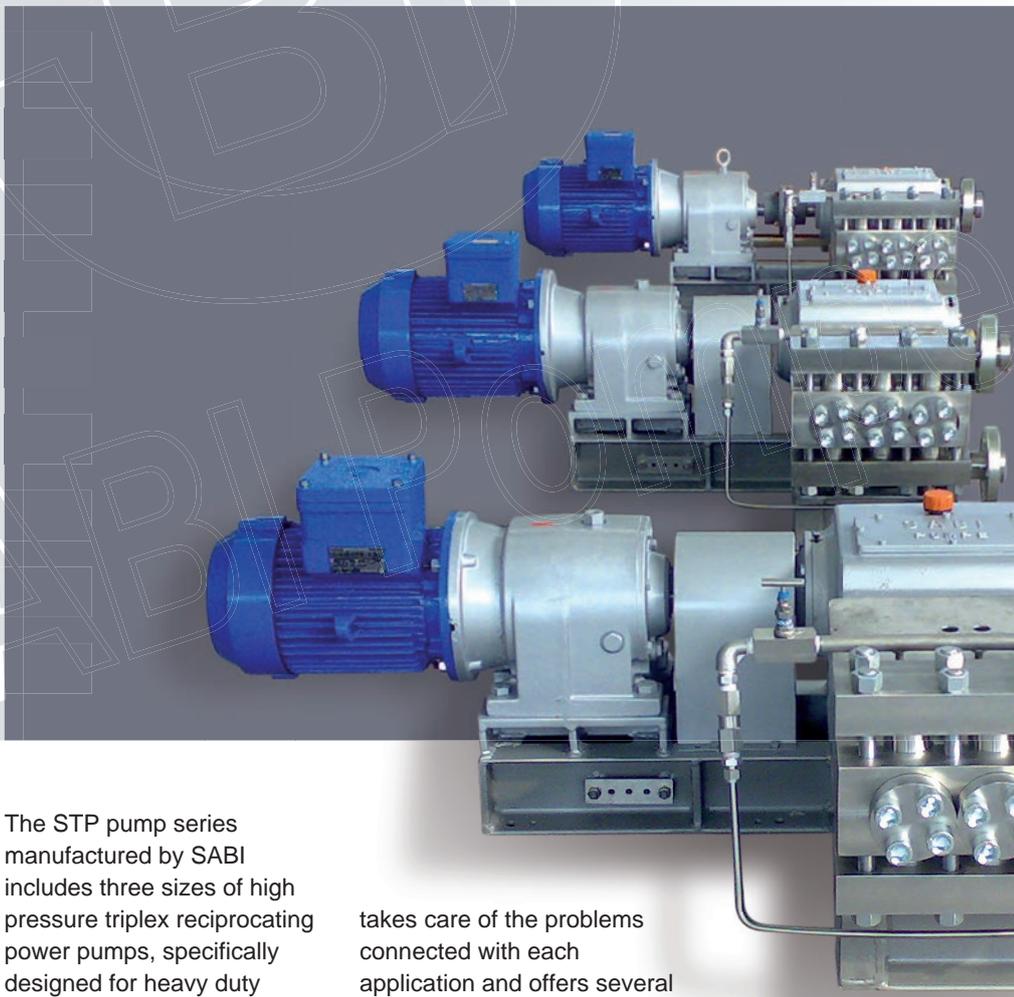


Reciprocating Power Pumps API 674 STP Series



The pumping units are supplied in accordance with the Customer specifications and are complete of all the requested accessories like safety valves, check valves, pulsation dampeners, electric motor and control panels.

Special execution:
 Extreme high pressure >1.000 Barg
 Extreme temperature >300°C
 Extreme density > 10.000 Cp
 Extreme low NPSH < 2,5 m

The STP pump series manufactured by SABI includes three sizes of high pressure triplex reciprocating power pumps, specifically designed for heavy duty service and long life. Main application fields for this series are:

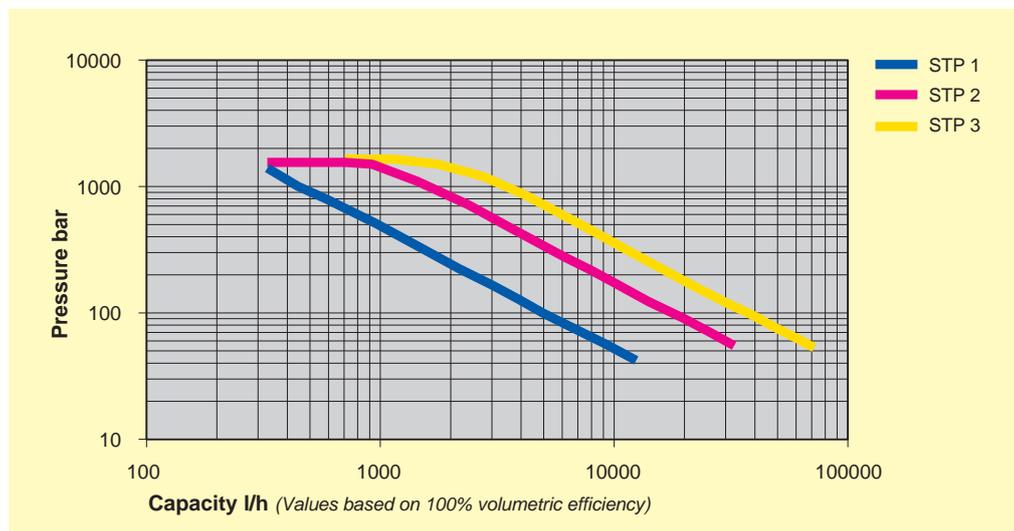
- Chemical, Petrochemical and O&G Industries
- Steel Industry
- Food Industry
- Detergent
- Cosmetics Industry
- Textile and Paper Industry
- Power Generation Industry.

Sabi serves successfully any OEM pertaining to industries requesting heavy duty services for which off-the-shelf pumps are not adequate.

The design of all the pumps, conceived for medium and high pressure,

takes care of the problems connected with each application and offers several options in terms of hydraulic end materials, sealing systems and valves arrangement.

STP Performances (With max RPM as per API 674)

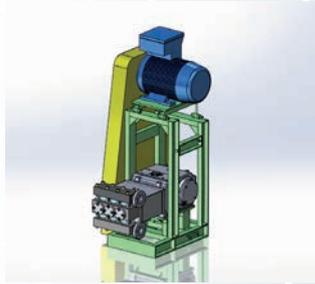
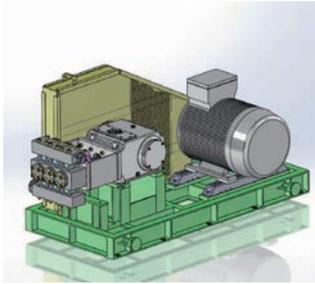


STP Series

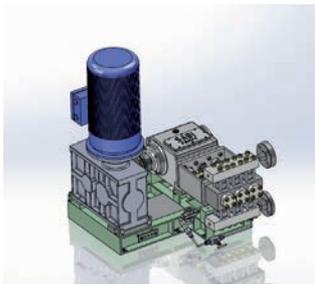
STP dimensions (mm)



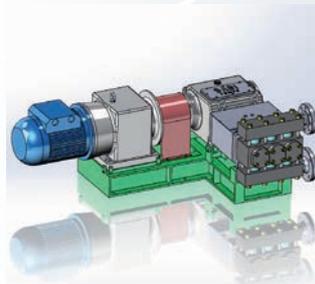
Different arrangement mounting type:



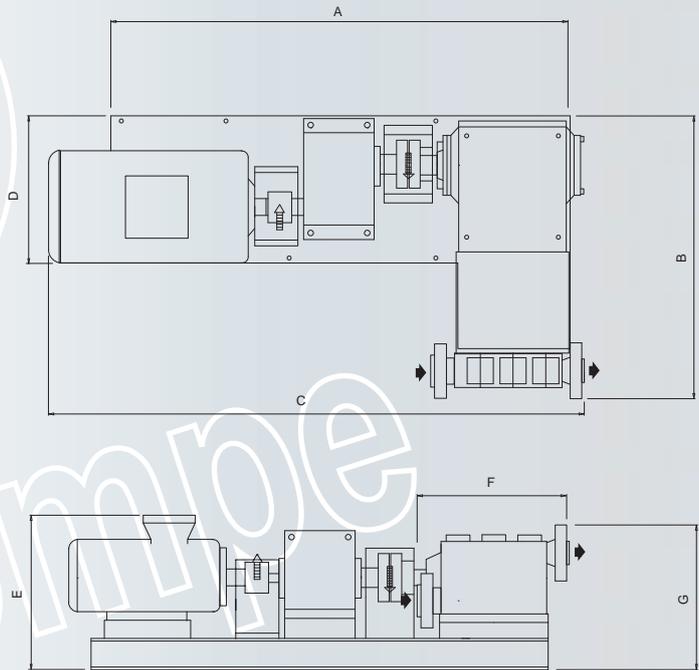
V Belt transmission horizontal and vertical arrangement



Orthogonal gear & vertical motor



Coaxial gear reducer with horizontal motor

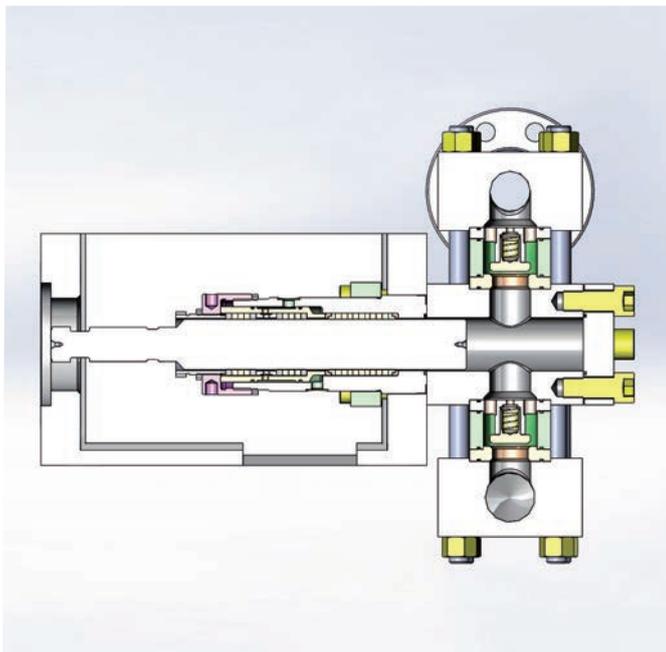


The dimensions are approximate and not binding

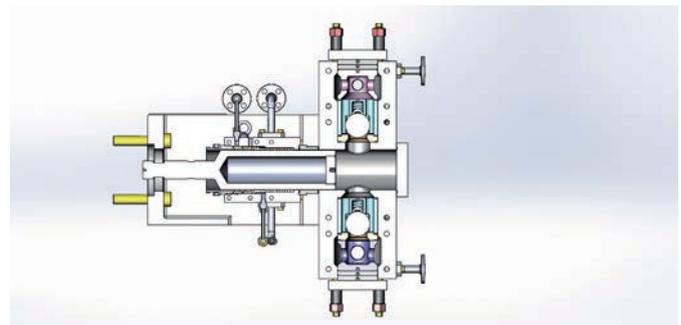
CHARACTERISTICS AND DIMENSIONS

PUMP TYPE	THRUST Kg	STROKE mm	POWER Kw	A	B	C	D	E	F	G	WEIGHT Approx Kg
STP1	2500	46	45	1550	850	1800	400	540	315	415	480
STP2	4000	75	100	1745	1088	2095	600	720	635	560	1100
STP3	9000	120	180	2800	1700	3300	900	1200	800	1050	3000

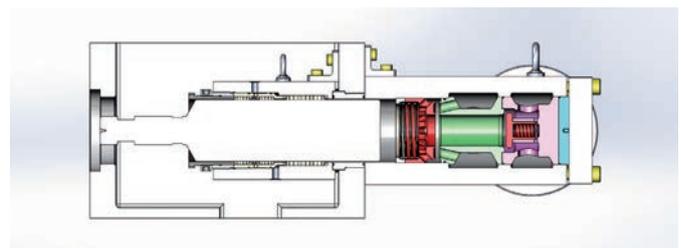
Pumping Heads



Valve plug type



High temperature arrangement with heating jacket and ball valves



Horizontal valve hydraulic end for extreme pressure

SABI Srl

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