Hydraulic Distributor (Basic Configuration)

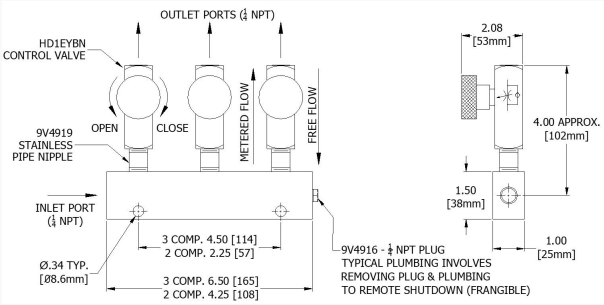
The Betts Hydraulic Distributor (CH16283) is specifically designed to facilitate control of a multi compartment hydraulic valve system while also ensuring critical safety functions of the system are not impaired. Individual control valves for each tank compartment are used to manually select which Primary Stop Valve (Emergency Valve) is actuated by operation of the Hydraulic Hand Pump. A closed Control Valve blocks the flow of hydraulic fluid from the Hand Pump to the Primary Stop Valve yet does not inhibit flow from Primary Stop Valve back to the Hand Pump. This unique and critical feature is required to ensure the proper function of the emergency shut-down system and also protects the system from over-pressurization due to possible hydraulic fluid thermal expansion. ***Note:*** *Never install ball valves or standard shut-off valves in the hydraulic system.*

See Engineering Bulletin EB-03-03 for plumbing schematics.

MAWP: 5,000 psi (344 bar)
Seals: Nitrile
Operating temperature: -40°F to 250°F (-40°C to 121°C)

Part #	Description	Wt. lb. [kg]
CH16283-2MS	2 Compartment	1.8 [.82]
CH16283-3MS	3 Compartment	2.7 [1.22]
CH16283-4MS	4 Compartment	3.6 [1.63]
CH16283-5MS	5 Compartment	4.5 [2.04]
CH16283-6MS	6 Compartment	5.4 [2.45]

Note: Two and three-compartment distributors are assembled together with pipe nipple to make 4, 5, and 6 compartment distributors.



Betts prides itself in being able to provide products that meet a customer's specific needs. As a result we do offer modifications to our product standards. While not every request is always feasible, we do our best to meet your specific needs. In many cases this modification is noted by adding a suffix to the end of the standard part number. The following is a non-inclusive list of common options that are available for this product line . If the options listed below do not meet your requirements please contact one of Betts' Customer Service Representatives for further assistance. Please note that some product modifications may result in extended lead times.

The following alternate styles of Betts Hydraulic Distributor as offered for specific applications.

ALTERNATE STYLES

Currently Not Available.

Chemical Hydraulic Product Family:
S35P01A

EB3-03: Plumbing Schematic for Hydraulic Valve System

⚠ **WARNING**: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to: www.P65Warnings.ca.gov. For additional information on Betts products and Proposition 65 list please see: http://www.bettsind.com/prop-65/