

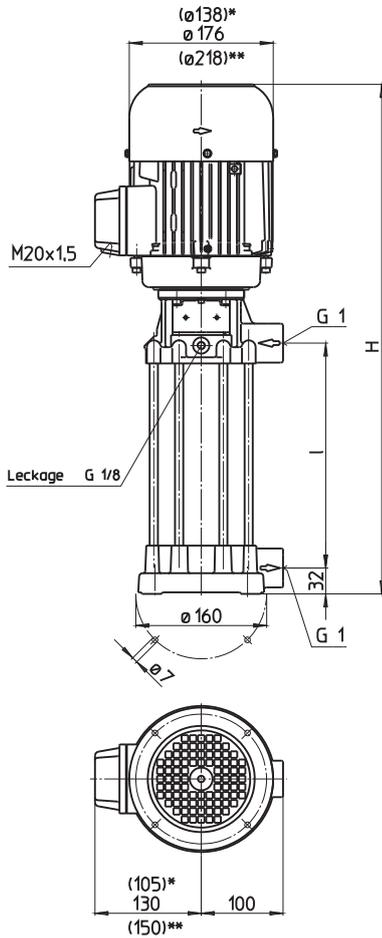
Pressure Boosting Pumps

FH6

Closed impellers



FH603...624



*) Dimensions for FH603...FH605
 **) Dimensions for FH612...FH624

Type	Vol. del. at manom. del. head l/min /m	Height H mm	Length l mm	Weight kg	Power kW	Voltage 3~ V	Fre- quen- cy Hz	Current A	Speed 1/min
FH603B19	80/28	529	197	19.9	0.86	460	60	1.85	3440
FH604B19	80/38	529	197	21	1.06	460	60	2.1	3440
FH605B24	80/48	606	247	22	1.27	460	60	2.4	3440
FH606B24	80/58	628	247	28	1.75	460	60	3.1	3470
FH607B29	80/68	704	297	32	1.95	460	60	3.5	3480
FH608B29	80/78	736	297	35	2.18	460	60	3.9	3500
FH609B34	80/88	786	347	38	2.55	460	60	4.4	3480
FH610B34	80/98	786	347	39.0	2.94	460	60	5.1	3480
FH611B39	80/108	836	397	39.6					
FH612B39	80/118	829	397	52.3	3.45	460	60	6	3520
FH613B49	80/128	929	497	53.2	3.8	460	60	6.4	3520
FH614B49	80/139			53.5					
FH615B49	80/149	929	497	55.6	4.55	460	60	7.9	3520
FH616B49	80/159			55.8					
FH617B59	80/168	1029	597	56.3					
FH618B59	80/178	1059	597	60.3	5.75	460	60	9.5	3520
FH619B59	80/188			60.4					
FH620B59	80/198			60.5					
FH621B69	80/206	1159	697	61.2					
FH622B69	80/214			61.3					
FH623B69	80/222	1159	697	64.5	6.3	460	60	10.4	3510
FH624B69	80/232			64.7					

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
 1 mm²/s (1 cSt)
 higher viscosity upon request

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

Optional:	
Pump body	bronze
Cover	bronze

Noise level	
FH603...FH605	61 dBA
FH606...FH611	66 dBA
FH612...FH624	75 dBA

