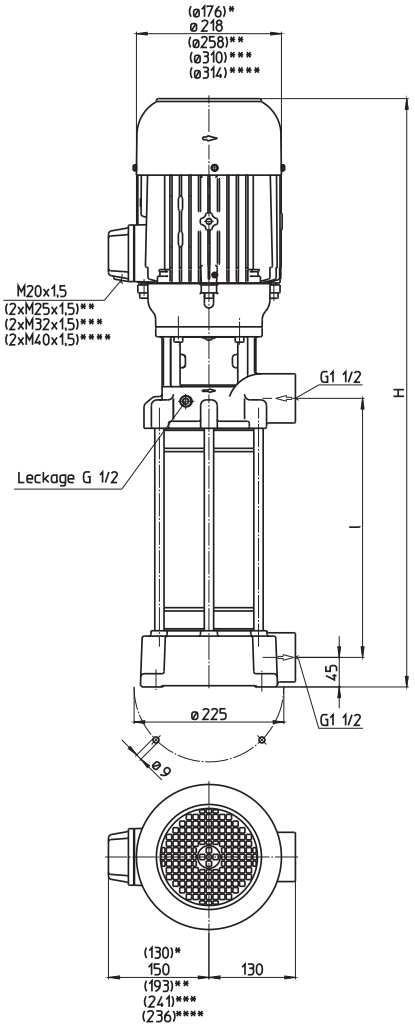
Pressure Boosting Pumps
FH14

Closed impellers

60 Hz

FH1402...1412



*) Dimensions for FH1402
**) Dimensions for FH1405...1407
***) Dimensions for FH1408...1410
****) Dimensions for FH1411...1412

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
FH1402B18	250/38	702	212	48	2.94	460	60	5.1	3480
FH1403B28	250/58	837	308	62	4.55	460	60	7.9	3520
FH1404B28	250/77	867	308	68	6.3	460	60	10.4	3510
FH1405B38	250/96	1040	404	98	8.6	460	60	13.7	3550
FH1406B38	250/111			99					
FH1407B47	250/128	1136	500	109	10.3	460	60	15.8	3550
FH1408B47	250/147	1144	500	127	12.6	460	60	19.5	3560
FH1409B57	250/165	1240	596	131	15.0	460	60	23.6	3560
FH1410B57	250/184			133					
FH1411B66	250/203	1641	692	161	17.3	460	60	27	3555
FH1412B66	250/222			164					

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

FH1402	66 dBA
FH1403...FH1404	74 dBA
FH1405...FH1407	77 dBA
FH1408...FH1410	79 dBA
FH1411...FH1412	81 dBA