

Metering Plunger and Diaphragm Pumps API 675 MET 2 Type



Double acting heads in opposite side

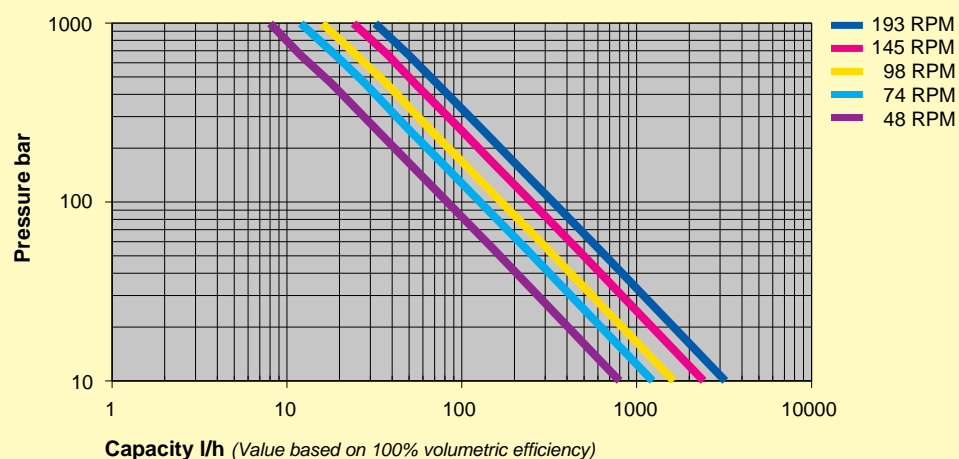
Rod thrust: 1200 kg
Stroke length: 60 mm
RPM Max: 200



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).

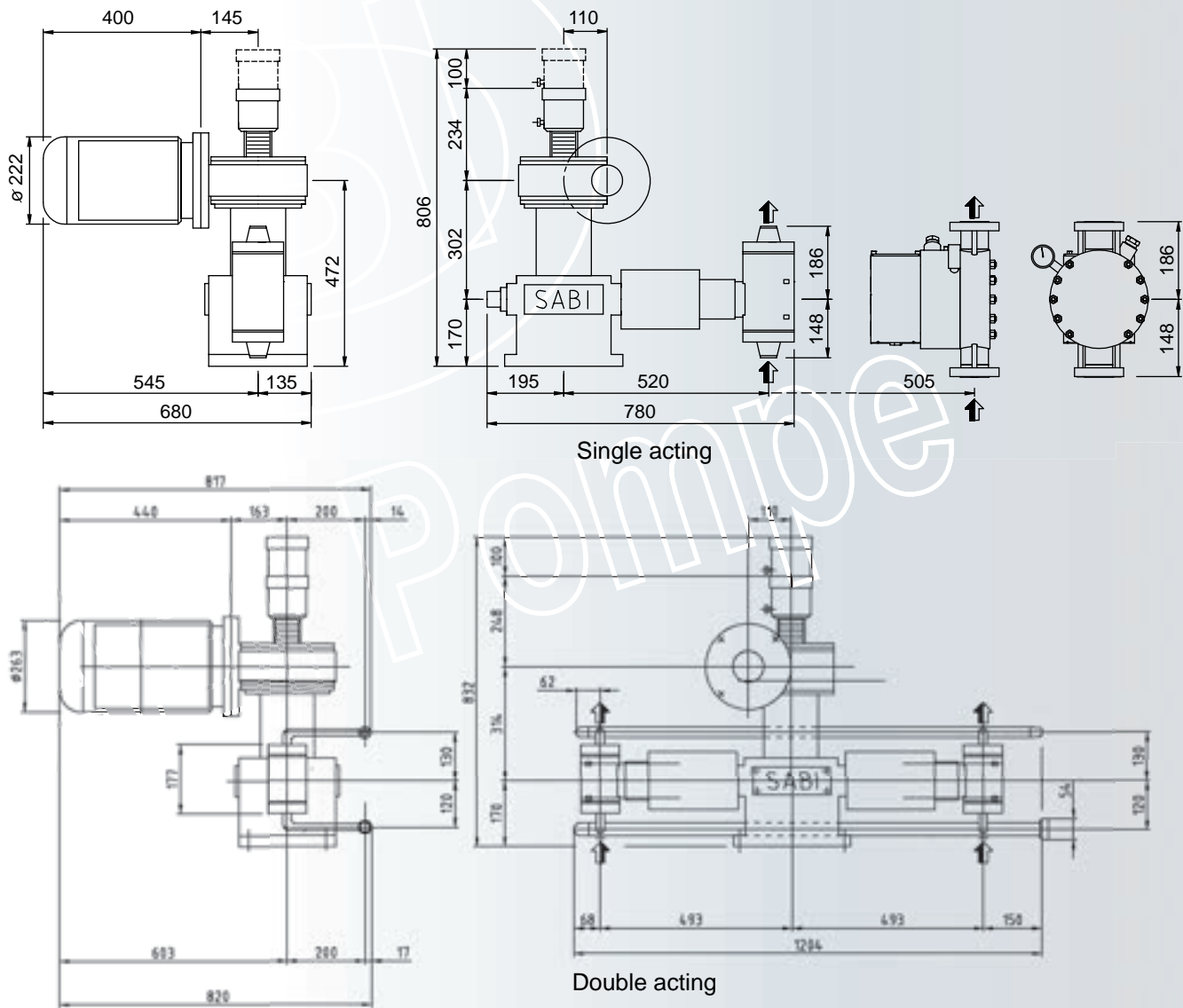
For the hydraulic end there are two versions available: plunger and diaphragm. The diaphragm head is hydraulically actuated and double diaphragm "Sandwich type" with a monitoring system which allows failure detection.

MET 2 Performances



MET 2 Type

MET 2 dimensions (mm)



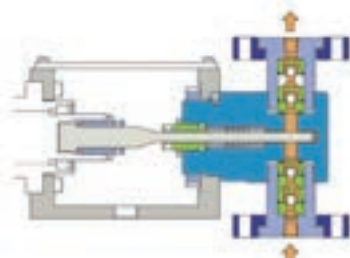
Single acting

Double acting

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

