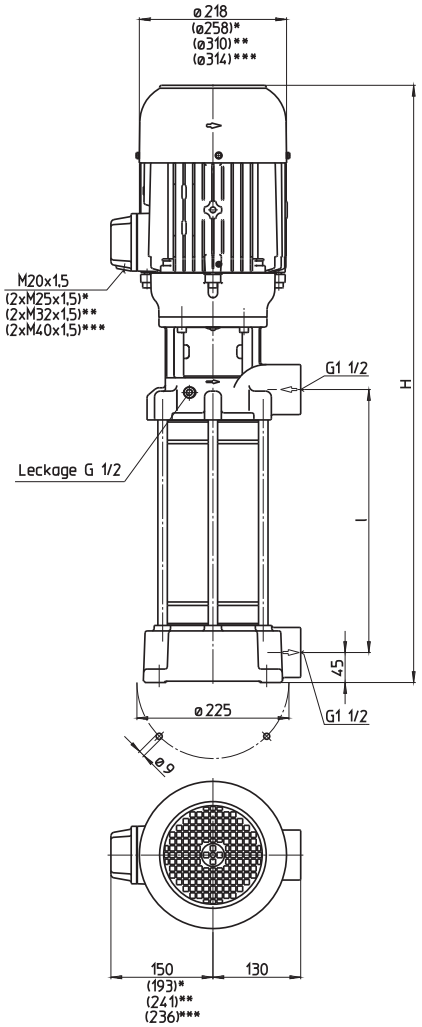
Pressure Boosting Pumps
FH17

Closed impellers

60 Hz

FH1702...1711



*) Dimensions for FH1704...1705
**) Dimensions for FH1706...1708
***) Dimensions for FH1709...1711

Type	Vol. del. at manom. del. head l/min /m	Height H mm	Length l mm	Weight kg	Power kW	Voltage 3 ~ V	Frequency Hz	Current A	Speed 1/min
FH1702B18	300/37	741	212	60	3.8	460	60	6.4	3520
FH1703B28	300/58	867	308	66	5.75	460	60	9.5	3520
FH1704B28	300/80	943	308	91	8.6	460	60	13.7	3550
FH1705B38	300/99	1040	404	120	10.3	460	60	15.8	3550
FH1706B38	300/118	1048	404	123	12.6	460	60	19.5	3560
FH1707B47	300/140	1144	500	126	15.0	460	60	23.6	3560
FH1708B47	300/160			128					
FH1709B57	300/180	1545	596	154	17.3	460	60	27	3555
FH1710B57	300/200	1594	596	173	21.3	460	60	32	3555
FH1711B66	300/219	1690	692	175					

60 Hz

Pressure Boosting Pumps

series TH and FH use **closed impellers** in order to minimize power consumption and to optimize hydraulic pump efficiencies.
In addition, the TH series offers high pressures at short immersion depths.
Inline pumps of the series FH can be used as **boosting pumps** if provided with positive inlet pressure. This inlet pressure can be provided by the central coolant supply or a feed pump. In such a setup, pumps of the series FH can raise the incoming pressure by up to 26 bar.
A frequency converter can be supplied for **special applications** or for matching the pump characteristic to a specific duty point.
See page "Control/Regulation" in the Technical Information section of this catalog for further information.

Applications

Types of fluid
- Industry water
- coolants
- cooling/cutting oils

Kinematic viscosity
- ...25 mm²/s (25 cSt)

Pumping temperature
- 0...80° C

Construction

Pump body	cast iron
Cover	cast iron
Impellers	CrNi-steel
Shaft	CrNi-steel
Diffusers	CrNi-steel
Mechanical seal	SiC
O-rings	Viton

Noise level

FH1702...FH1703	74 dBA
FH1704...FH1705	77 dBA
FH1706...FH1708	79 dBA
FH1709...FH1711	81 dBA