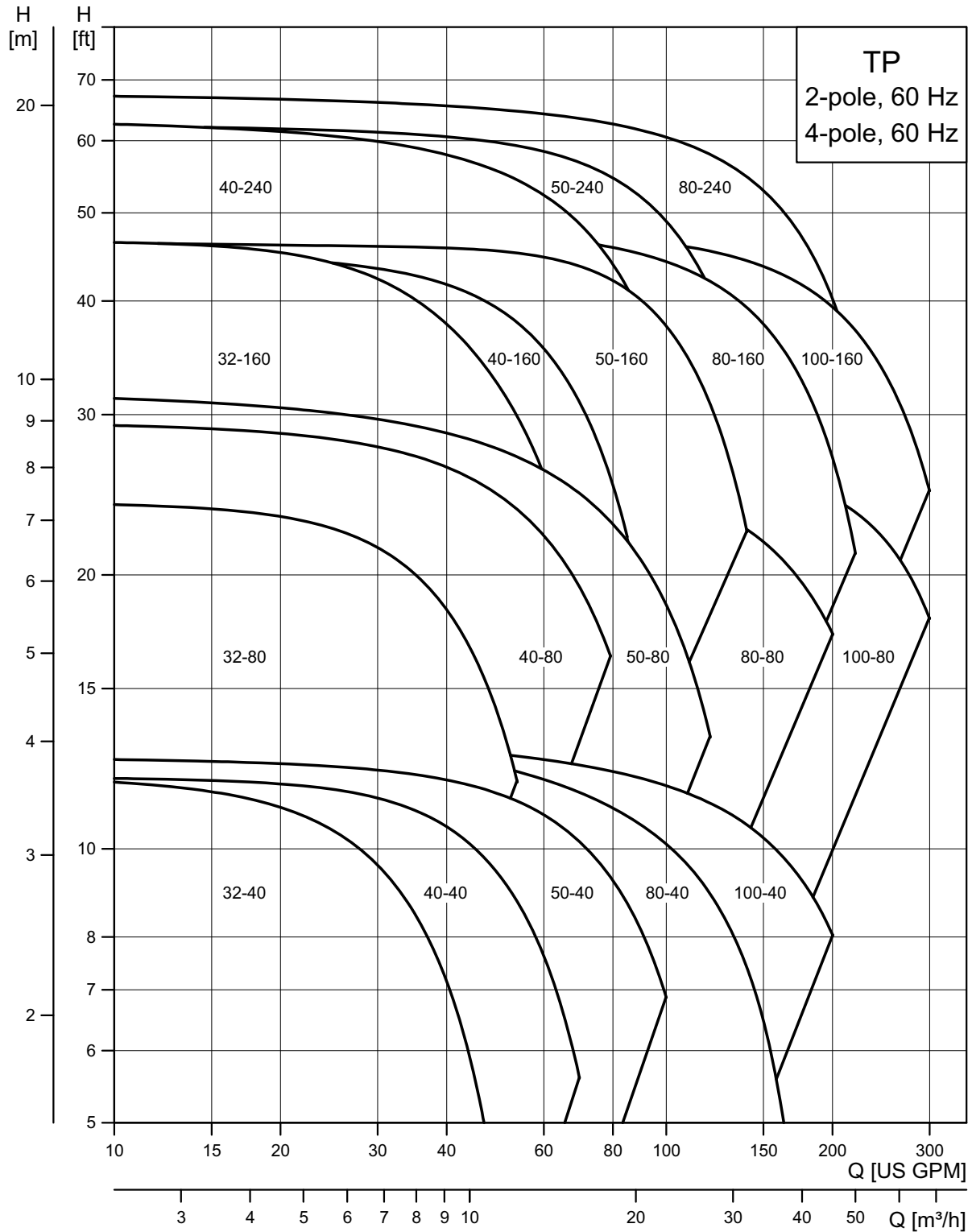


## 2. Product overview

### Performance range, TP



TM02 5104 4011

Fig. 2 Performance range, TP

### 3. Construction

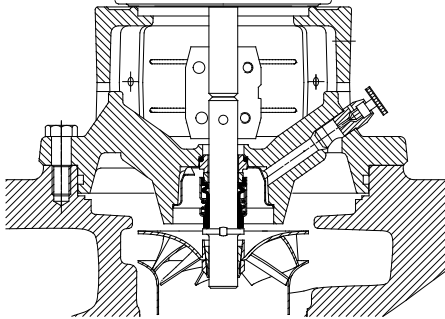
#### Construction, TP

The TP pump is a single-stage, in-line centrifugal pump with standard motor and mechanical shaft seal.

The pumps are of the top-pull-out design, i.e. pump head (motor, motor stool and impeller) can be removed without interfering with the pipework on either side of the pump housing. Consequently, service work on even the biggest pumps can be performed by a single person.

#### Material specification, TP

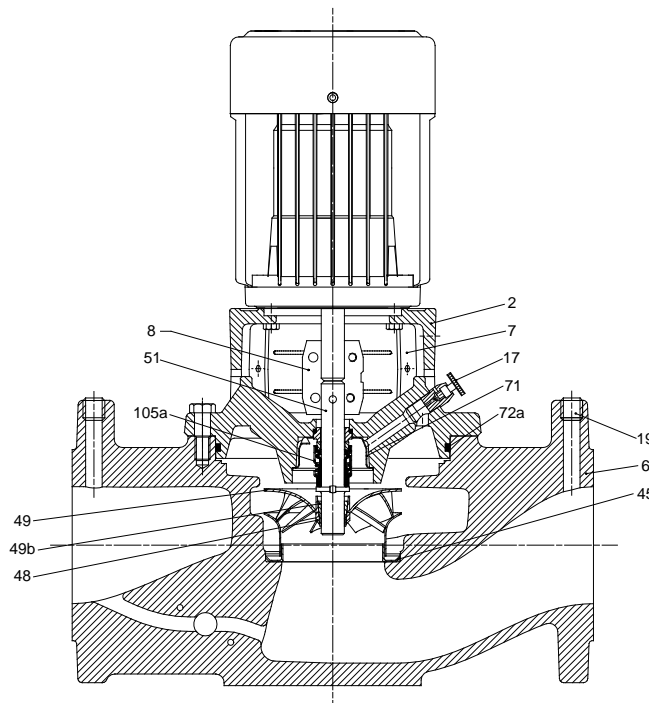
Pos.	Description	Materials	AISI, ASTM
2	Motor stool	Cast iron	
6	Pump housing	Cast iron	
7	Coupling guard	Stainless steel	304
8	Coupling	Sintered metal HPX PNC45	
17	Vent screw	Brass	
19	Pipe plug	Stainless steel	303
45	Neck ring	Stainless steel/ Teflon	
48	Split cone nut	Stainless steel	430F
49	Impeller	Stainless steel	304
49b	Split cone	Stainless steel	304
51	Shaft	Stainless steel	431
71	Distributing cup	Stainless steel	304
72a	O-ring/flat gasket	EPDM rubber	
105a	Shaft seal		



TM00 2265 4696

Fig. 3 Internal cross section, TP shaft and shaft seal

#### Sectional drawing, TP



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Fig. 4 Sectional drawing, TP