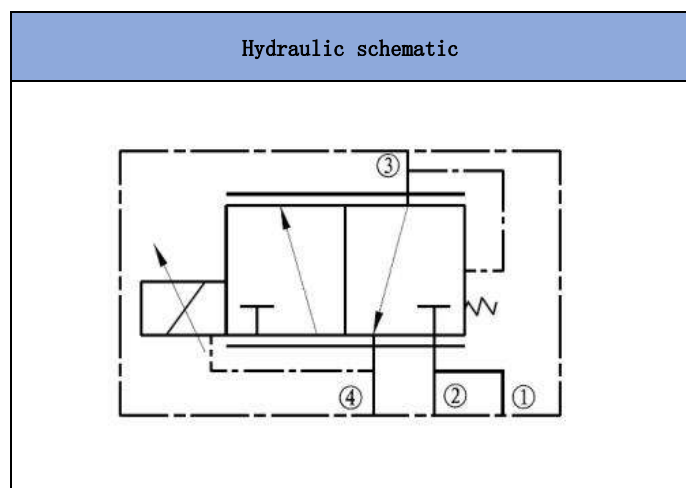


Technical Specifications

TS90-G34		-	-	-	-	-
max regulated pressure						
A	14bar					
B	20bar					
C	30bar					
Screen Option						
None (blank)						
inlet port screen						
233um S						
Porting						
Cartridge Only 0						
Seals						
G	HNBR					
V	FKM					
Diode						
(blank) None						
Z zener diode						
Termination						
DJ	Amp Junior Timer					
DR	Deutsch DT04-2P					
Voltage						
12	12VDC					
24	24VDC					

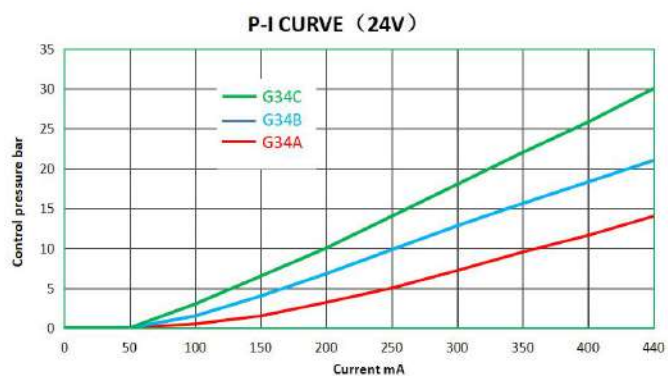
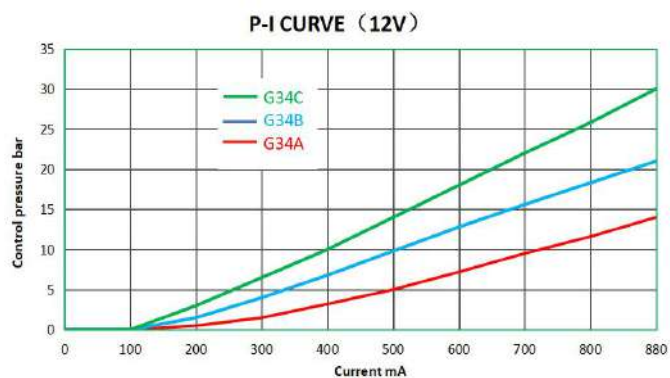
Hydraulic Parameters	
Maximum Inlet Pressure (bar)	34.5
Adjustable Pressure Range (bar)	0 - 14 (TS90-G34A) 0 - 20 (TS90-G34B) 0 - 30 (TS90-G34C)
Rated Flow (L/min)	38
Maximum Leakage (L/min)	0.6
Operating Medium	Mineral Oil or Synthetic Oil with Lubricating Properties
Medium Viscosity (cSt)	7.4 - 420
Medium Temperature (°C)	-40 to 149
Filter Mesh (μm)	233
Hysteresis	≤5%

Electrical Parameters		
Operating Voltage (V)	12	24
Operating Current (mA)	0-880	0-440
Coil Resistance (Ω) @20°C	7.2	29.54
Coil Inductance (mH) @20°C	88	357
Control Method	Current Control, Recommended Frequency 150 Hz	
Connector	AMP Junior Timer Deutsch DT04-2P	
Protection Rating	IP69K (Deutsch), IP65 (AMP)	
Response Time (ms)	Ton ≤ 50; Toff ≤ 50	



Other Parameters	
Service Life	10 million cycles
Housing Corrosion Resistance	Withstands 960 hours neutral salt spray test
Storage Temperature (°C)	-40 to 70
Mounting Hole	VC-G025
Mounting Bolt	M5*0.8*12
Mounting Torque	3-4 N·m

P-I (average characteristic)



Product Outline Dimensions (in mm)

Cavity Dimensions (in mm)

