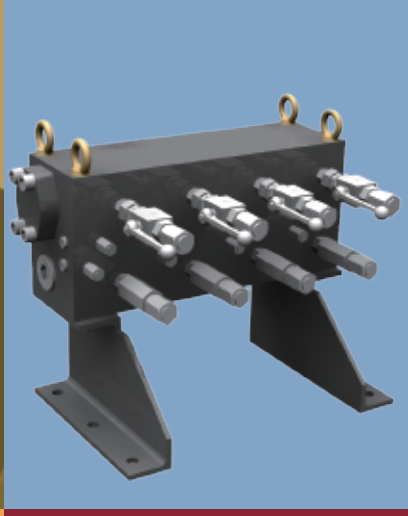
Hydraulic Distribution Manifold

Distribute hydraulic power to downstream devices



Product Overview

Moog Hydraulic Distribution Manifold (HDM) address to hydraulic power distribution for aerospace, automotive and other test systems. HDM connects in between a hydraulic power source, such as Hydraulic Service Manifold (HSM) or Hydraulic Power Unit (HPU), and downstream hydraulic devices, for example hydraulic actuators. It helps the test facilities layout the hydraulic circuity in a simple and neat structure.

Typical Applications

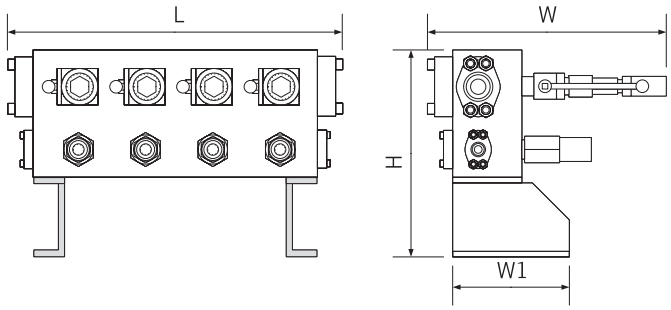
Different models are designed for specific application, typically HDM can be used in

- Aero and static testing
- Dynamic and large flow system
- General piping and HPU splitting

Features and Benefits

Features	Benefits
2 levels of flow rate design	Adaptable to different sizes of hydraulic source
280 or 210 bar system pressure	Used in high or low hydraulic power source system
Up to 8 outlet ports	Flexible selection for specific application
Quick coupling hydraulic fitting	Quick and easy to plug in/out the hydraulic hoses

Dimensions



Model	Outlet Qty	L (mm)	W (mm)	W1 (mm)	H (mm)
C050-51	4	582	422	320	400
	6	827	422	320	400
	8	1066	422	320	400
C050-52	4	755	614	320	450
	6	1075	614	320	450
C050-53	2	753	627	320	450

Specifications

C050-51

- Rated flow: 400 l/min
- System pressure: 280 bar
- Application: aero/static testing oriented
- No pilot pressure line available
- Inlet ports:
  - P: 1-½", Code-62
  - R: -24, JIC-37 flare
  - D: -6, JIC-37 flare
- Outlet ports:
  - P: -12, JIC-37 flare, or ¾" Quick Coupling
  - R: -12, JIC-37 flare, or ¾" Quick Coupling
  - D: -6, JIC-37 flare, or ¼" Quick Coupling
  - PP: -6, JIC-37 flare, or ¼" Quick Coupling

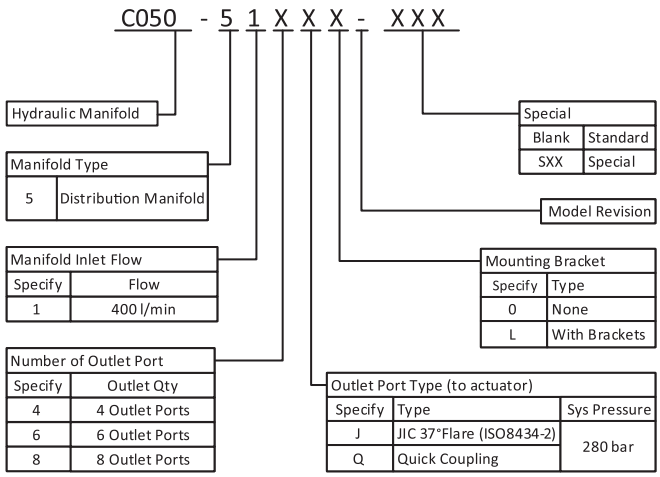
C050-52

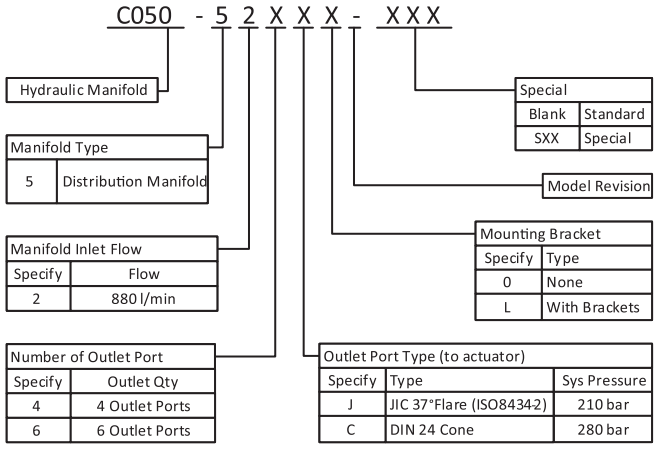
- Rated flow: 880 l/min
- System pressure: 210 or 280 bar
- Application: dynamic/large flow
- Inlet ports:
  - P: 2", Code-62
  - R: 2", Code-61
  - D: -8, JIC-37, or DIN 24° Cone (12L)
  - PP: -6, JIC-37, or DIN 24° Cone (10L)
- Outlet ports:
  - P: -24, JIC-37, or DIN 24° Cone (38S)
  - R: -24, JIC-37, or DIN 24° Cone (38S)
  - D: -6, JIC-37, or DIN 24° Cone (10L)
  - PP: -6, JIC-37, or DIN 24° Cone (10L)

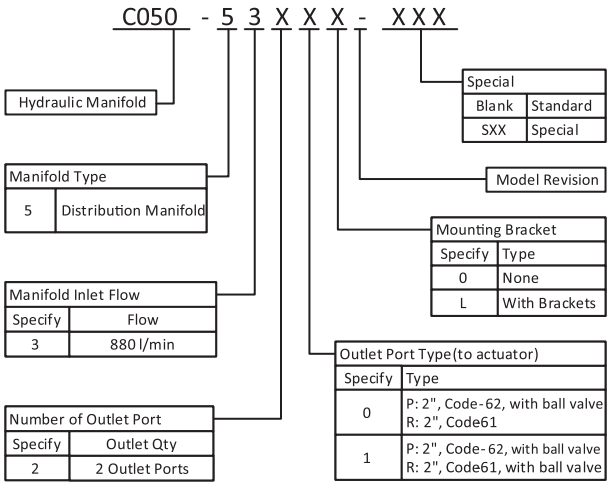
C050-53

- Rated flow: 880 l/min
- System pressure: 280 bar
- Application: piping and HPU splitting
- Inlet ports:
  - P: 2", Code-62
  - R: 2", Code-61
  - D: -12, JIC-37
  - PP: -6, JIC-37
- Outlet ports:
  - P: 2", Code-62
  - R: 2", Code-61
  - D: -8, JIC-37
  - PP: -6, JIC-37

Ordering Code







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