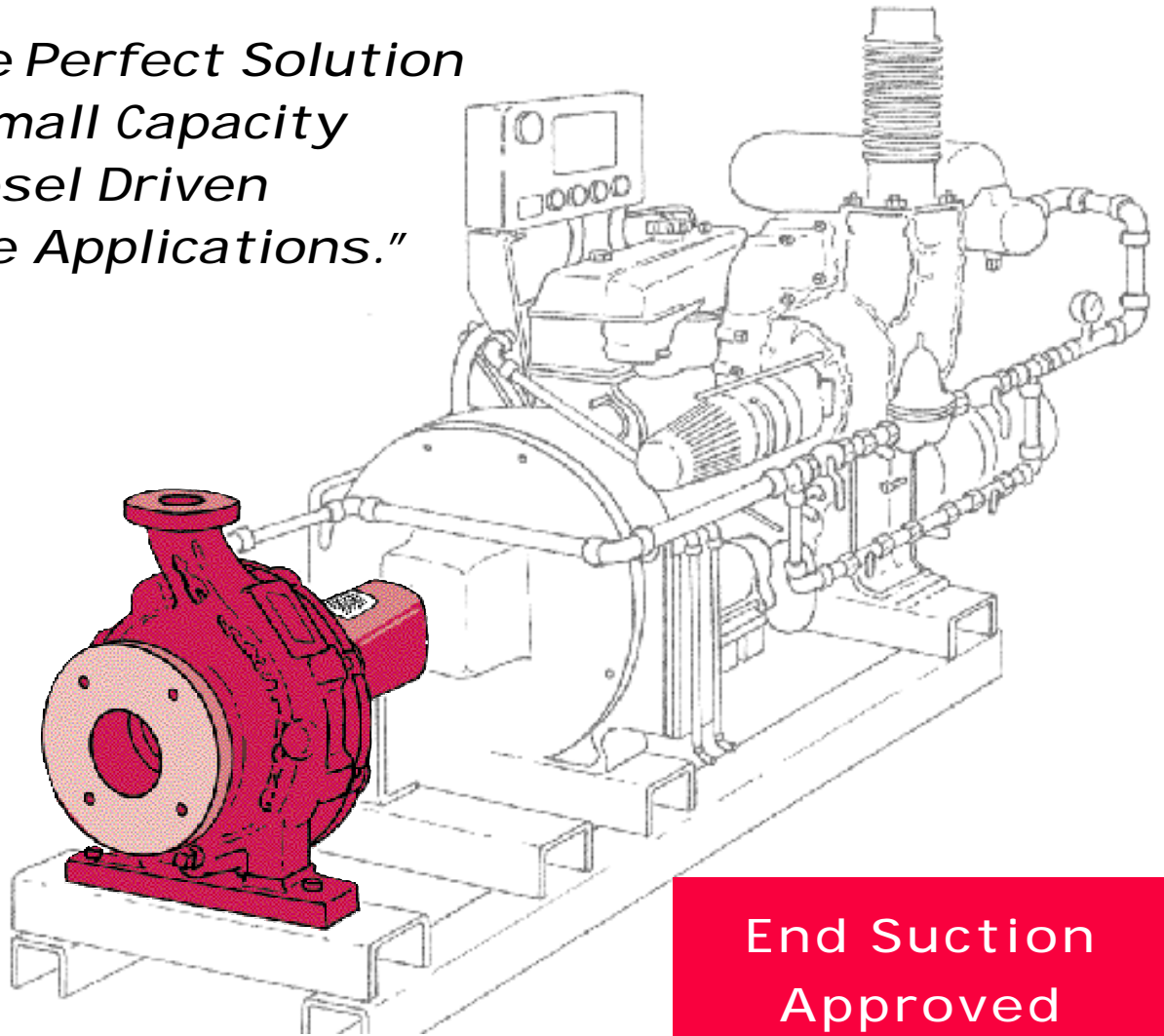


# ARMSTRONG

## ARMSTRONG SERIES 40MF END SUCTION FIRE PUMP

*"The Perfect Solution  
for Small Capacity  
Diesel Driven  
Fire Applications."*



End Suction  
Approved  
Fire Pump

- *Ideal for small flows from 300 to 750 gpm*
- *Compact diesel package*
- *More economical than HSC diesel package*

*Armstrong series 40MF end suction fire pump offers all the well known features of Armstrong Quality products.*

Back Pull Out for easy maintenance

Self Venting center line discharge

Lower NPSH Requirements

Dependable operation

# ARMSTRONG

## Engine Driven – End Suction Fire Pump

### Typical Specification

#### Pump

Supply and install as indicated on plans one (1) fire pump system consisting of one Armstrong Series 40MF, end suction fire pump listed by Underwriters Laboratories of Canada (ULC), Underwriters Laboratories Inc. (UL) and approved by Factory Mutual (FM).

The pump shall be radially split, top center-line discharge, self venting casing. The pump construction shall be cast iron, bronze fitted and shall be fitted with packing. The shaft shall be fitted with stainless steel sleeves and be supported by two back to back thrust ball bearings and one radial roller bearing. The back pull out design shall allow the complete rotating assembly to be removed without disturbing the casing piping connections.

#### Diesel Engine

The pump shall be direct coupled through flexible coupling to a diesel engine, specifically approved for fire pump services. Engine shall be supplied with all necessary accessories: cooling water system mounted on the engine, storage batteries and fuel system.

#### System

The fire pump shall be factory mounted and aligned with diesel engine on a common structural base. The fire pump package shall include all pump fittings such as gauges and relief valves and shall be supplied with an approved diesel engine controller.

#### Testing

Fire pump shall be hydrostatically tested to a pressure recommended by UL, ULC or FM. It shall be subjected to a performance test at rated speed. A certified test curve shall be supplied with the pump.

The SERIES 40MF, Model 4x3x13FM is the first in a series of end suction pumps that will be available from Armstrong for compact diesel applications.

#### 4x3x13FM - Approved Range

FLOW (USGPM)	HEAD (PSI)
300	70-222
400	65-220
450	79-218
500	87-215
750	154-200

The pump is rated for fire at various diesel speeds such as 2350RPM, 2600RPM and 3000RPM. Contact your local representative for all the details.

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