

# Metering Plunger and Diaphragm Pumps API 675 MET 2 Type



**Double acting heads in opposite side**

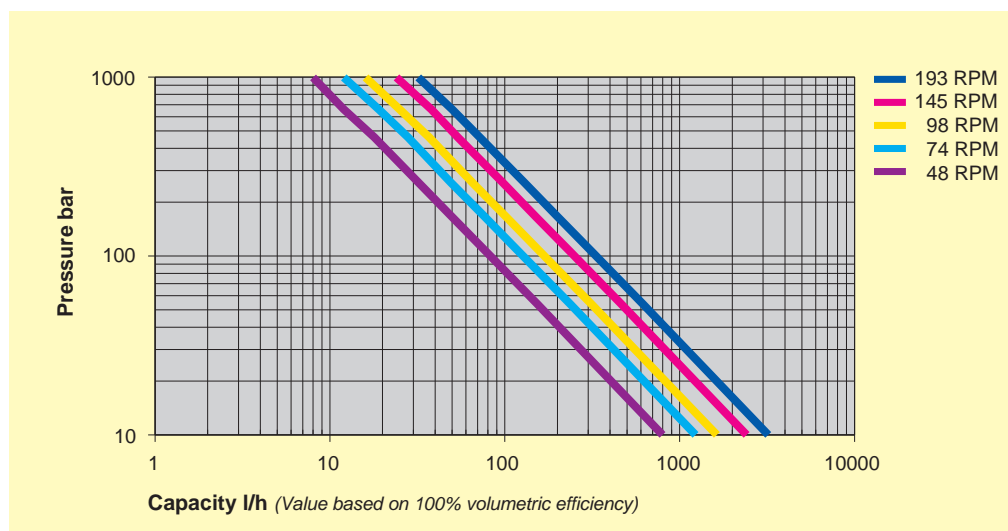
**Rod thrust:** 1200 kg  
**Stroke length:** 60 mm  
**RPM Max:** 200



The MET 2 metering pump covers the range of medium and large capacities in the dosage and injection applications. The pump is a positive return type and is designed for continuous service. Its design allows the installation of a double acting arrangement to obtain very large capacities. During operation or standstill of the pump the stroke is continuously adjustable by means of a manual knob or by automatic control systems, pneumatically or electronically driven. The stroke variation is proportional within the whole adjusting range of 0-100% and guarantees linearity and repeatability of the flow in accordance with API 675 requirements. Special executions are available for applications where capacity less than 1 l/h and pressure up to 1500 bar are requested (i.e. catalyst injection in very high pressure processes).

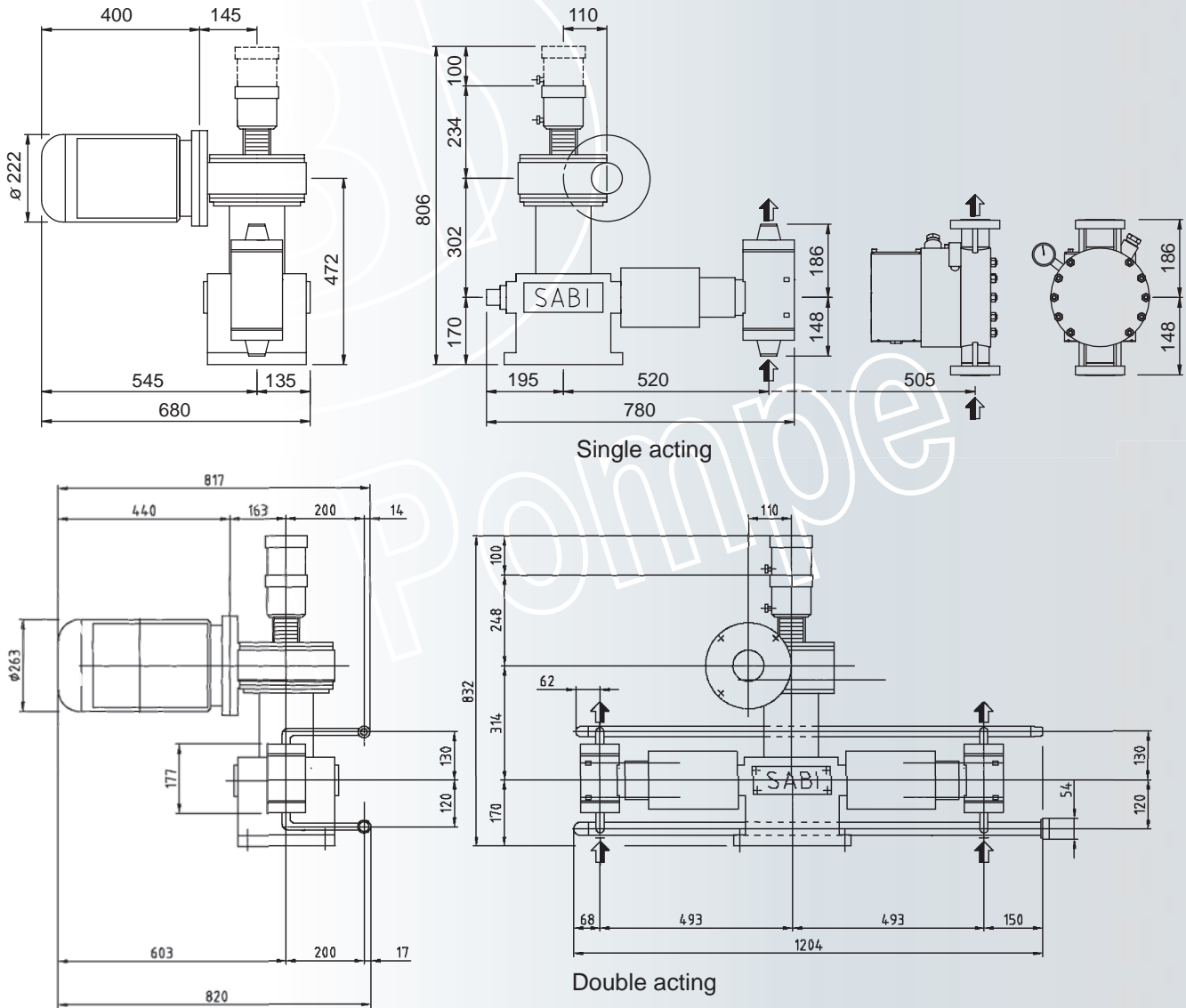
For the hydraulic end there are two versions available: plunger and diaphragm. The diaphragm head is hydraulically actuated and double diaphragm "Sandwich type" with a monitoring system which allows failure detection.

## MET 2 Performances



# MET 2 Type

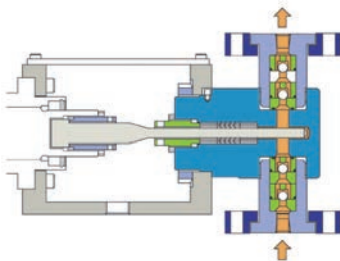
MET 2 dimensions (mm)



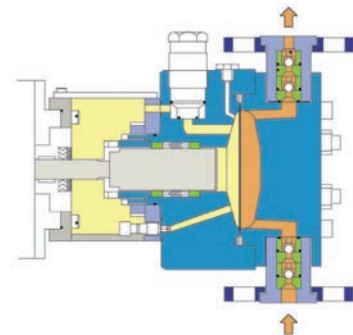
The dimensions are approximate and not binding

## Pumping Heads

Typical high-pressure plunger pump with double ball valves



Typical diaphragm pump with double ball valves



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