形符号/Symbol



温度/Temperatures

理想工作温度/Ideal operating range between：+40℃ ~ +70℃
最高工作温度/Max operating temperature：+90℃
最低/最高环境温度/ Min/Max environment temps：-20℃ ~ +60℃

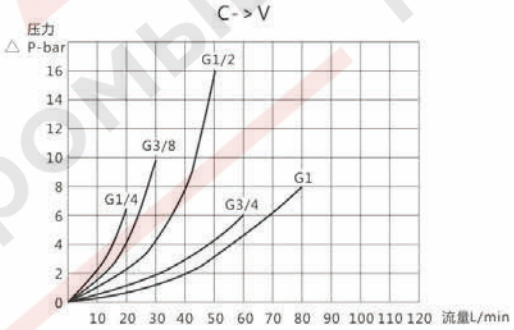
外形尺寸/Dimensions

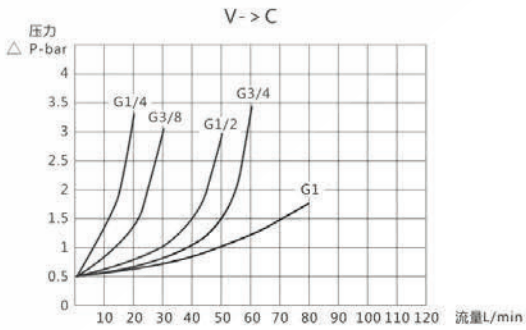


型号/TYPE	C	最大流量 (L/min)	最大压力 (bar)	A	B	D	E	F	G	H
STU-G1/4	G1/4	12	400	73	72	32	20	M20×1	5	7
STU-G3/8	G3/8	30	400	82	80	32	25	M20×1.5	9	7
STU-G1/2	G1/2	50	400	98	92	45	30	M30×1.5	9	9
STU-G3/4	G3/4	85	400	112	100	45	40	M35×1.5	10	11
STU-G1	G1	150	320	142	122	45	45	M40×1.5	12	15

注：1) F处压紧螺母需另行订购。
2) C处连接螺纹可以根据客户的要求来进行设计
Note:1) The impacted nut at F should be pu rchased by another way.
2) C can be designed according to customer requirements

流量曲线图/Flow Diagram





应用/Applications

节流阀在进油口和出油口之间可产生压降。该阀没有压力补偿，因而调节流量可以改变压力和液压油粘度的关系。
The flow restrictor valves are able to produce a pressure drop between inlet and outlet.They are not pressure compensated so the regulated flow can change in function of the pressure and of the viscosity.