Chemical motor block pump MB

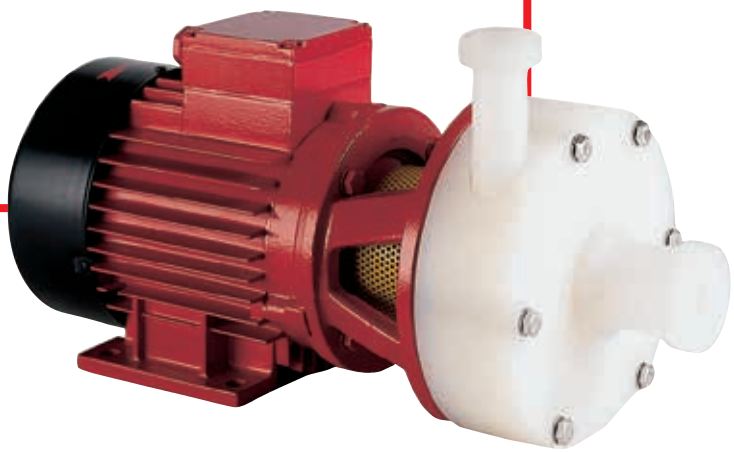
General

- Single-stage, normal-priming horizontal pump
- Pump head from high-quality thick-walled plastic
- Pipe line connection suction and pressure side with exterior thread
- Open impeller
- Corrosion-resistant
- Wetted-end parts made of highly resistant material
- Stainless steel pump shaft with shaft protection sleeve
- Mechanical seal systems depending on medium
- Vibration-free operation
- Special designs on request

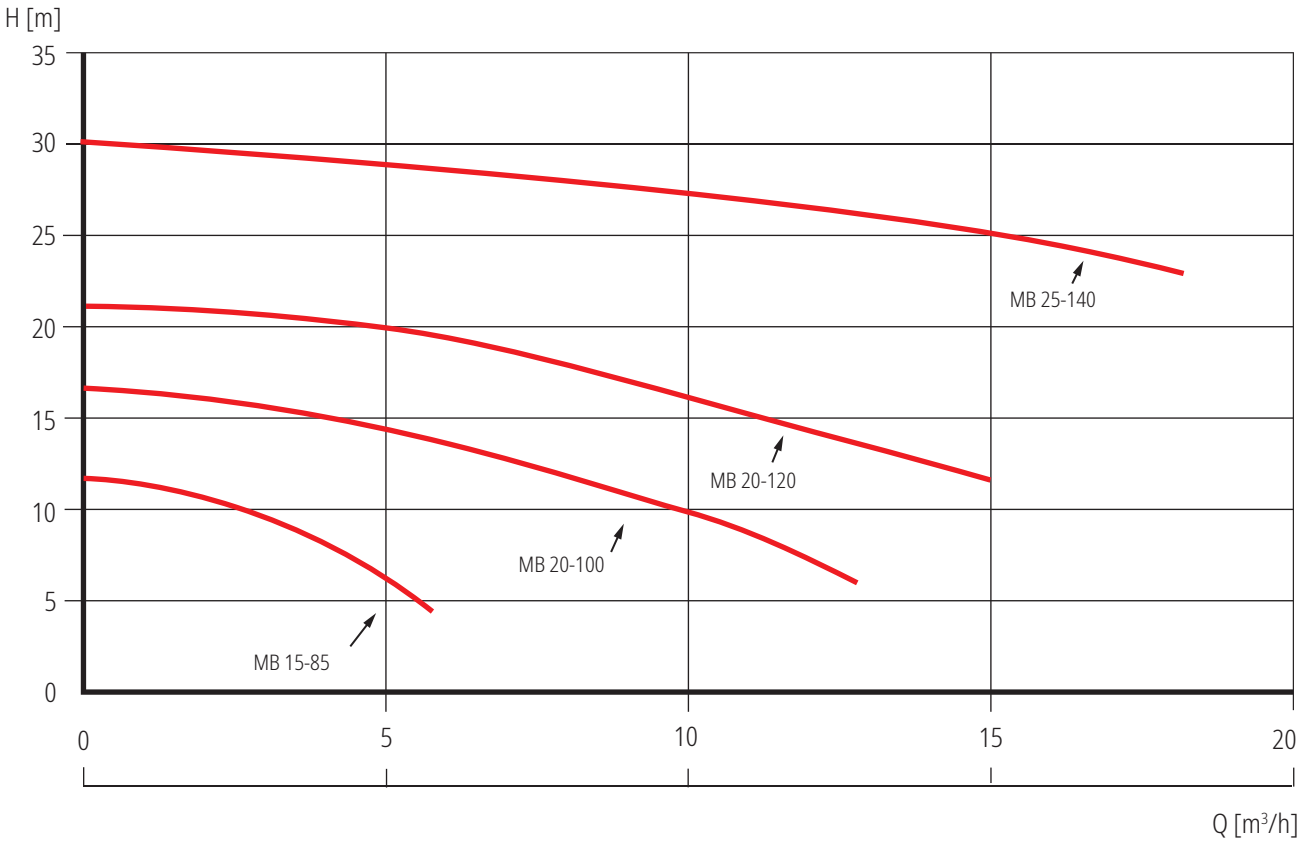
Technical data			
Model			Block construction
Materials			PP, PVDF
Max. delivery rate Q		m^3/h	19
Max. delivery head H		m	30
Motor output with speed 2900 min-1		kW	0.37 – 2.2
Ambient temperature		°C	5 – 40
Max. permissible media temperature depending on the medium	PP	°C	80
	PVDF	°C	120

Possible seal designs

- **B2i:** Single-acting, internal mechanical seal, independent direction of rotation
- **B2Q:** Single-acting, internal mechanical seal, independent direction of rotation with quenching chamber for supply of external liquid
- **B2D:** Double acting with chenching chamber for dual active barrier and buffer fluid systems



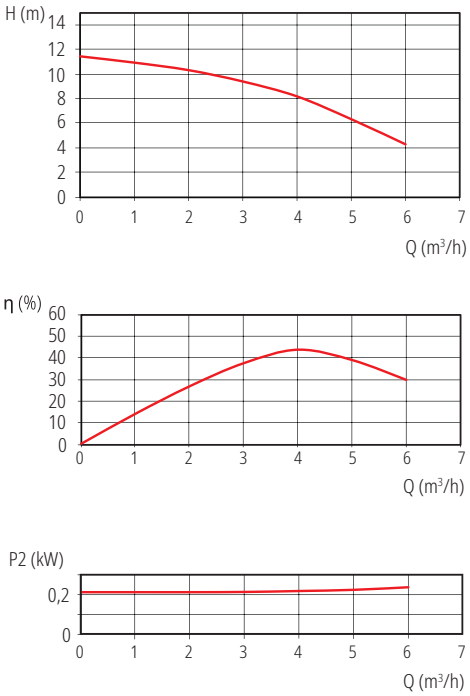
Characteristic curves



Individual characteristic curves

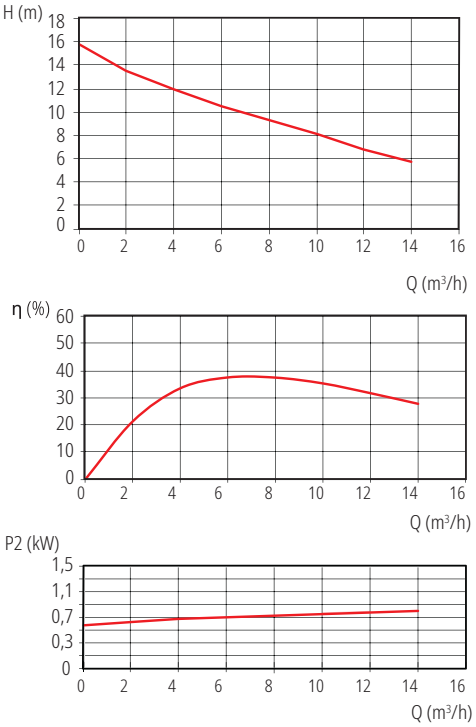
MB 15-85

Motor: 0.37 kW
Speed: 2900 min^{-1}



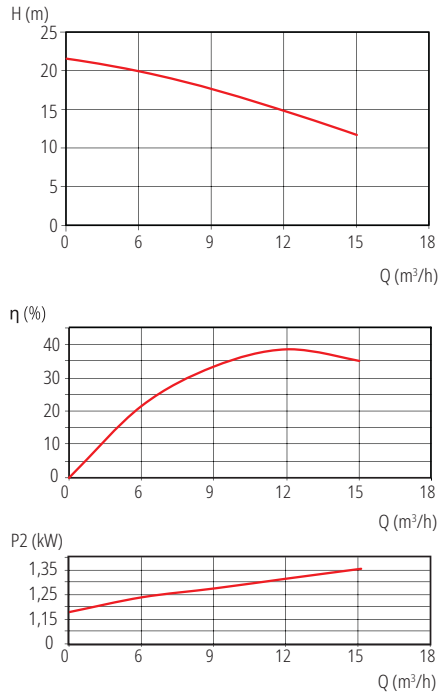
MB 20-100

Motor: 1.1 kW
Speed: 2900 min^{-1}



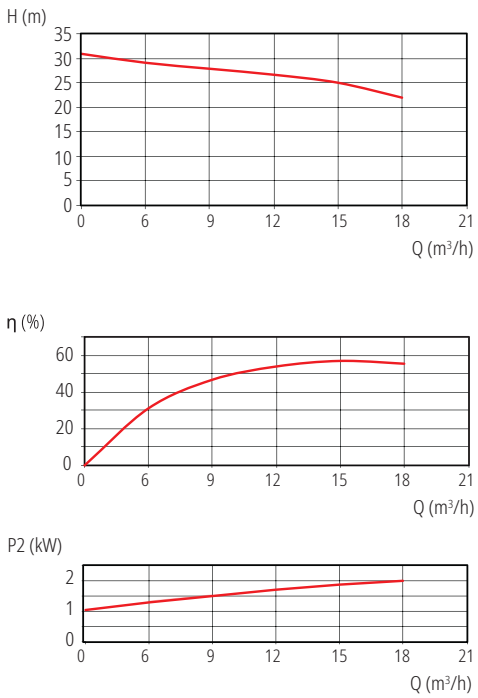
MB 20-120

Motor: 1.5 kW
Speed: 2900 min^{-1}



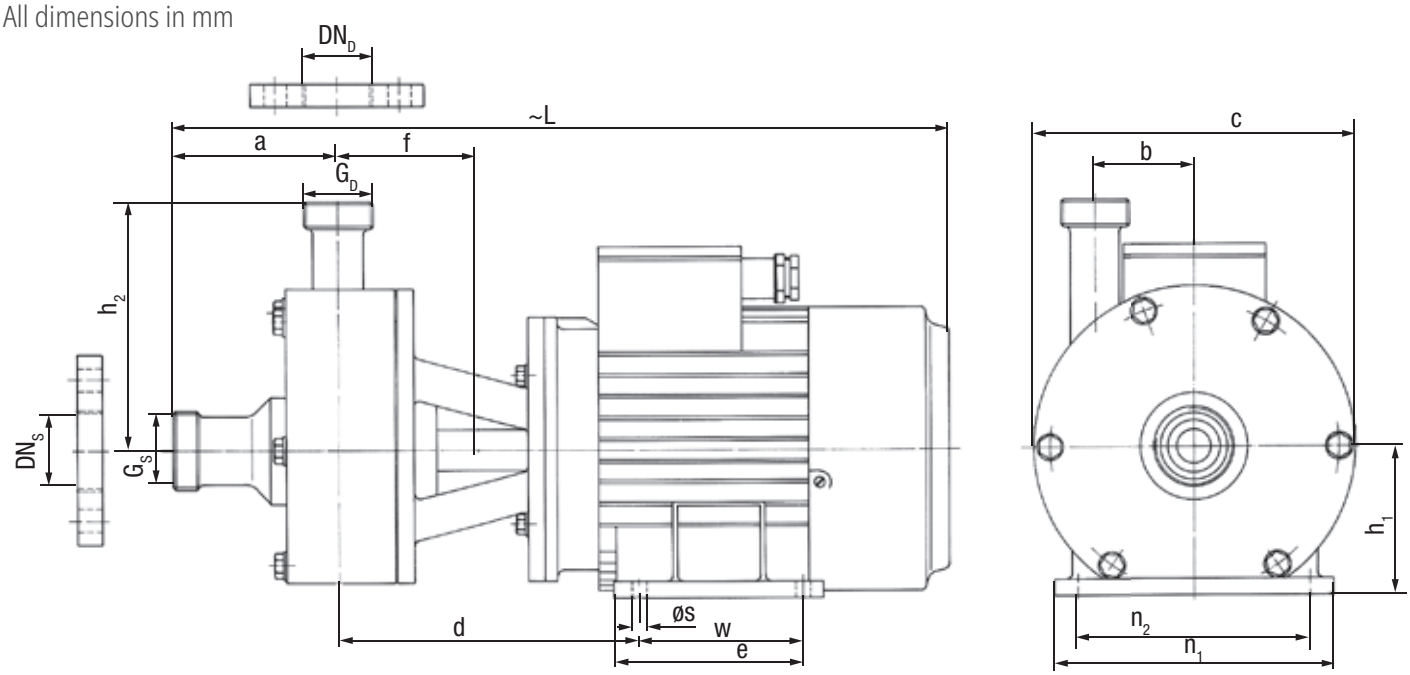
MB 25-140

Motor: 2.2 kW
Speed: 2900 min^{-1}



Dimensions

All dimensions in mm



Pump type	MB 15-85	MB 20-100	MB 20-120	MB 25-140
G_D thread outlet	G1 male	G1 1/4 male	G1 1/4 male	G1 1/2 male
G_S thread entry	G1 1/4 male	G1 1/2 male	G1 1/2 male	G2 male
DN_D flange outlet	15	20	20	25
DN_S flange entry	20	25	25	32
a	75	100	100	100
h_1	71	80	90	90
h_2	100	150	150	150
w	90	100	100	125
e	106	126	127	145
øs	7	10	10	10
b	40	60	60	60
n_1	132	150	167	167
n_2	112	125	140	140
c	125	195	195	195
d	137	174	180	180
~ L	373	452	476	486
f sealing chamber	60	87	87	87
f quenching chamber	60	83.5	83.5	83.5