

Manual override

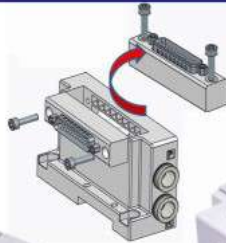


Normal Position



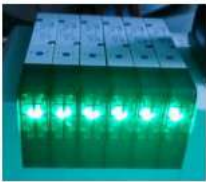
Lock Position

D-Sub connector
25 pin



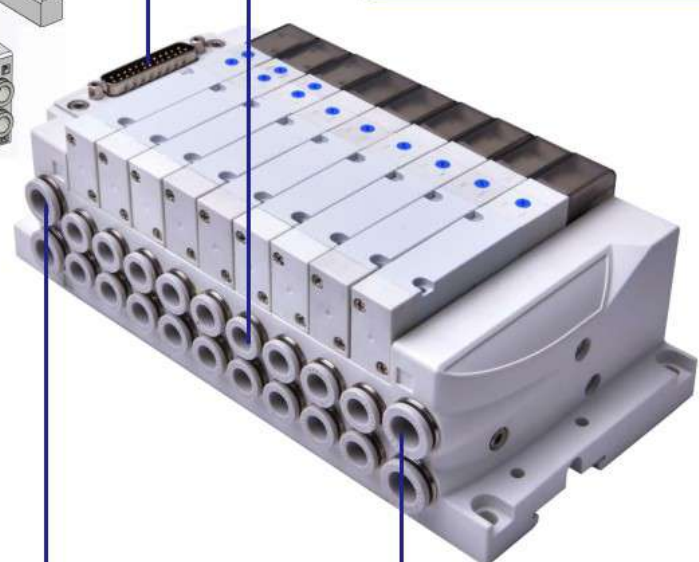
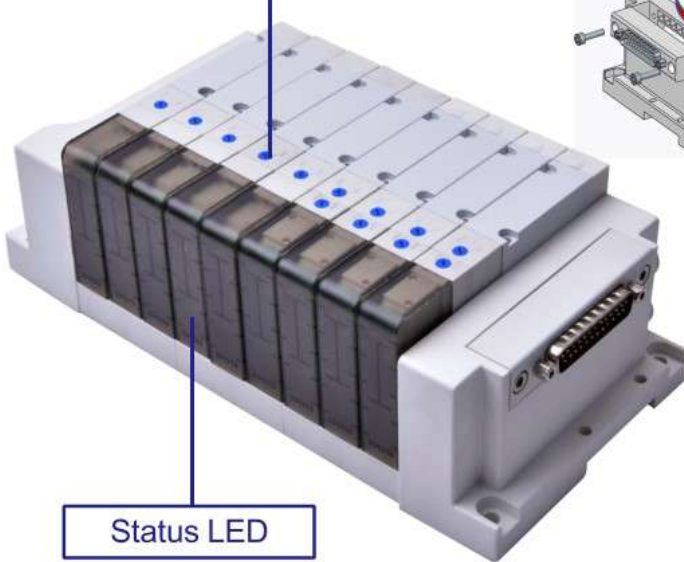
Push-in fittings outlets
6D050: Ø4/Ø6
6D100: Ø4/Ø6/Ø8

Status LED

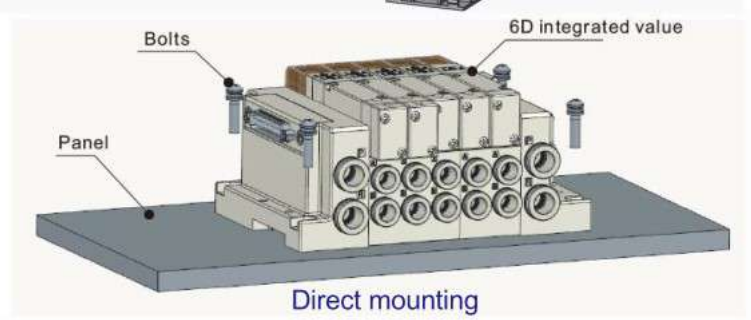
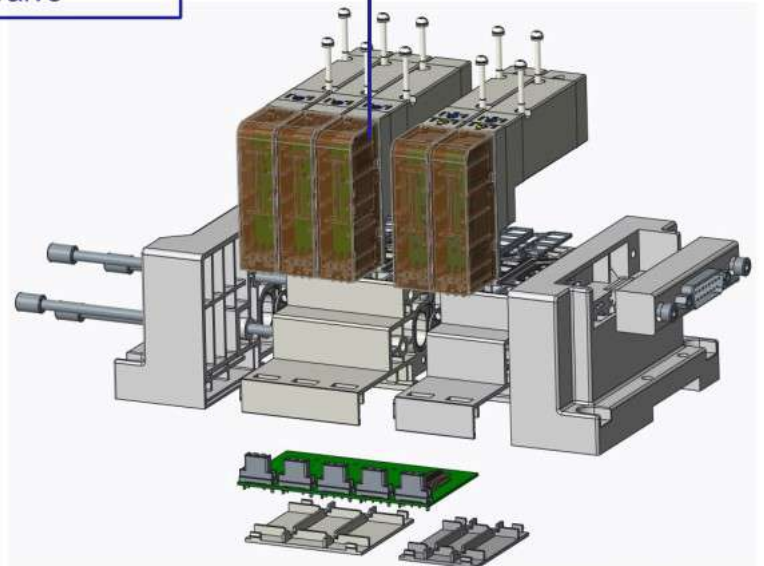


Available voltages:
24VDC
12VDC

Centralized inlets
and exhausts
6D050: Ø8
6D100: Ø10



Flexible structure: not necessary to disassemble the manifold to replace a solenoid valve



Ordering code(Solenoid valve)

6D 1 20 B

① ② ③ ④



① Model	6D: 5 port 2(3) position solenoid valve		
② Code	05: 0500 Series	1: 100 Series	2: 200 Series
③ Valve type	10 : Single solenoid(5/2 Way)	20 : Double solenoid(5/2 Way)	30C : Double solenoid(5/3 way closed center)
	30E : Double solenoid(5/3 way Exhaust center)	30P : Double solenoid(5/3 way pressure center)	
④ Voltage	B: DC24V F: DC12V		

Manifold ports Order Code (Without Valves)

6D1H 5F-J06

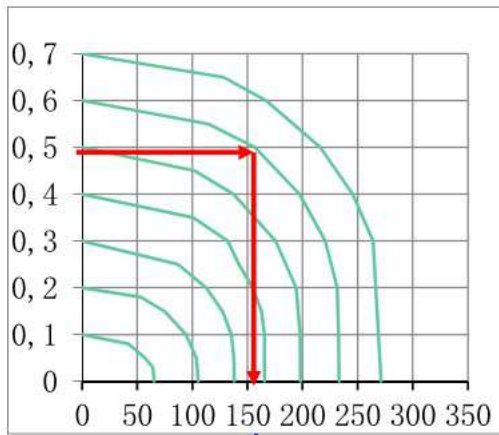
① ② ③



① Model	6D05H: 6D0500 Series manifold	6D1H: 6D100 Series manifold	6D2H: 6D200 Series manifold
② Number of stations	3F: 3 stations 4F: 4 stations 21F: 21stations		
③ Port size(A/B Port)	J04: Φ4 tube fitting J06: Φ6 tube fitting	J04: Φ4 tube fitting J06: Φ6 tube fitting J08: Φ8 tube fitting	J08: Φ8 tube fitting J10: Φ10 tube fitting

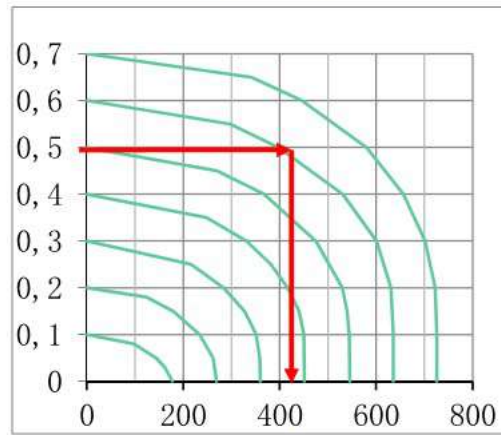
Flow rate characteristics

6D0500(J04)



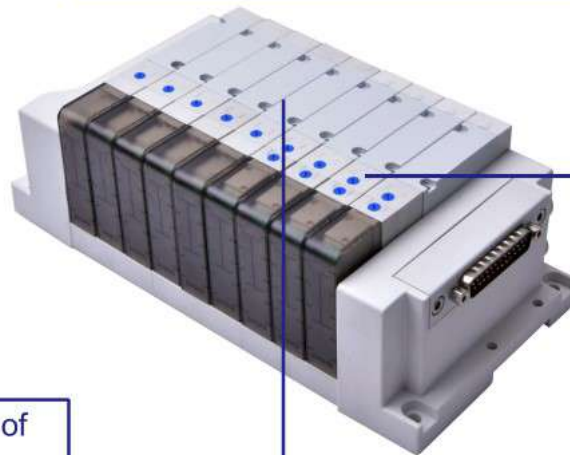
~155 nl/min (@6 bar,
 $\Delta P=1$ bar)

6D100(J06)



~420 nl/min (@6 bar,
 $\Delta P=1$ bar)

Feasible configurations



Min. number of stations: **3**
Max. number of stations: **21**

Maximum number of double solenoid valves (5/2 or 5/3)

Manifolds from 3 to 18 stations: **Max. 6 double sol.**

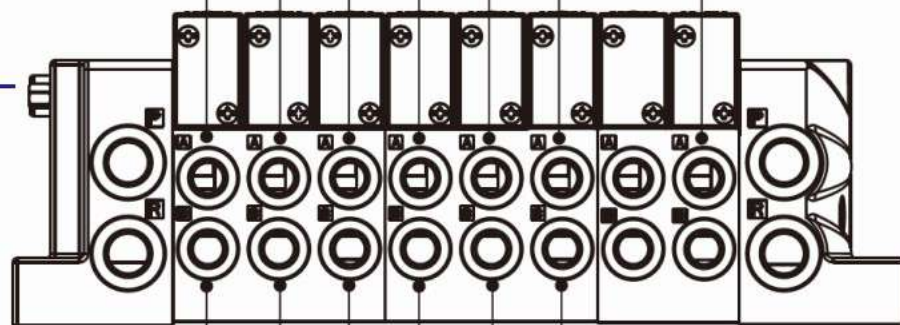
Manifolds from 19 to 21 stations: **Max. 3 double sol.**

Starting from D-Sub connector, the sequence should be:
(1) 5/3 Double solenoid → (2) 5/2 Double solenoid → (3) 5/2 single solenoid

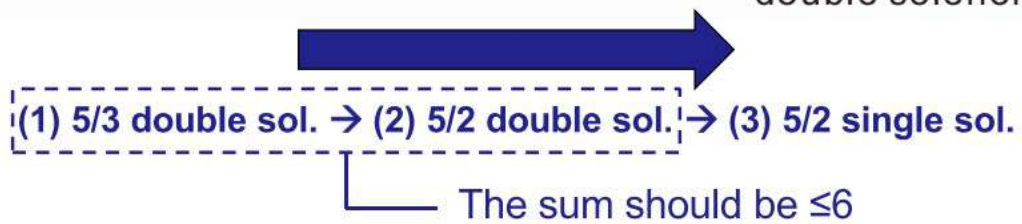
Manifolds from 3 to 18 stations

Definition of stations : 1A 2A 3A 4A 5A 6A.....21A

D-Sub connector



Definition of stations : 1B 2B 3B 4B 5B 6B Can be used for double solenoid valve



Manifolds from 19 to 21 stations

Definition of stations : 1A 2A 3A.....21A

