

# **Clow M-67 Brigadier Fire Hydrant Specification**

## **Monitor Style Body**

### **2-Hose 1 - Pumper 6" Mechanical Joint Inlet**

- Hydrant shall be manufactured in accordance with AWWA C502
- Hydrant shall be designed for 250 p.s.i. working pressure and tested to 500 p.s.i. hydrostatic pressure.
- Hydrant shall be rated for 250 p.s.i. FM working pressure and 200 p.s.i. ULC working pressure.
- Hydrant shall be backed by manufacturer's 12 year limited warranty
- Hydrant shall be a compression type, dry barrel design with centre operating stem construction.
- The O-ring seating surface on the upper stem shall be constructed of stainless steel.
- Hydrant Lower rod shall be 1-1/4" in diameter
- Hydrant shall have an internally lubricated bronze operating nut with O-ring seals. Operating nut shall be of the Hydra-lube™ design to ensure self lubrication during operation.
- Hydrant hose nozzles shall be mechanically locked into place by an external allen screw, and have O-ring seals. Nozzles must be installed at the time of manufacture.
- Epoxy coating to be applied to interior and exterior of hydrant shoe for corrosion protection.
- Hydrant shall be manufactured with operating nut and integral thrust collar made of bronze. Delrin washer bearing shall be located above thrust collar for ease of hydrant operation.
- Hydrant shall have a lower valve assembly that fully encapsulates the lower operating rod threads. This allows for increased corrosion resistance and ease of disassembly.
- Hydrant shall be manufactured with a lower valve plate that bottoms out in the shoe for maximum opening.
- Hydrant shall have a main valve opening of 5-1/4".
- Hydrant shall be a traffic model, complete with safety flanges and stem coupling. Nozzle section must rotate 360 degrees.
- Intermediate section shall be ductile iron.
- Hydrant shall be equipped with 2 – hose nozzles and 1 - pumper nozzle with a 6" mechanical joint inlet.
- Hydrant body shall have a 3" flanged connection complete with 3" short body elbow to accommodate fire water monitor (supplied by others).
- Hydrant shall be the Clow Canada Brigadier as manufactured by Clow Canada.