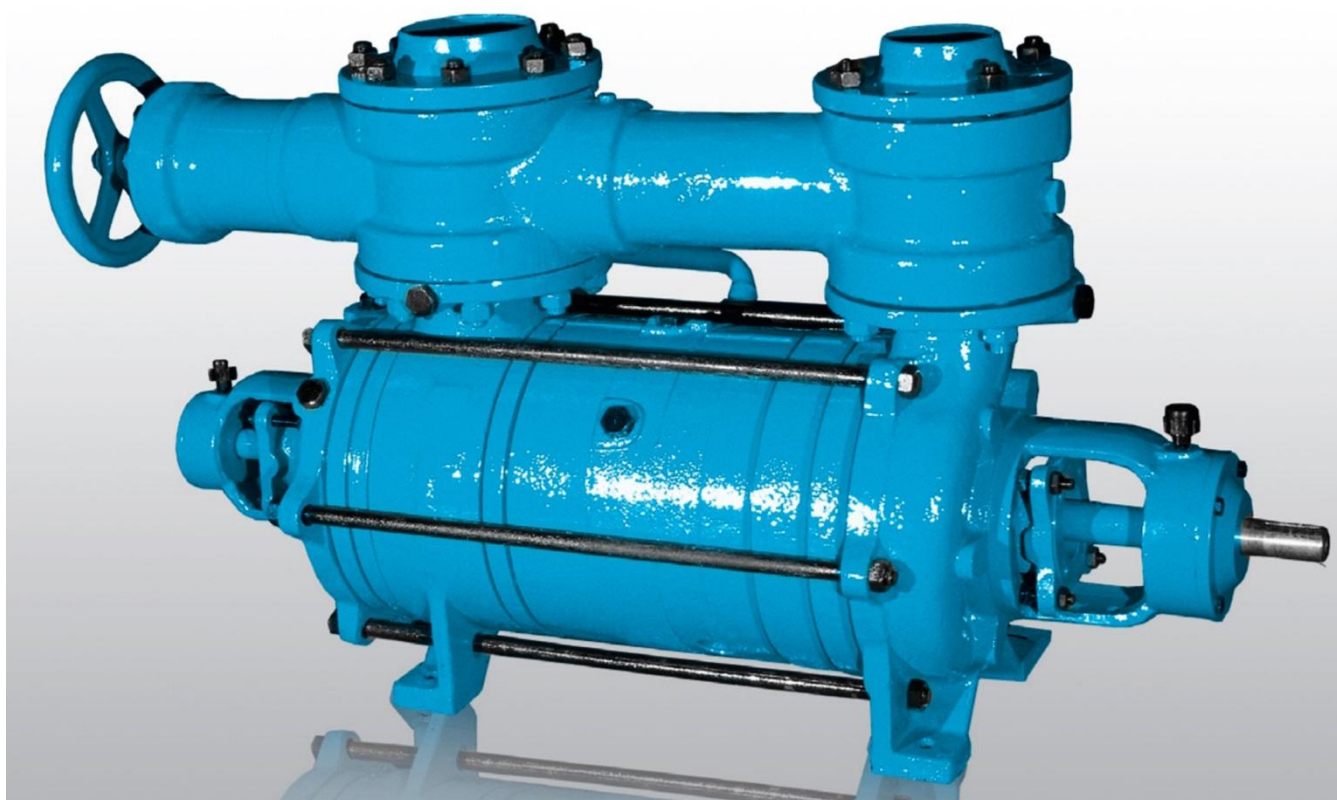




MZT PUMPI

***Self-priming multistage
centrifugal pumps for
petrol products series BCP***

Technical catalog





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1. GENERAL INFORMATION

1.1. Introduction

BCP series pumps are horizontal, multistage stage, self-priming, radially split pumps, designed for transfer of petrol products: benzene, kerosene, diesel...

1.2. Application

BCP series pumps can be applied for transport of low viscosity petrol products which does not chemically affect the pump material and without abrasive solid particles. General application is for transport of petrol products at petrol storage plants and terminals, refineries and petrol stations.

Capacity:	up to 200 [m ³ /h]
Differential head:	up to 200 [m]
Design pressure	up to 25 [bar]
Speed:	up to 3000 [rpm]
Temperature range:	up to 90 [°C]
Ambient temperature:	up to 50 [°C]

1.3. Pump type design

BCP type of pump is end suction centrifugal type of pump where following design solutions are applied:

- Horizontal design
- Foot mounted
- Self-priming
- Ring section multistage pump
- Vacuum impeller (for self-priming)
- Cavitation impeller
- Closed regular impellers
- Over pressure safety valve

1.4. Pump type key (Designation)

Example:



1.5. Self-priming possibilities

BCP pumps have self-priming possibilities with capacity 30 [m3/h]. Maximal period for pump to run in self-priming mode is 10 minutes. It means that suction line should be designed in accordance with these pump performances, or the suction line should be filled before to start the pump.

**2. TECHNICAL DETAILS****2.1. Materials**

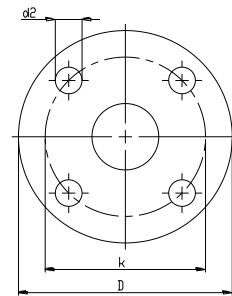
	Pump Part	Material	DIN Material Denomination	EN Material Denomination
1	Volute casing	Cast iron	GG-25	EN-GJS-400-18-LT
2	Impeller	Cast iron / Bronze	GG-25	EN-GJL-250
4	Shaft	Stainless Steel	1.4021	1.4021
5	Bearing bracket	Cast iron	GG-25	EN-GJL-250
6	Impeller nut	Steel	1.1191	C 45 E
7	Wearing rings	Bronze	GG-25	EN-GJL-250
8	Foot	Cast iron	GG-25	EN-GJL-250
9	Bearing Cover	Cast iron	GG-25	EN-GJL-250

2.2. Flange connections

Suction (axial) and discharge (top) flanges are in accordance with EN 1092-1 PN16

Suction Flange Nominal Diameter DN	Outside Diameter D	Bolt circle K	Bolt Number n	Bolt Holes d ₂
32	140	100	4	18
40	150	110	4	18
50	165	125	4	18
65	185	145	8	18
80	200	160	8	18
100	220	180	8	18
125	250	210	8	18
125	250	210	8	18
150	285	240	8	22

Note: Different flange connections than presented can be provided on request.

**2.3. Permissible flange forces and moments**

Permissible flange forces and moments are in accordance with ISO 5199

2.4. Bearings & Lubrication

BCP 10: Suction side-plate bronze bearing; discharge side-rolling elements type grease lubricated
 BCP 60 / BCP 150 / BCP 200 : Suction and discharge side - rolling elements type grease lubricated

2.5. Shaft sealing

Shaft sealing for pumps series BCP is performed with single mechanical seal, unbalanced type.
 As a standard version, Burgmann M32N is applied with material combination BSVGG.

2.6. Direction of rotation

Direction of rotation is clock vice viewed from the motor side.

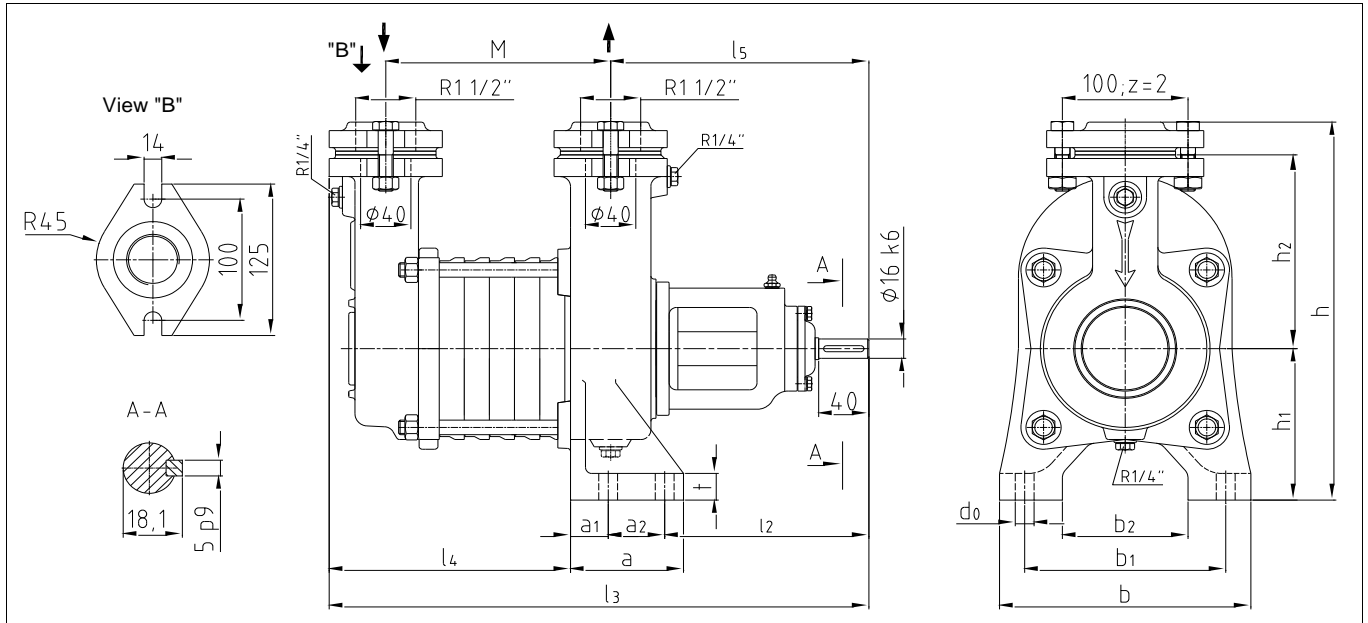
2.7. Over pressure safety valve

BCP pumps sizes 60, 150 and 200 are equipped with an over pressure safety valve for protection of pump, pipeline, instruments and armature.



3. DIMENSIONS - PUMP BARE SHAFT OUTLINE DRAWINGS

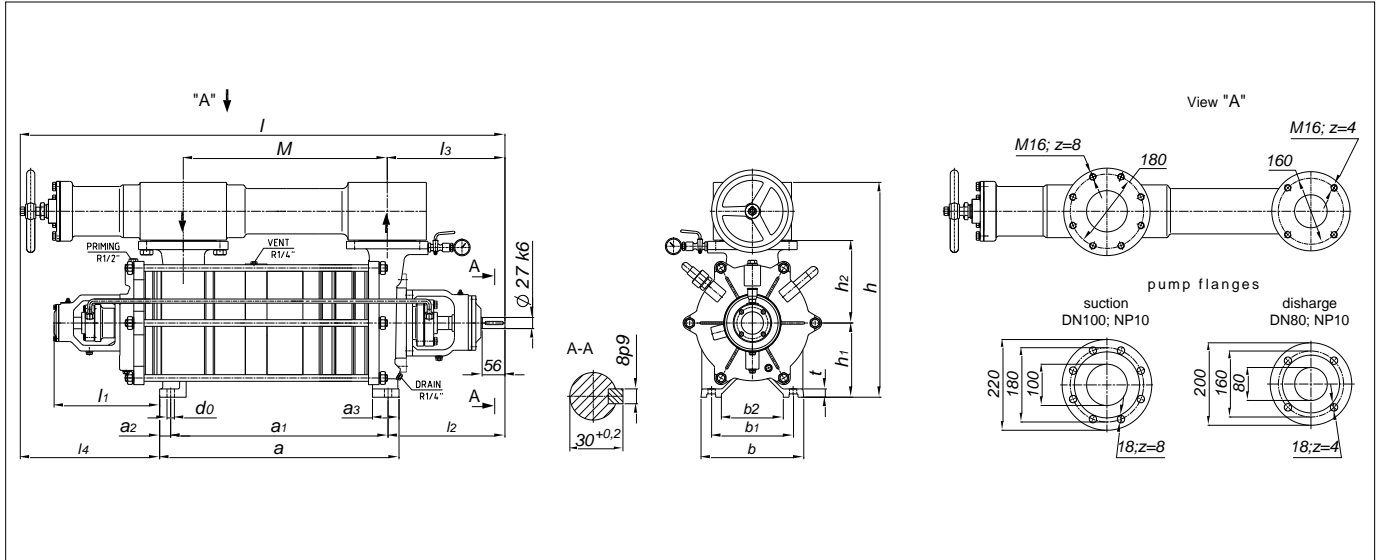
3.1. BCP 10- PUMP BARE SHAFT OUTLINE DRAWING



Pump type	Dimensions (mm)																G (kg) pump
	M	a	a1	a2	b	b1	b2	l2	l3	l4	l5	h	h1	h2	t	d0	
BCP10-2	99	90	30	45	200	160	100	162,5	349,5	112	205,5	312	125	160	22	15	21
BCP10-3	119								369,5	132							24
BCP10-4	139								389,5	152							27
BCP10-5	159								409,5	172							30
BCP10-6	179								429,5	192							33
BCP10-7	199								449,5	212							36
BCP10-8	219								469,5	232							39
BCP10-9	239								489,5	252							42
BCP10-10	259								509,5	272							45



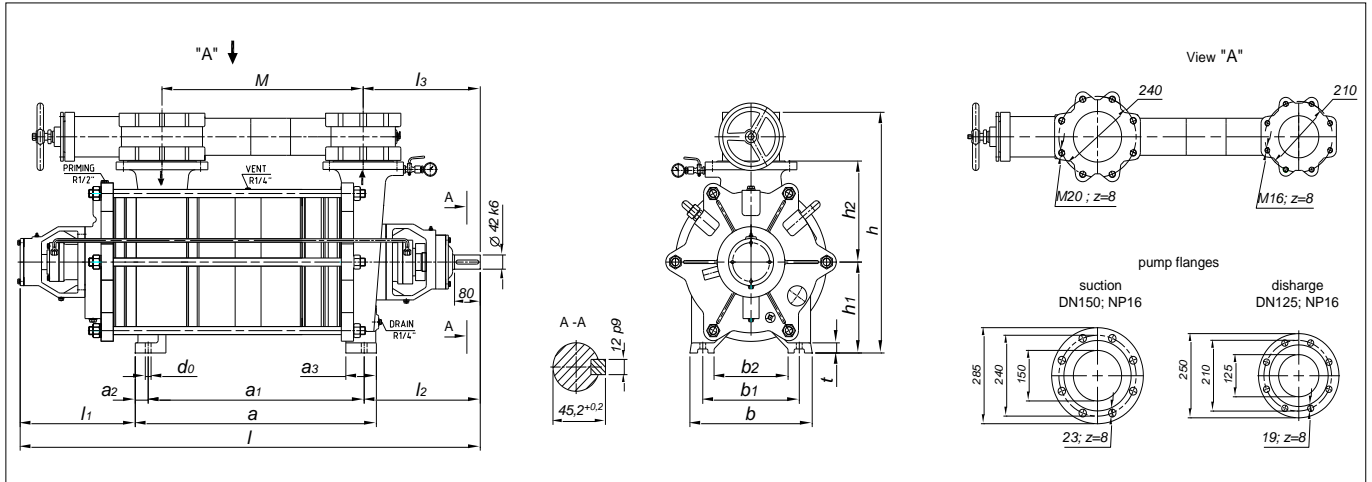
3.2. BCP 60- PUMP BARE SHAFT OUTLINE DRAWING



Pump type	Dimensions (mm)																	Weight Kg	
	M	a	a ₁	a ₂	a ₃	b	b ₁	b ₂	l	l ₁	l ₂	l ₃	l ₄	h	h ₁	h ₂	t		d ₀
BCP60-1	339,5	426,5	372,5	27	65	252	200	152	1028,5	259	287	289	342	521	180	200	20	15	190
BCP60-2	420	507	453						1109										215
BCP60-3	500,5	587,5	533,5						1189,5										233
BCP60-4	581	668	614						1270										251
BCP60-5	661,5	748,5	694,5						1350,5										268



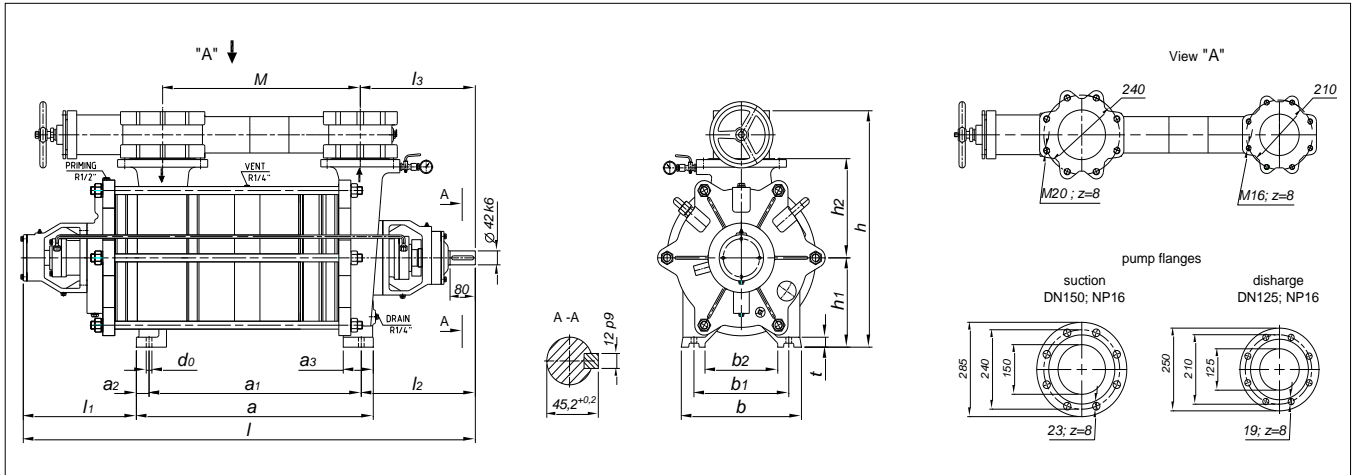
3.3. BCP 150- PUMP BARE SHAFT OUTLINE DRAWING



Pump type	Dimensions (mm)																	Weight kg
	M	a	a ₁	a ₂	a ₃	b	b ₁	b ₂	l	l ₁	l ₂	l ₃	h	h ₁	h ₂	t	d ₀	
BCP150-1	504,5	628,5	550,5	40	95	380	300	230	1310	358	361	364	715	270	300	30	18	410
BCP150-2	625,5	749,5	671,5						1430									465
BCP150-3	746,5	870,5	792,5						1552									520
BCP150-4	867,5	991,5	913,5						1672									575
BCP150-5	988,5	1112,5	1034,5						1794									630
BCP150-6	1109,5	1233,5	1155,5						1914									685



3.4. BCP 200- PUMP BARE SHAFT OUTLINE DRAWING

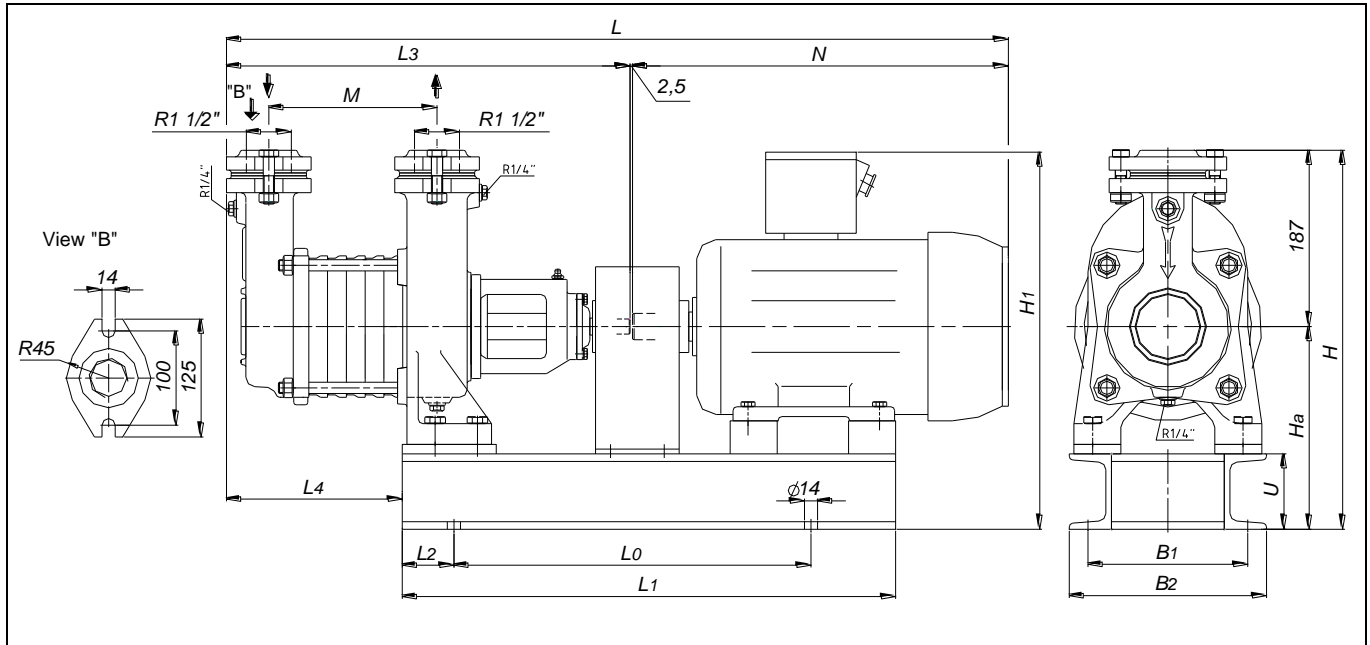


Pump type	Dimensions (mm)																Weight kg		
	M	a	a ₁	a ₂	a ₃	b	b ₁	b ₂	l	l ₁	l ₂	l ₃	h	h ₁	h ₂	t		d ₀	
BCP200-1	504,5	628,5	550,5	40	95	380	300	230	1310	358	361	364	715	270	300	30	18		
BCP200-2	625,5	749,5	671,5						1430										410
BCP200-3	746,5	870,5	792,5						1552										465
BCP200-4	867,5	991,5	913,5						1672										520
BCP200-5	988,5	1112,5	1034,5						1794										575
BCP200-6	1109,5	1233,5	1155,5						1914										630
																			685



4. DIMENSIONS - PUMP UNIT OUTLINE DRAWINGS

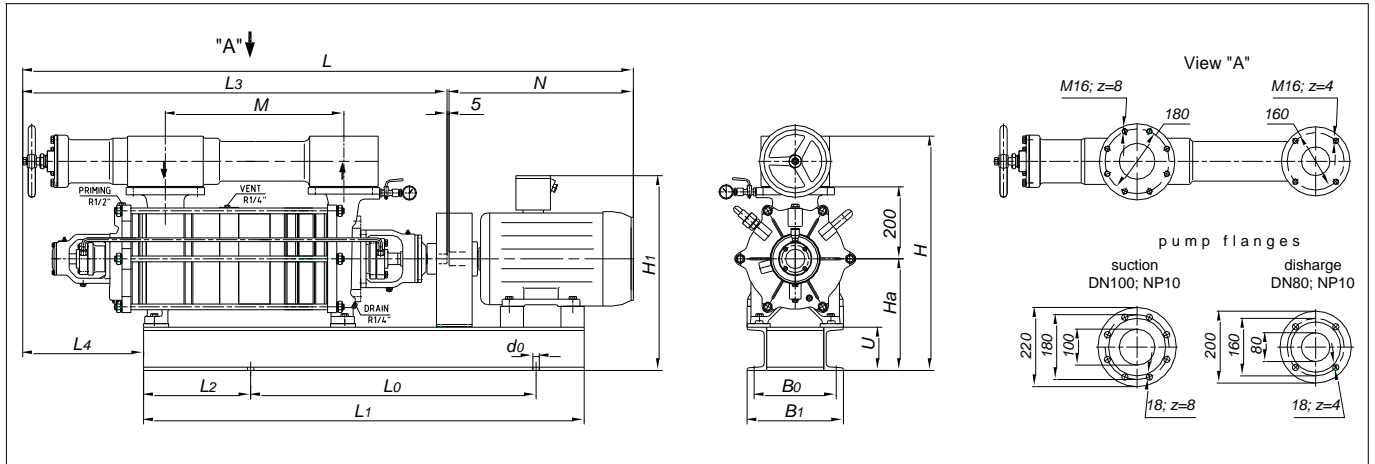
4.1. BCP10 - PUMP UNIT OUTLINE DRAWING



Pump type	Electric motor			Dimensions (mm)														G (kg)	
	rpm	kW	frame	M	L	L ₀	L ₁	L ₂	L ₃	L ₄	H	H ₁	H _a	B ₁	B ₂	N	U	pump	agg.
BCP10-2	2900	1.1	80B	99	632	330	455	55	349,5	107	402	385	215	160	200	280	80	21	48
BCP10-3		1.5	90S	119	700	345	470		369,5	127		328						24	55
BCP10-4		2,2	90L	139	751	360	495		389,5	147		405						27	62
BCP10-5				159	771		409,5		167	400		30						65	
BCP10-6		3	100L	179	832	380	525		429,5	187		400		170	210	400		33	82
BCP10-7				199	852		449,5		207	36		85							
BCP10-8		4	112M	219	884	390	535		469,5	227		430		180	220	412		39	104
BCP10-9				239	904		489,5		247	42		108							
BCP10-10		5,5	132S	259	984	415	575	50	509,5	267	412	456	225	235	275	472		45	117



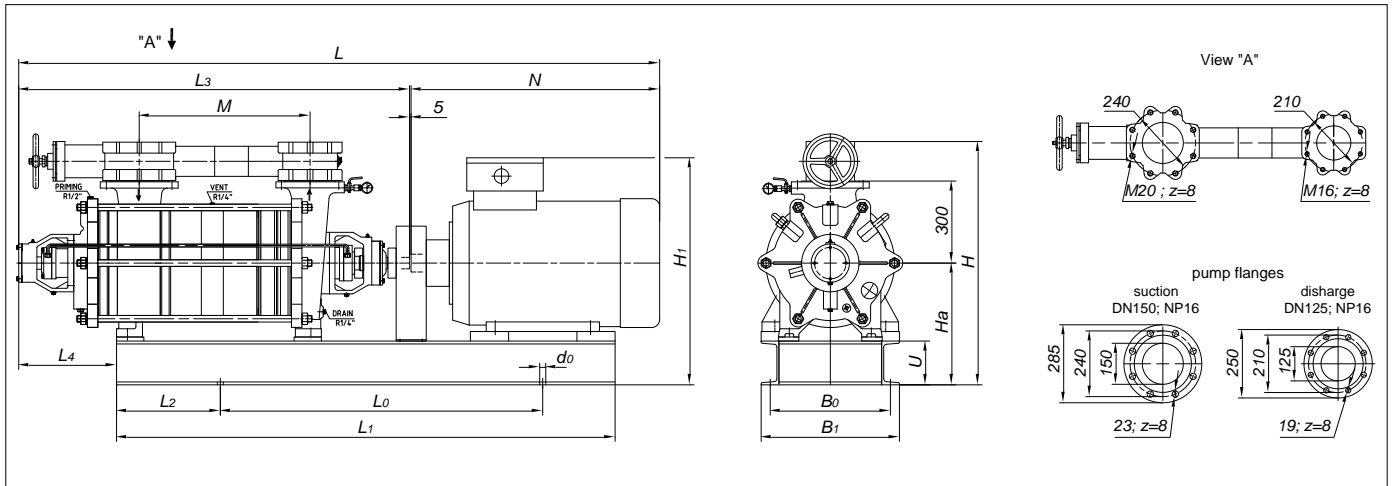
4.1. BCP60 - PUMP UNIT OUTLINE DRAWING



Pump type	Electric Motor		Dimensions (mm)															G (kg)							
	rpm	kW	frame	M	L	L ₀	L ₁	L ₂	L ₃	L ₄	H	H ₁	H _a	B ₀	B ₁	N	U	d ₀	pump	unit					
BCP60-1	1450	5,5	132S	339,5	1505	720	1030	220	1028	339	651	541	310	230	280	472	120	18	190	378					
BCP60-1a		4	112M		1445	680	995					525		205	260	412				370					
BCP60-1b		7,5	132M		420	1631	780					1150		255	1109	541				230	280	517	215	405	
BCP60-1c						5,5	132S					1586				765				1115	215	270			472
BCP60-2		11	160M	500,5	1790	885	1315	300	1189		689	633	348	245	305	595	160	233	475						
BCP60-2a					7,5	132M	1712				800	1235	651	541	310	230	270			517	120	425			
BCP60-2b		15	160L				1915				955	1440	335	1270	595	285	345			640	251		581		
BCP60-2c					11	160M	581				1870	765	1400		345		691			635		350		325	595
BCP60-3		18,5	180M	661,5	2015	1000	1520	370	1350		659	613	318	285	350	660	120	268	581						
BCP60-3a					15						160L	1995	699		635	358	345			640	160	557			
BCP60-3b		11	160M									1870	765		1400	345	691			635	350		325	595	160
BCP60-3c					7,5						132M	1712	800		1235	300	1189			651	541	310	230	270	517
BCP60-4		15	160L	661,5	2015	1000	1520	370	1350		659	613	318	285	350	660	120	268	581						
BCP60-4a					11						160M	1870	765		1400	345	1270			691	635	350	325	595	160
BCP60-4b		7,5	132M									1712	800		1235	300	1189			651	541	310	230	270	517
BCP60-5					18,5						180M	661,5	2015		1000	1520	370			1350	659	613	318	285	350
BCP60-5a		15	160L	1995	699	635	358	285	345		640	160	557												
BCP60-5b				11	160M	581	1870	765	1400		345	1270		691	635	350	325	595	160	556					



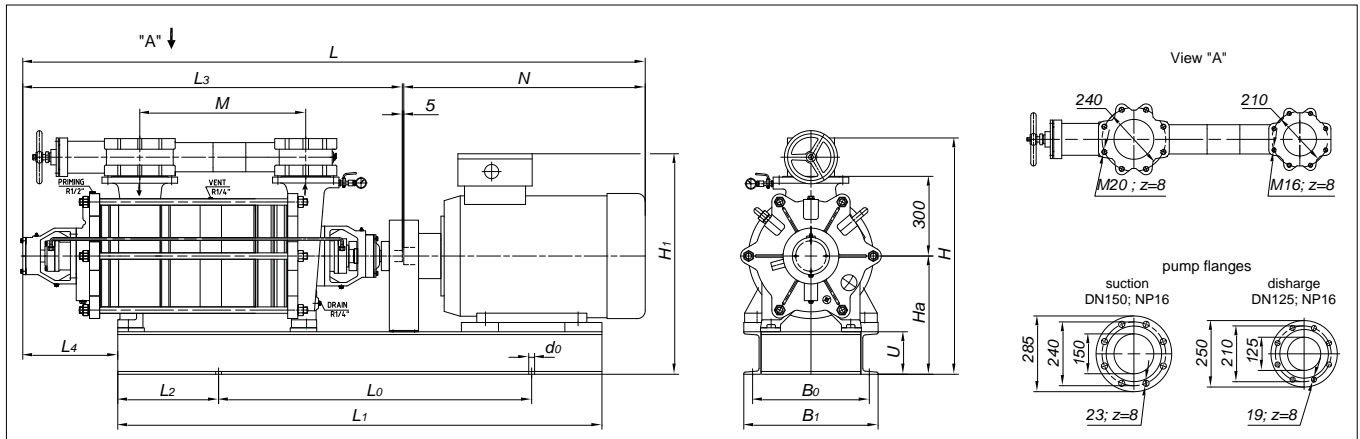
4.3. BCP150 - PUMP UNIT OUTLINE DRAWING



Pump type	Electric motor			Dimensions (mm)															G(kg)												
	rpm	kW	frame	M	L	L ₀	L ₁	L ₂	L ₃	L ₄	H	H ₁	H _a	B ₀	B ₁	N	U	d ₀	pump	unit											
BCP150-1	1450	30	200L	504,5	2104	1030	1550	320	1310	358	890	787	445	330	400	790	160	22	410	760											
BCP150-1a																															
BCP150-1b																															
BCP150-1c																															
BCP150-1d		22	180L	2020	1000	1500	380	1430	895	810	450	395	460	865	465	887															
BCP150-2a		18,5	180M			1475											395	380	705												
BCP150-2b		45	225M	625,5	2300	1140	1720	380	1430	895	810	450	395	460	865	465	830														
BCP150-2c		37	225S															1710													
BCP150-3		30	200L															2225	1090	1670	890	787	445	330	400	789					
BCP150-3a		75	280S	746,5	2596	1270	2010	440	1551	358	900	890	455	495	557	1040	160	22	520	1245											
BCP150-3b		55	250M																		2467	1290	1945	380	890	830	445	440	506	910	1163
BCP150-3c		45	225M																		2422	1260	1840	895	810	450	395	460	865		
BCP150-4		75	280S	867,5	2717	1355	2110	500	1672	358	900	890	455	495	557	1040	160	22	575	1310											
BCP150-4a		55	250M																		2587	2065	890	830	445	440	506	910	1265		
BCP150-5		90	280M	988,5	2838	1470	2275	500	1793	358	905	895	460	565	628	1040	160	22	630	1450											
BCP150-5a		75	280S																		2230	900	890	455	495	557	1430				
BCP150-5c	110	315S	2470																		980	1030	535	565	630	1300	1650				
BCP150-6a	90	280M	1109,5	2960	1470	2395	555	1914	358	945	935	500	495	580	1040	160	200	685	1505												
BCP150-6c	75	280S																		2360	940	930	495	1485							



4.4. BCP200 - PUMP UNIT OUTLINE DRAWING

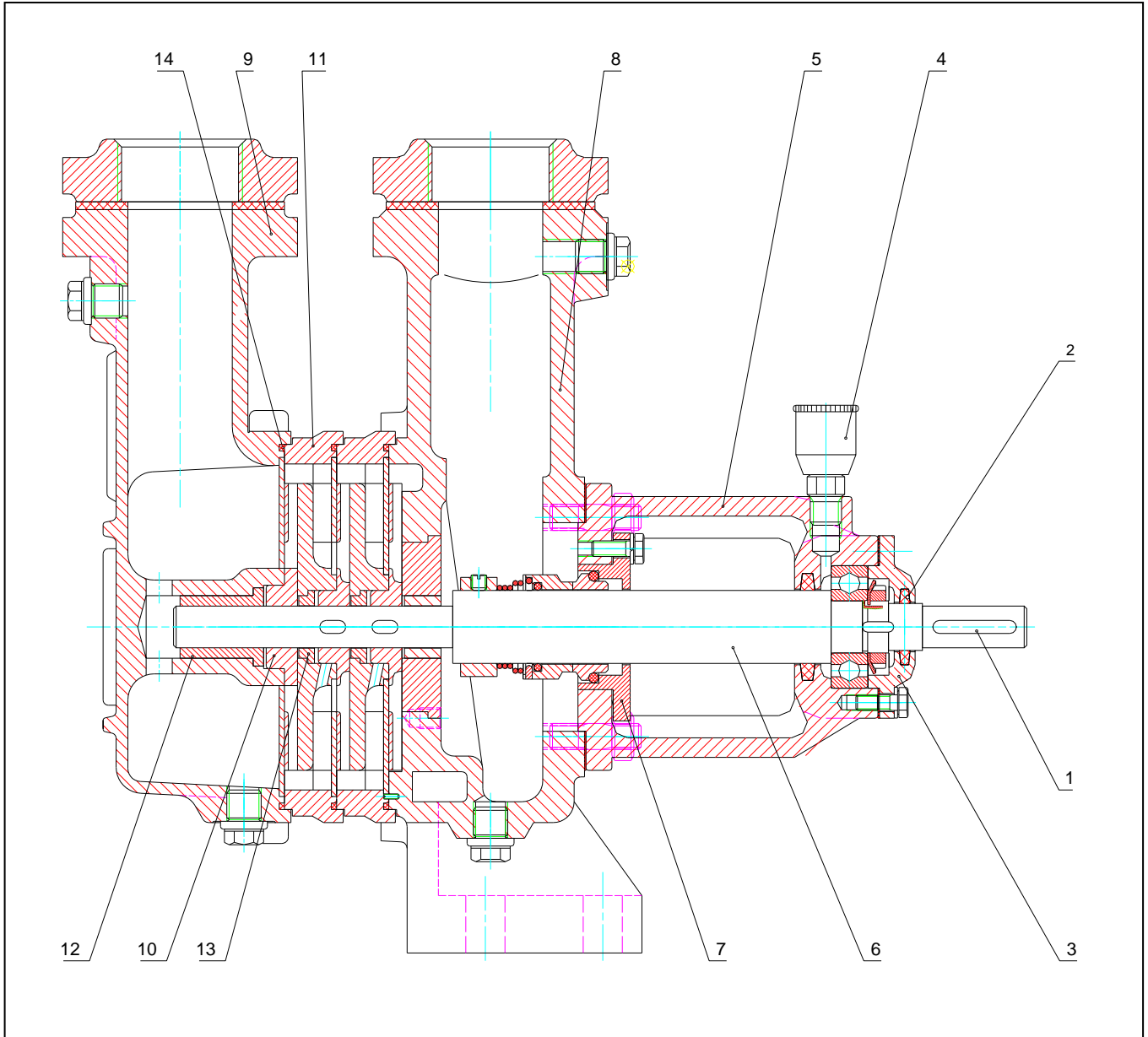


Pump type	Electric motor			Dimensions (mm)														G(kg)								
	rpm	kW	frame	M	L	L ₀	L ₁	L ₂	L ₃	L ₄	H	H ₁	H _a	B ₀	B ₁	N	U	d ₀	pump	unit						
BCP200-1	1450	37	225S	504,5	2180	1070	1580	320	1310	358	890	805	445	375	435	865	160	22	410	830						
BCP200-1a		30	200L	504,5	2104	1030	1550					320		1310	787	330				400	790	465	760			
BCP200-1b								830																		
BCP200-1c									805		375		435		865											
BCP200-2		55	250M	625,5	2346	1180	1825	380	1430		830	440	506	910	465	1059										
BCP200-2a		75	280S		746,5	2596	1270				2010	440	900	890		455			495	557	1040	520				
BCP200-2b															895								810	450	395	460
BCP200-2c				37				225S	1710						830							440	506	910	887	
BCP200-3		75	280S	746,5	2596	1270	2010	440	1551		900	890	445	440	506	910			520	1245						
BCP200-3a		55	250M		2467	1290	1945	380												1551	890	830	445	440	506	910
BCP200-3b																			1380							
BCP200-4		90	280M	867,5	2717	1355	2160	500	1672		900	890	455	495	557	1040			575	1310						
BCP200-4a		75	280S				2110													900	890	455	495	557	1040	1380
BCP200-4b																			1310							
BCP200-5		110	315S	988,5	3098	1470	2350	555	1793		940	990	495	565	628	1300			630	1590						
BCP200-5a		90	280M		2838		2275				555	1793	905							895	460	628	1040	1450		
BCP200-6	132									315M							1109,5	3220	2495						1914	980
BCP200-6a																										



5. ASSEMBLY DRAWINGS WITH PART LIST

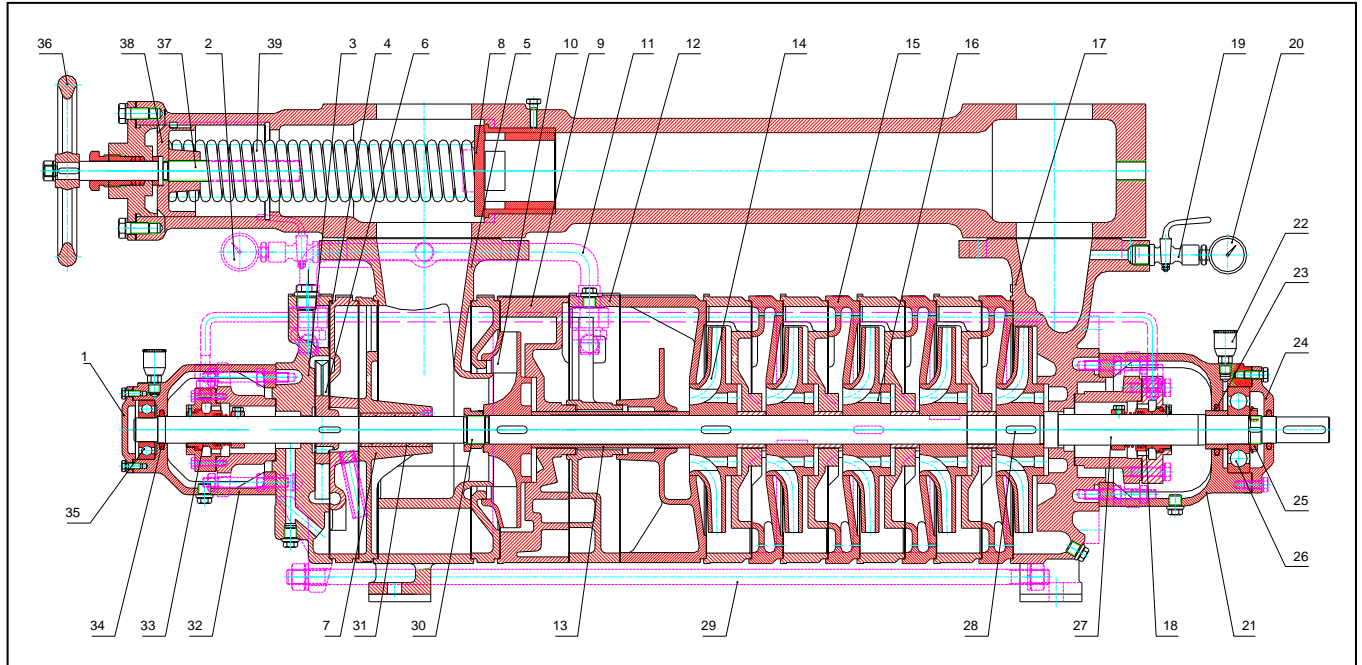
5.1. Assembly drawing with part list - BCP 10



Pos.	Description	Pos.	Description
1.	Shaft key	8.	Discharge casing
2.	Cord gasket	9.	Suction casing
3.	Cover	10.	Impeller
4.	Grease lubricator	11.	Stage casing
5.	Bearing bracket	12.	Sleeve
6.	Shaft	13.	Bushing
7.	Seal gland	14.	"O"-ring



5.2. Assembly drawing with part list - BCP 60 / BCP 150 / BCP 200



Pos.	Description	Pos.	Description
1.	Beck bearing cover	21.	Discharge console
2.	Vacuum meter	22.	Grease lubricator
3.	Vacuum impeller body	23.	Cord
4.	Stage casing	24.	Front bearing cover
5.	Suction casing	25.	Lock nut
6.	Vacuum impeller	26.	Ball bearing
7.	Stage casing	27.	Shaft
8.	Valve	28.	Key
9.	Stage casing with impeller	29.	Double-ended screw
10.	Cavity impeller	30.	Lock nut
11.	Pipe connection	31.	Sleeve
12.	Stage casing	32.	Suction console
13.	Distance sleeve	33.	Mechanical seal
14.	Impeller	34.	Cord
15.	Stage casing	35.	Ball bearing
16.	Holes in impeller hub	36.	Valve wheel
17.	Discharge casing	37.	Valve spindle
18.	Mechanical seal	38.	Piston
19.	Cock R1/2 x R1/4	39.	Spring
20.	Manometer		



6. PERFORMANCE CURVES



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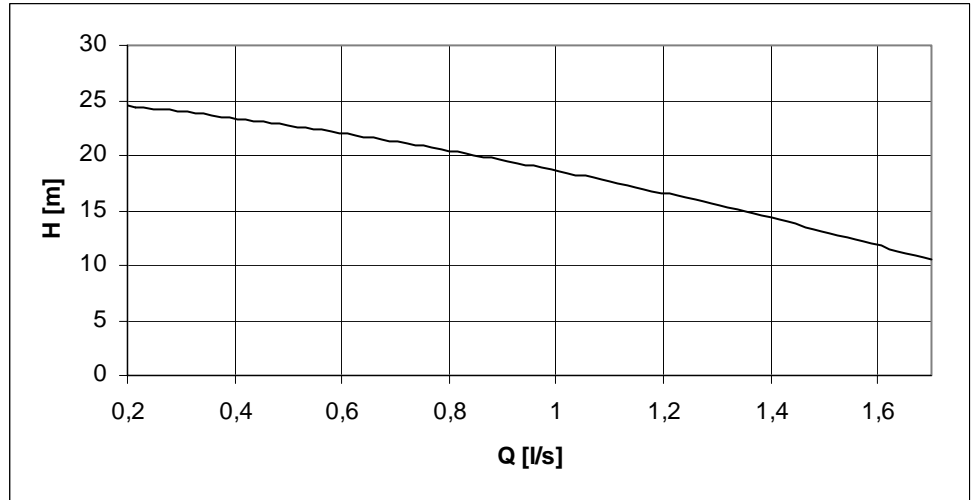
Pump performance curves

Pump type:

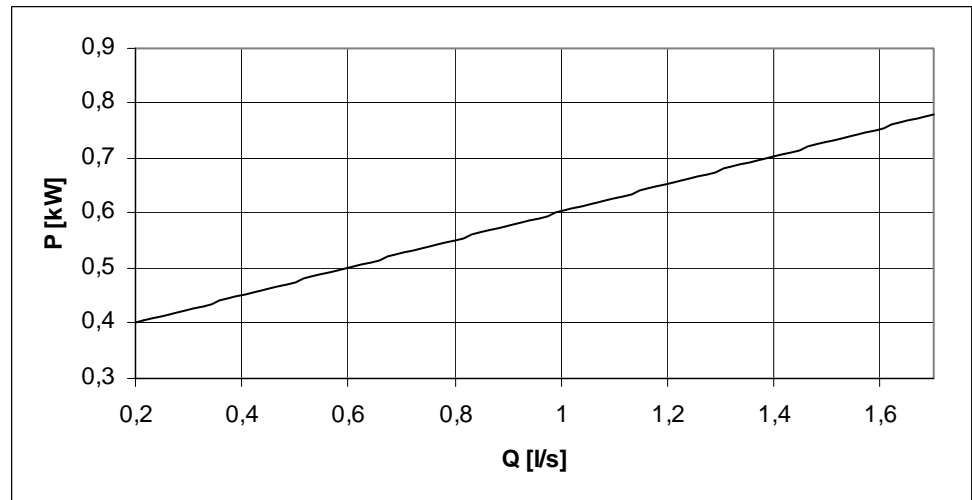
BCP 10-2

n = 2900 [rpm]

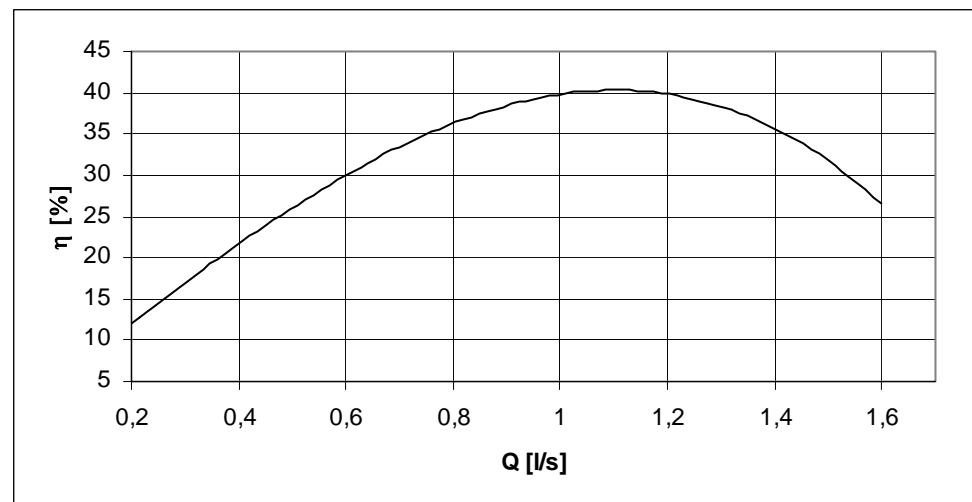
Total
Differential
Head



Power
Input



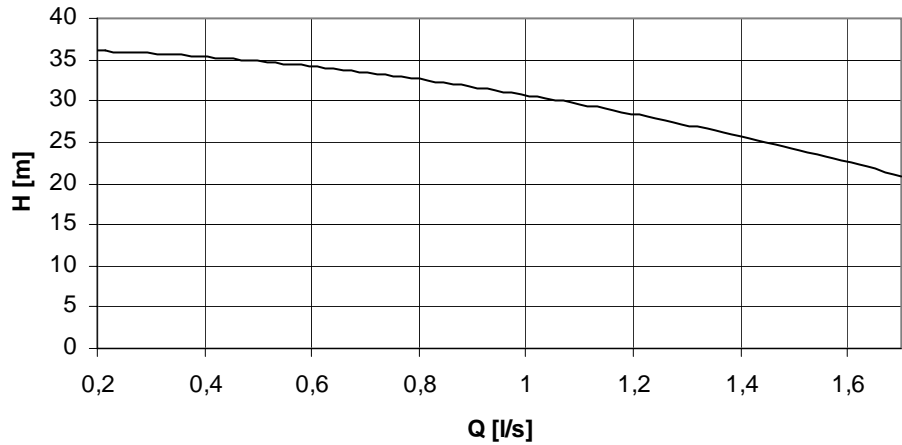
Efficiency



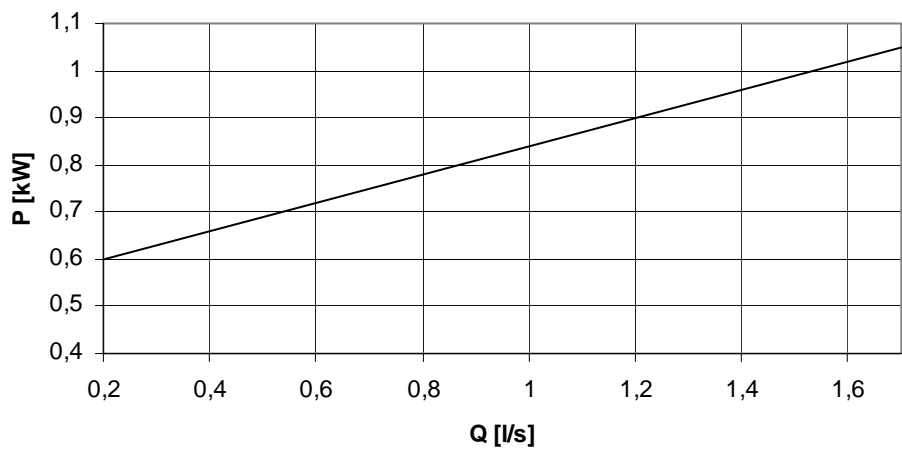
Performance curves are valid for clear water $t=20\text{ }^{\circ}\text{C}$, $\rho=1000\text{ kg/m}^3$. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



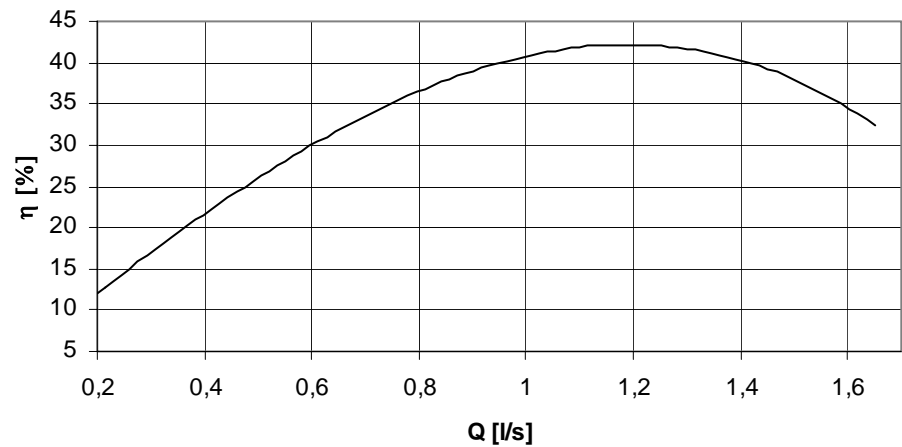
Total
Differential
Head



Power
Input



Efficiency





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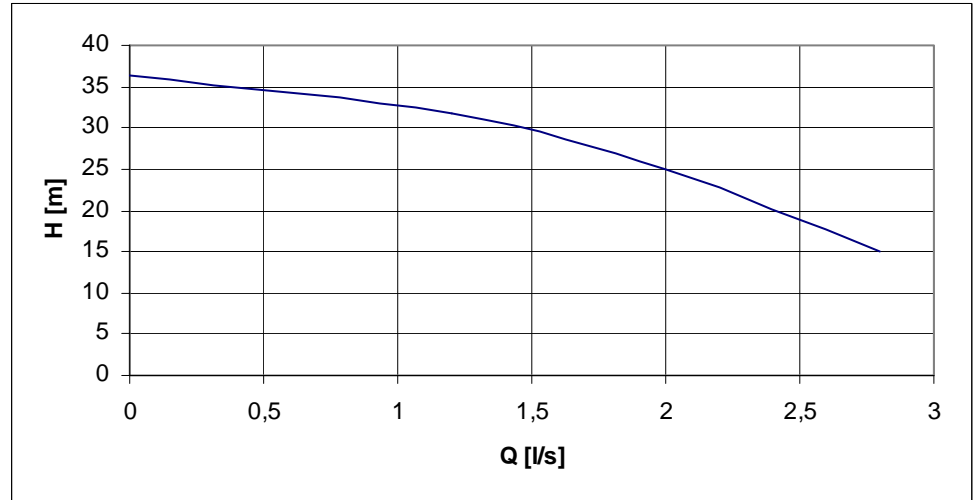
Pump performance curves

Pump type:

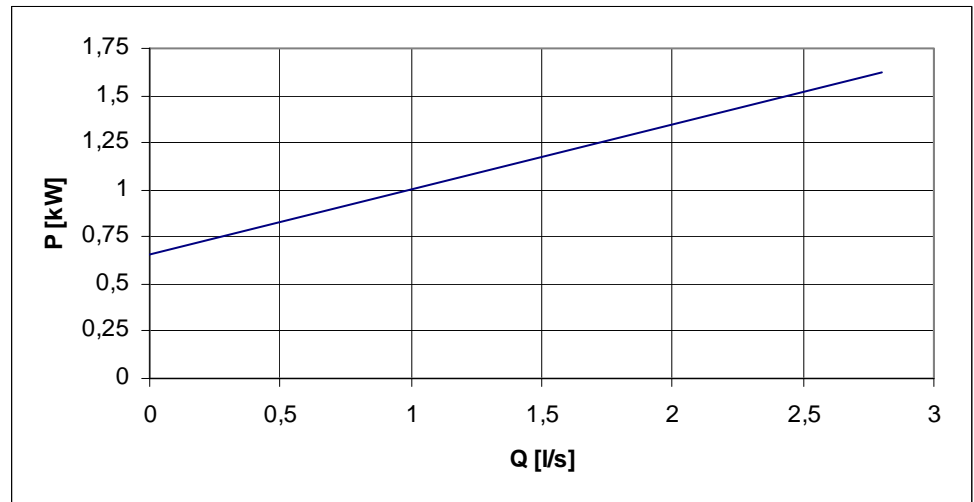
BCP 10-3.1

n = 2900 [rpm]

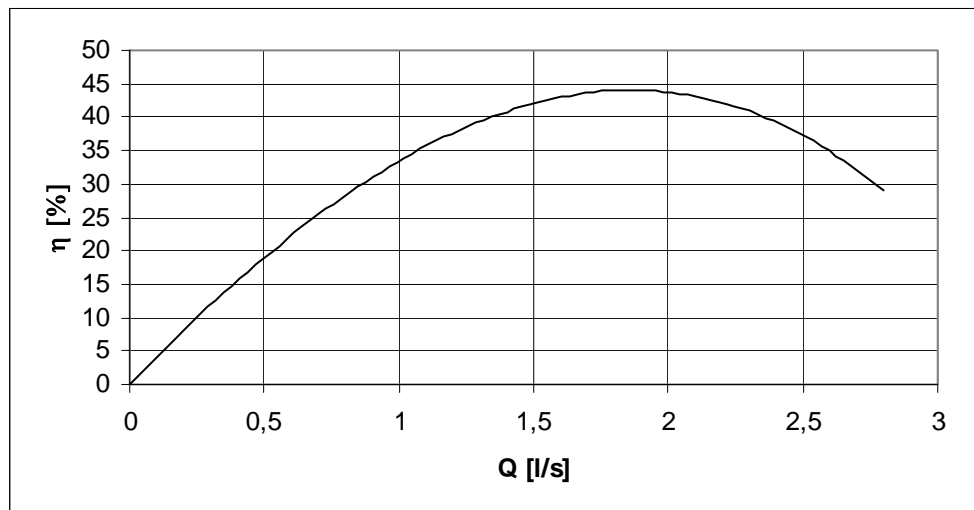
Total
Differential
Head



Power
Input



Efficiency



Performance curves are valid for clear water $t=20\text{ }^{\circ}\text{C}$, $\rho=1000\text{ kg/m}^3$. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



MZT Pumpi

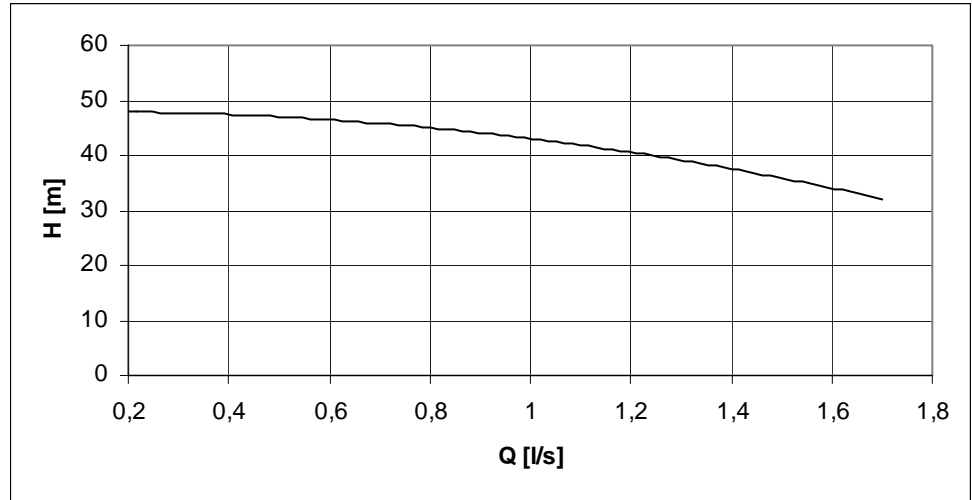
Pump performance curves

Pump type:

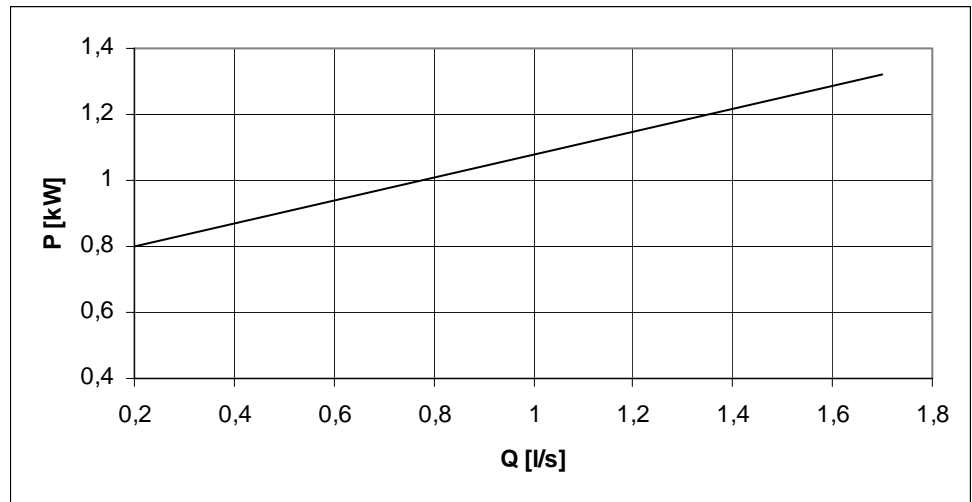
BCP 10-4

n = 2900 [rpm]

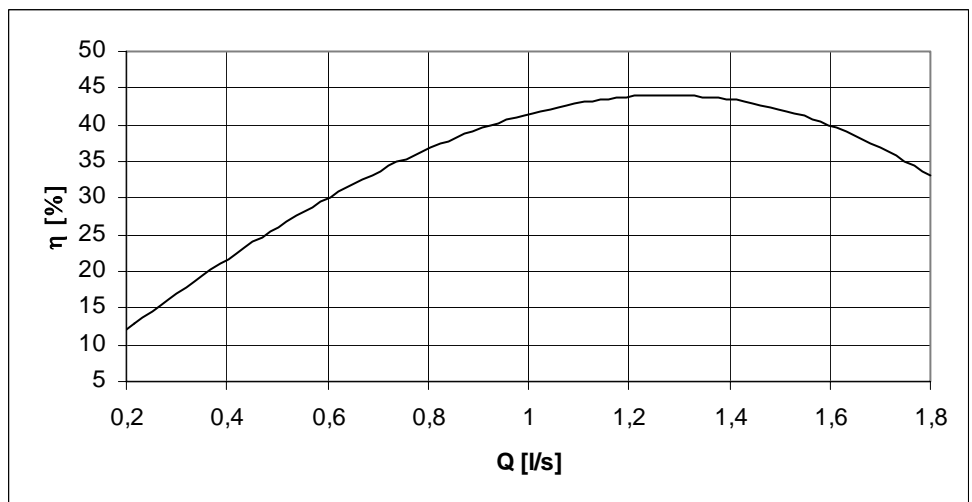
Total
Differential
Head



Power
Input



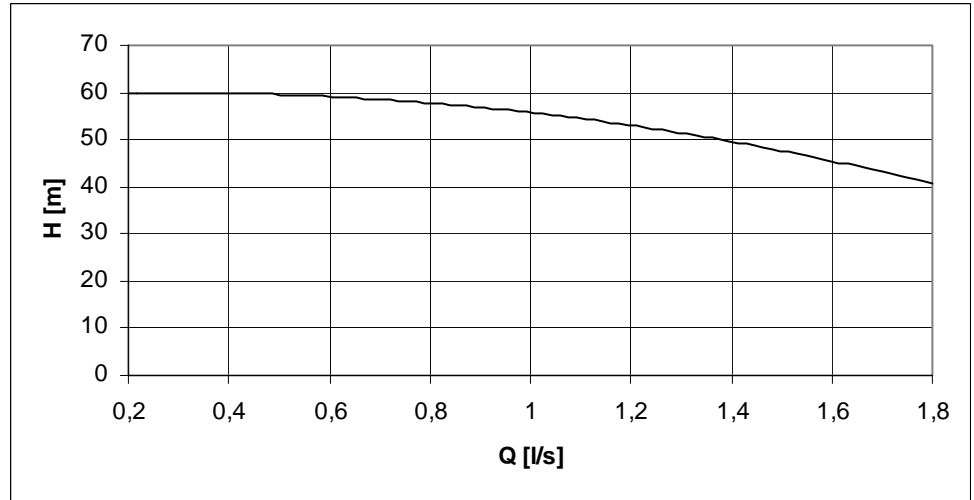
Efficiency



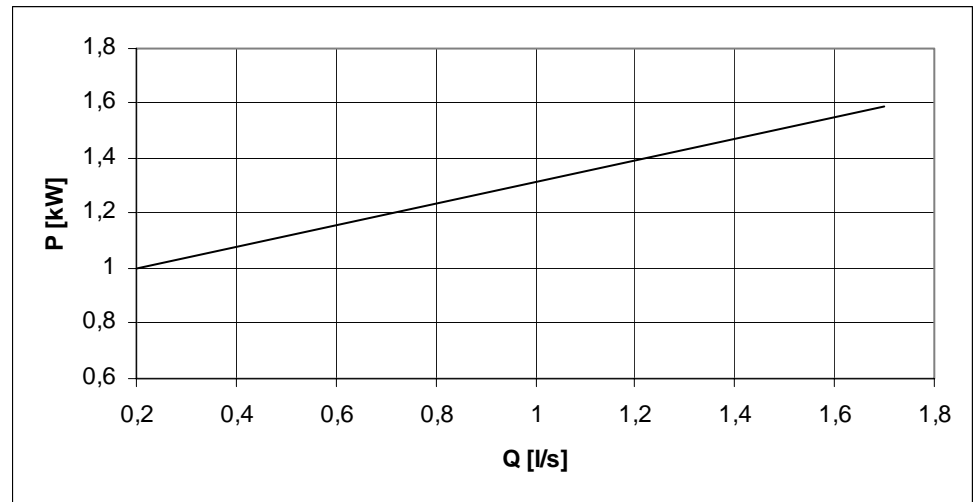
Performance curves are valid for clear water $t=20\text{ }^{\circ}\text{C}$, $\rho=1000\text{ kg/m}^3$. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



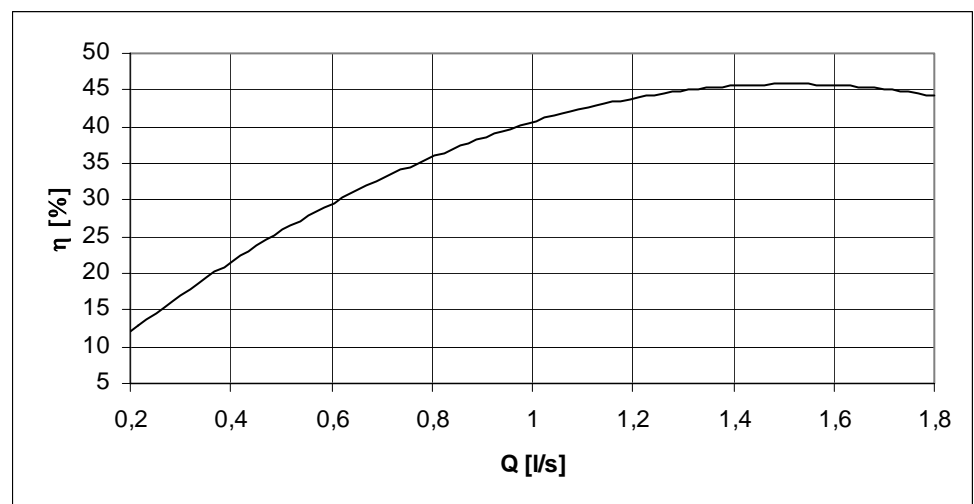
Total
Differential
Head



Power
Input



Efficiency





MZT Pumpi

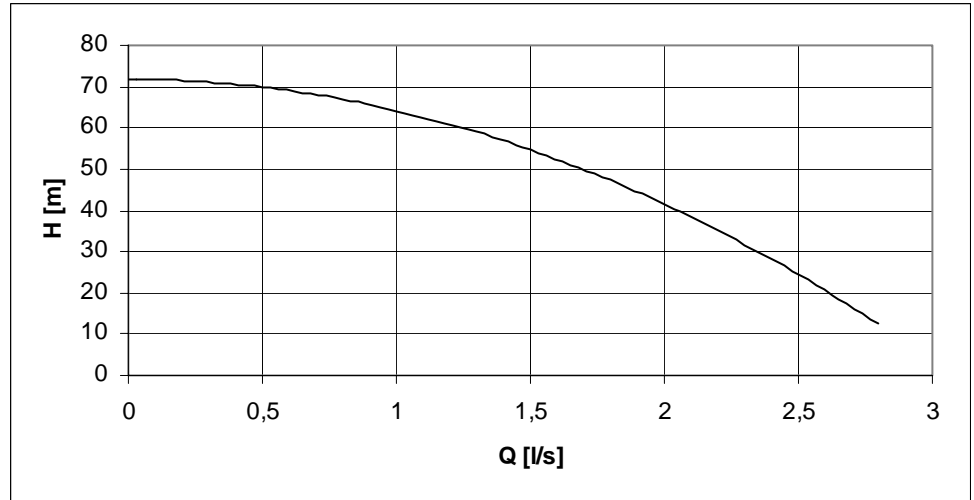
Pump performance curves

Pump type:

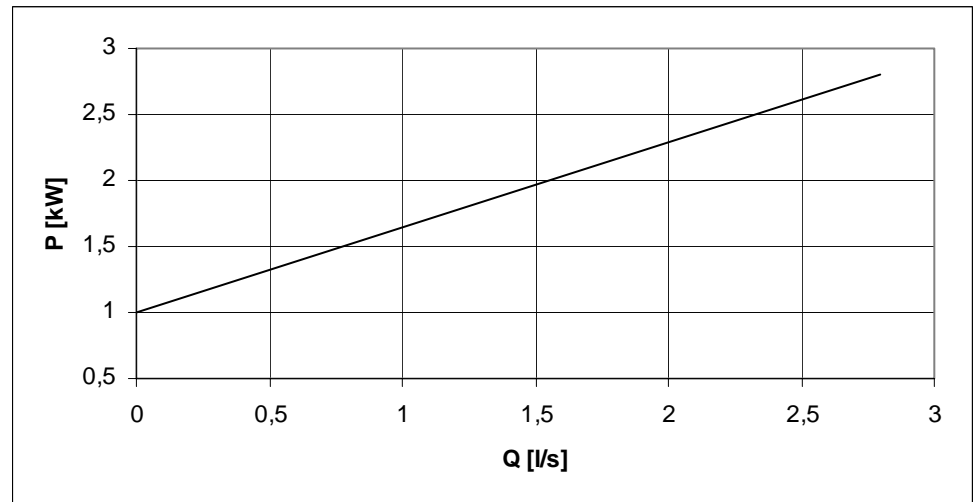
BCP 10-6

n = 2900 [rpm]

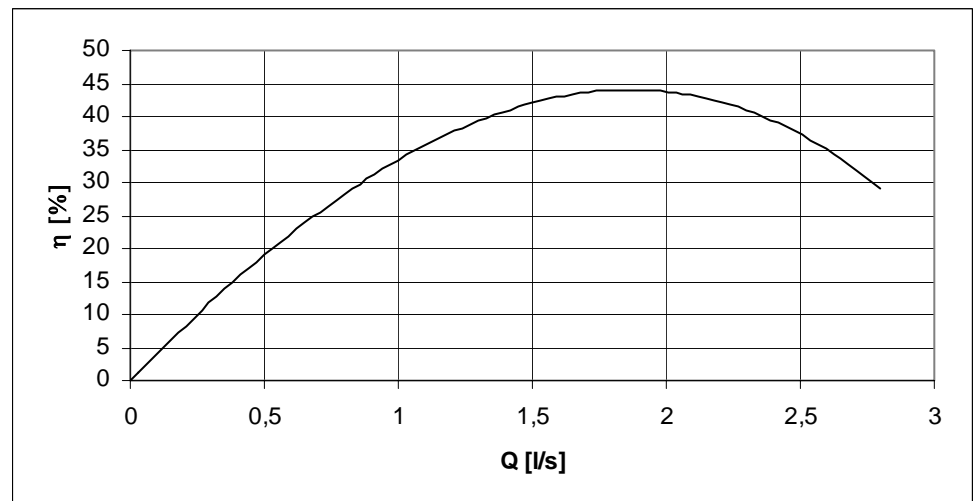
Total
Differential
Head



Power
Input



Efficiency



Performance curves are valid for clear water $t=20\text{ }^{\circ}\text{C}$, $\rho=1000\text{ kg/m}^3$. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



MZT Pumpi

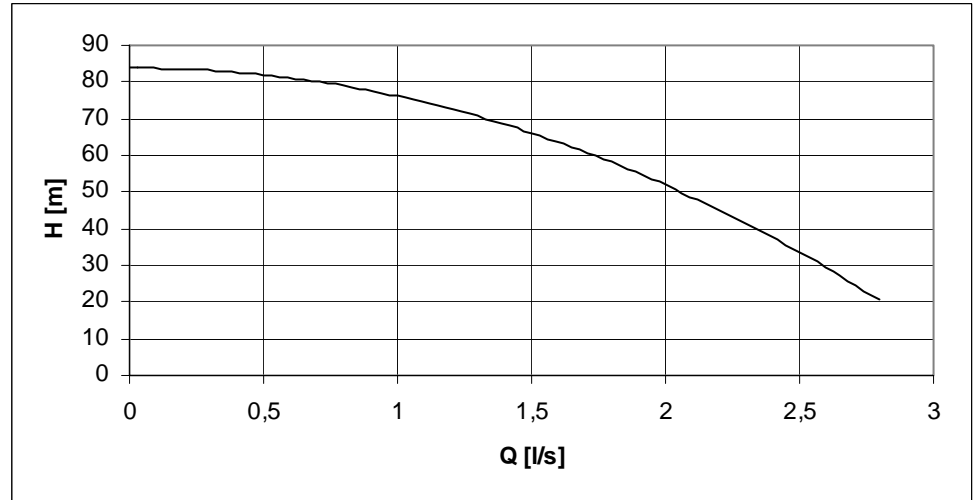
Pump performance curves

Pump type:

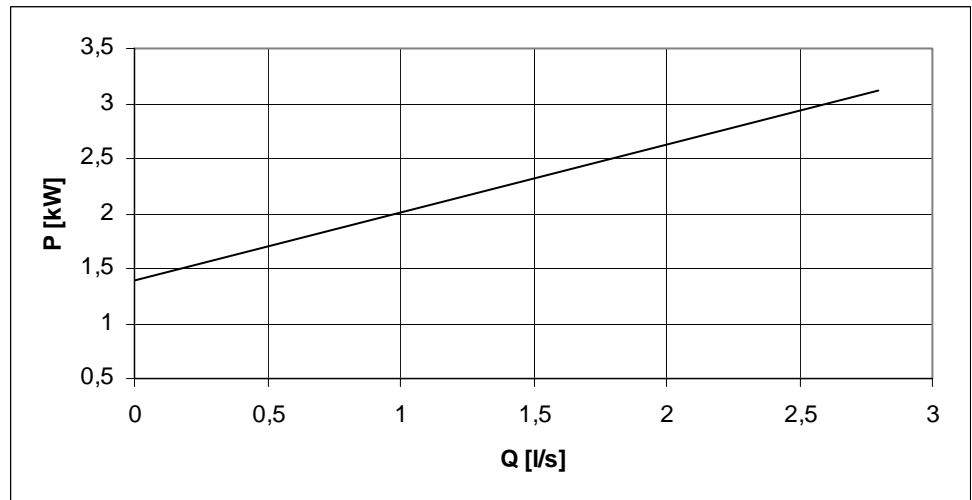
BCP 10-7

n = 2900 [rpm]

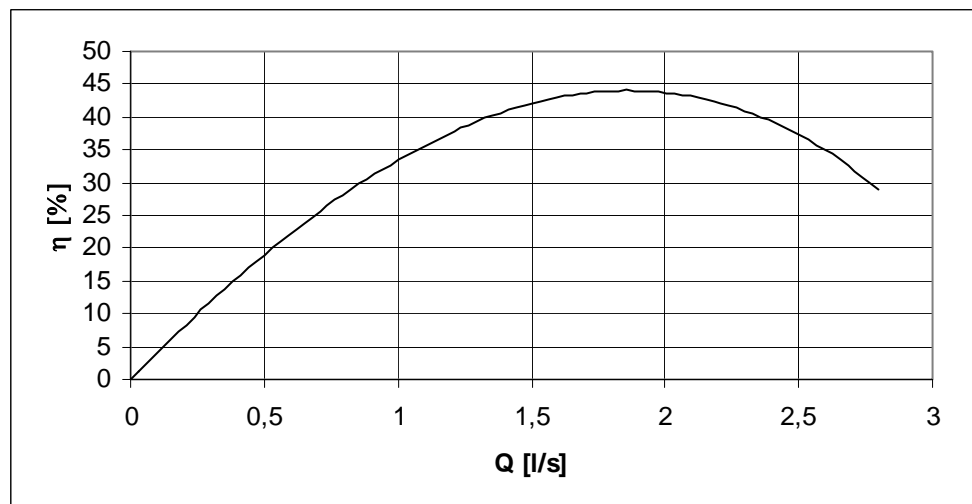
Total
Differential
Head



Power
Input



Efficiency



Performance curves are valid for clear water $t=20\text{ }^{\circ}\text{C}$, $\rho=1000\text{ kg/m}^3$. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



MZT Pumpi

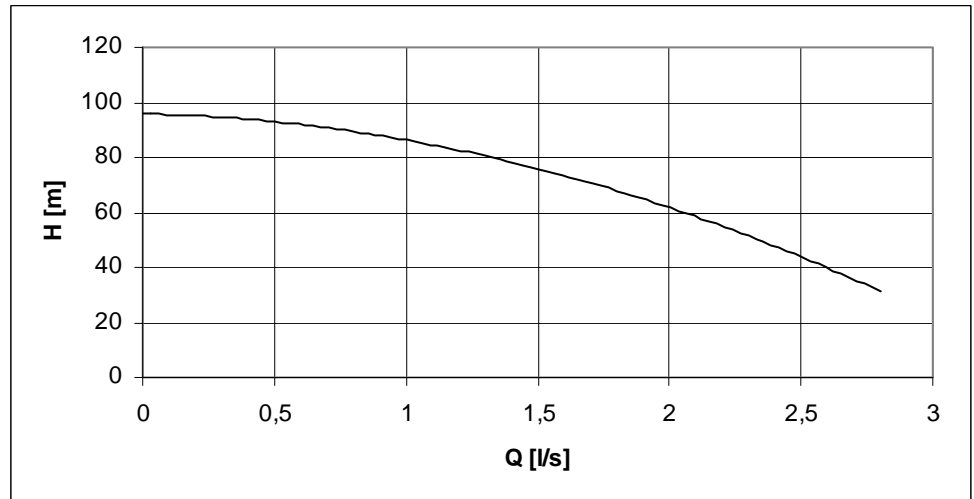
Pump performance curves

Pump type:

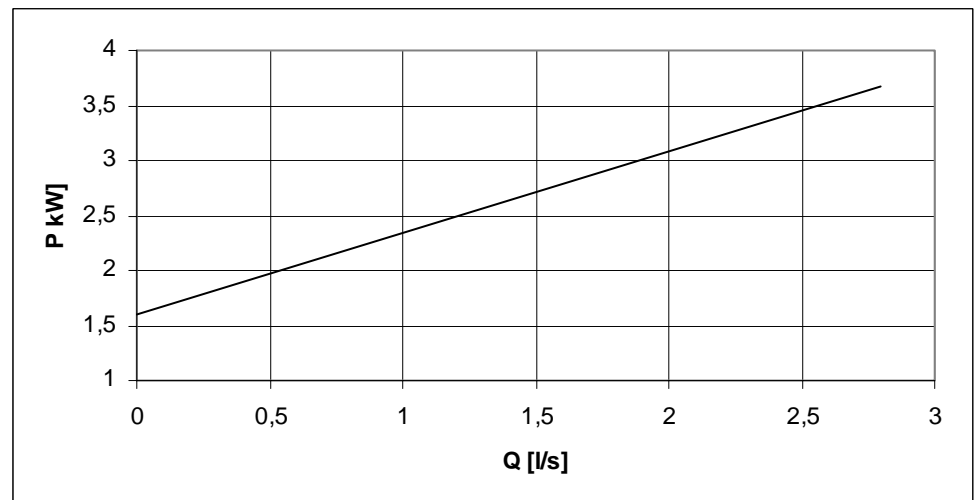
BCP 10-8

$n = 2900$ [rpm]

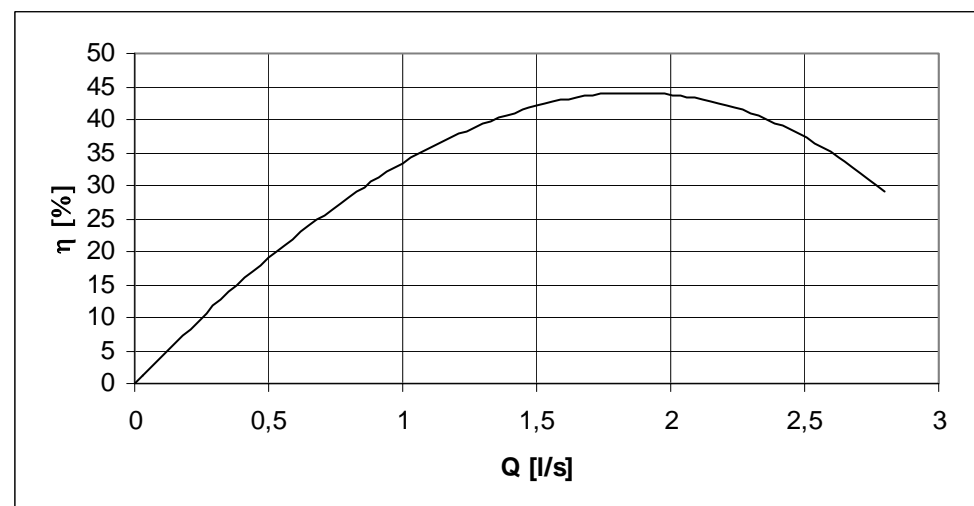
Total
Differential
Head



Power
Input



Efficiency



Performance curves are valid for clear water $t=20$ °C, $\rho=1000$ kg/m³. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



MZT Pumpi

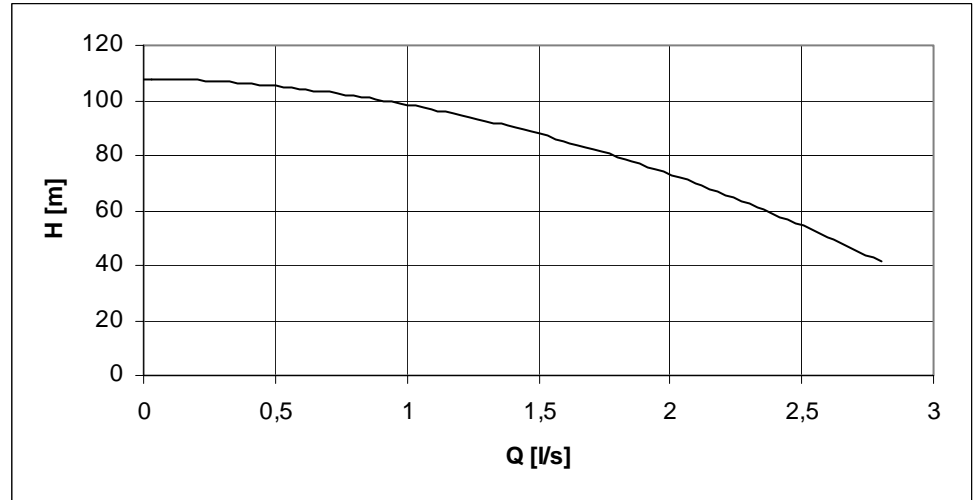
Pump performance curves

Pump type:

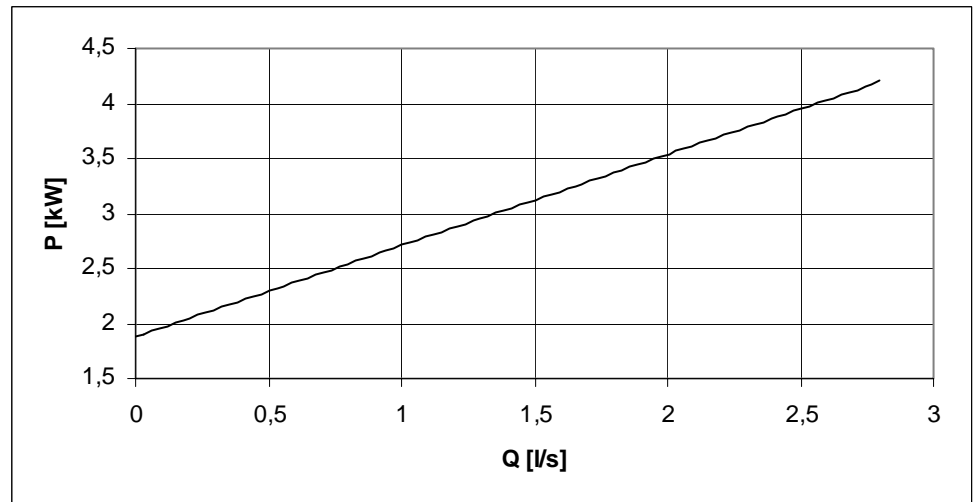
BCP 10-9

n = 2900 [rpm]

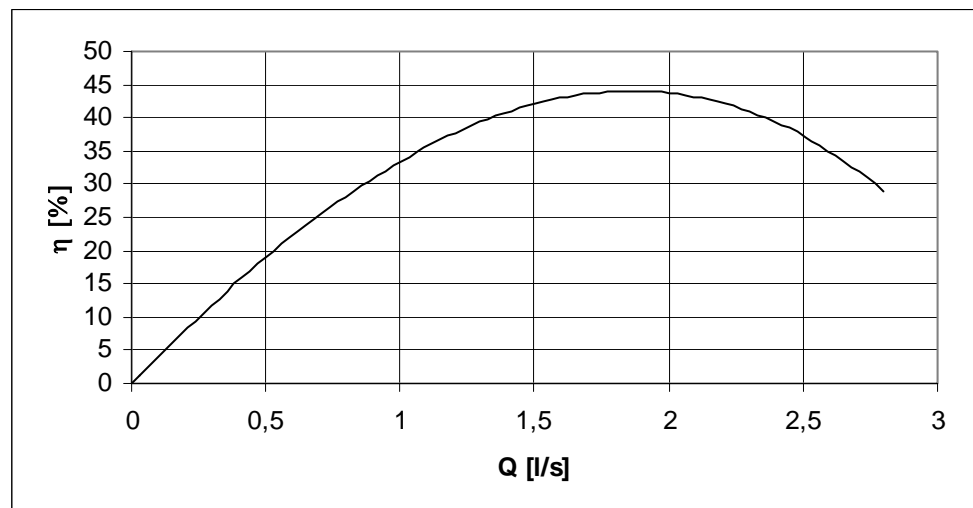
Total
Differential
Head



Power
Input



Efficiency



Performance curves are valid for clear water $t=20\text{ }^{\circ}\text{C}$, $\rho=1000\text{ kg/m}^3$. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



MZT Pumpi

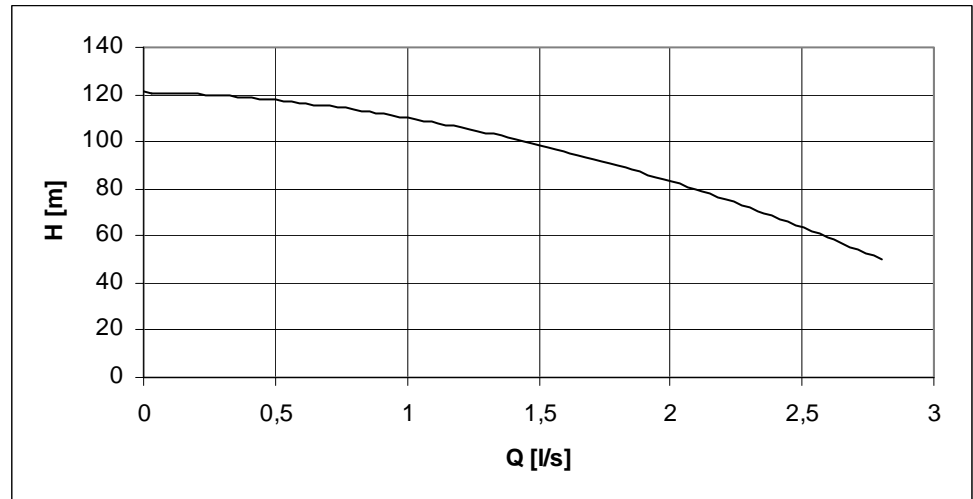
Pump performance curves

Pump type:

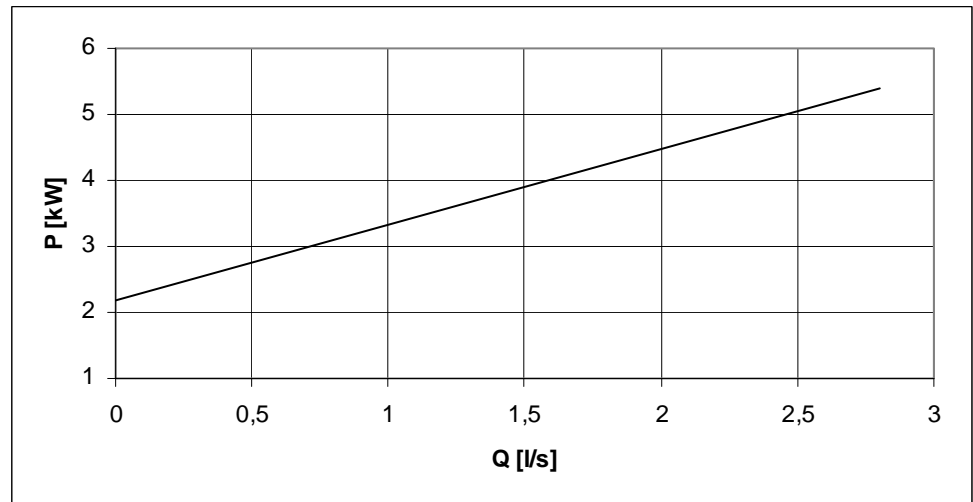
BCP 10-10

$n = 2900$ [rpm]

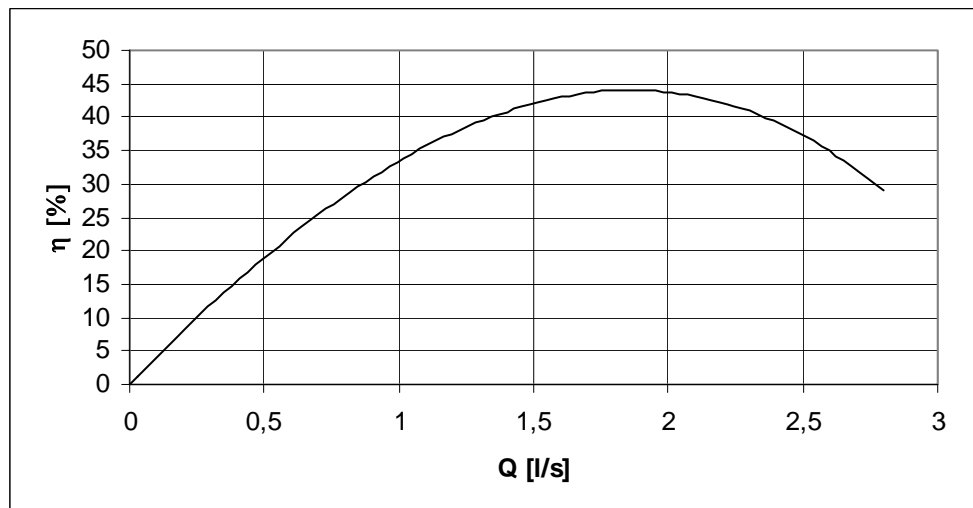
Total
Differential
Head



Power
Input



Efficiency



Performance curves are valid for clear water $t=20$ °C, $\rho=1000$ kg/m³. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



MZT Pumpi

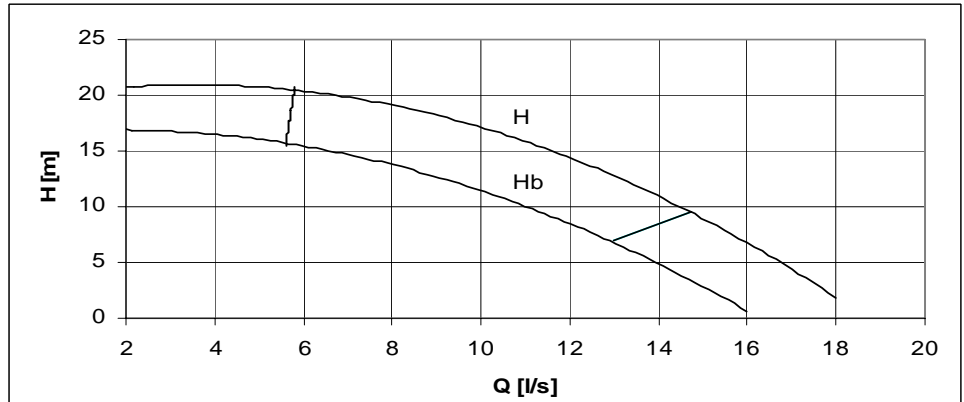
Pump performance curves

Pump type:

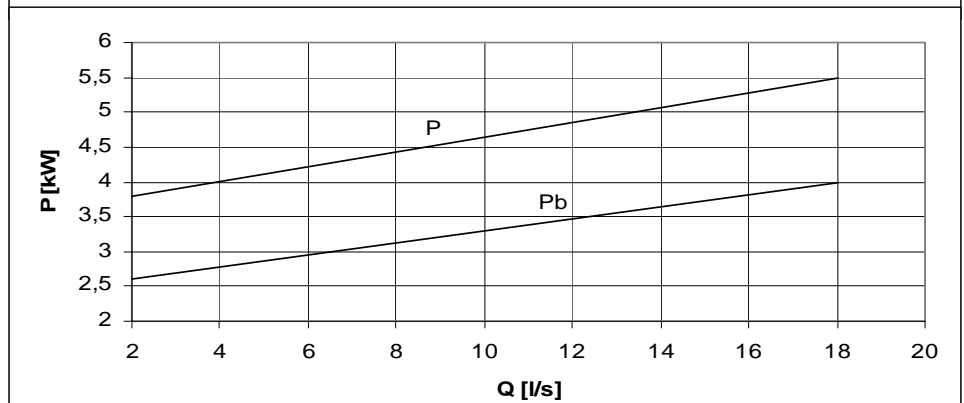
BCP 60-1

$n = 1450$ [rpm]

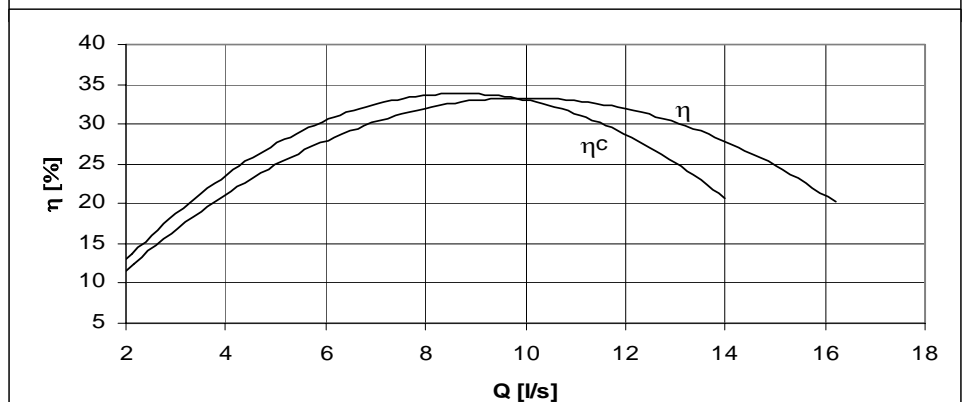
Total
Differential
Head



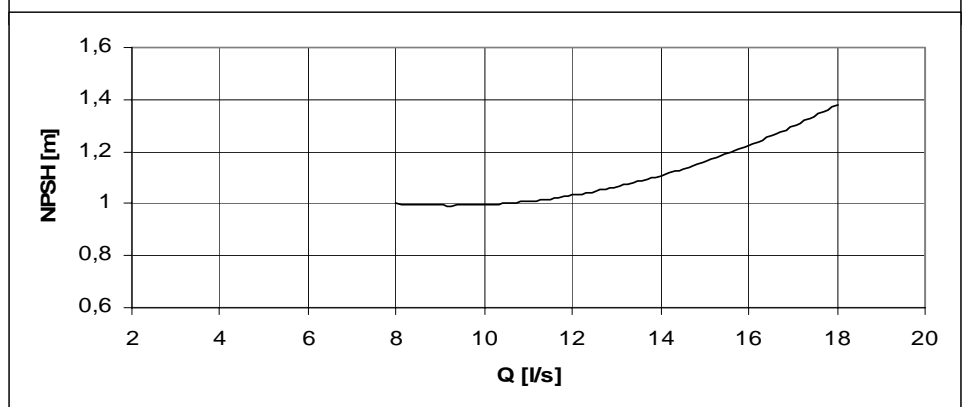
Power
Input



Efficiency



Net
Positive
Suction
Head



Performance curves are valid for clear water $t=20$ °C, $\rho=1000$ kg/m³. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



MZT Pumpi

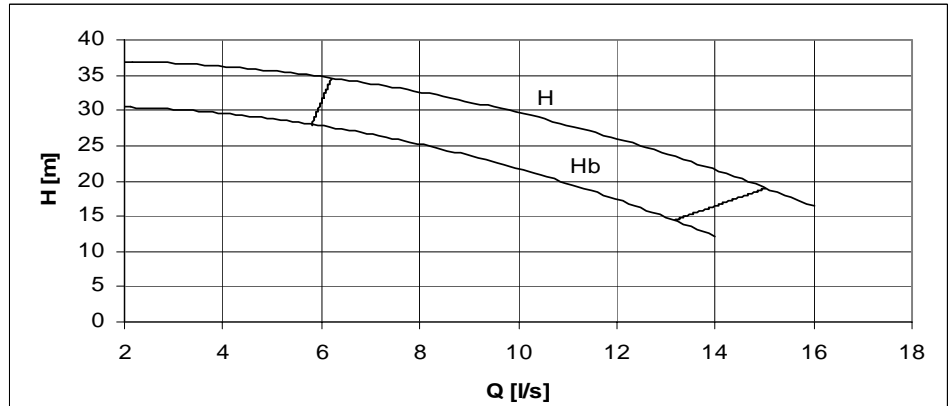
Pump performance curves

Pump type:

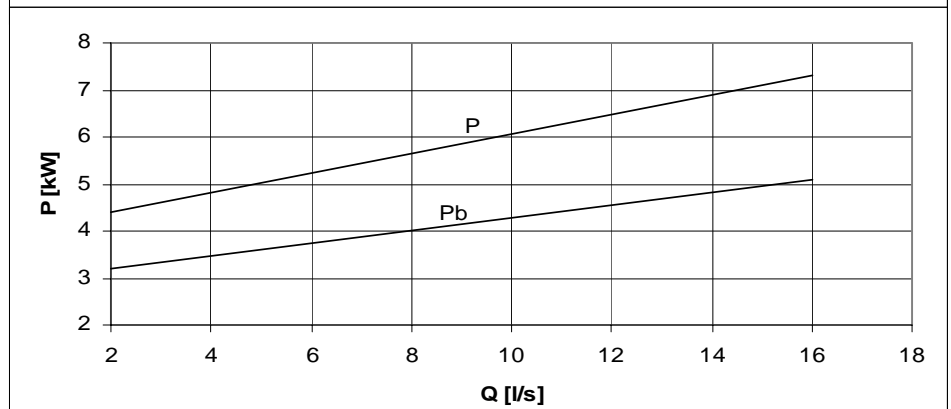
BCP 60-2

$n = 1450$ [rpm]

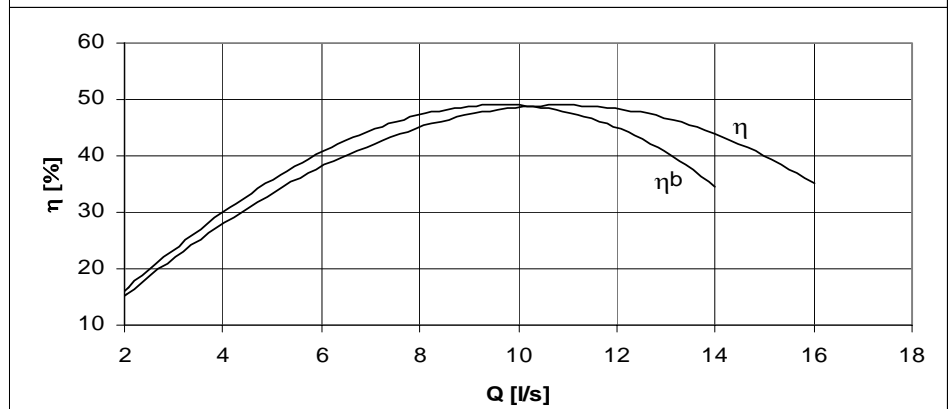
Total
Differential
Head



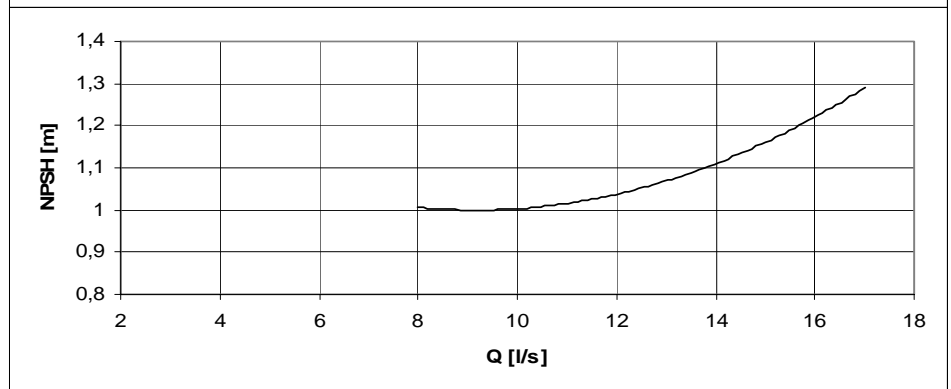
Power
Input



Efficiency



Net
Positive
Suction
Head



Performance curves are valid for clear water $t=20$ °C, $\rho=1000$ kg/m³. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



MZT Pumpi

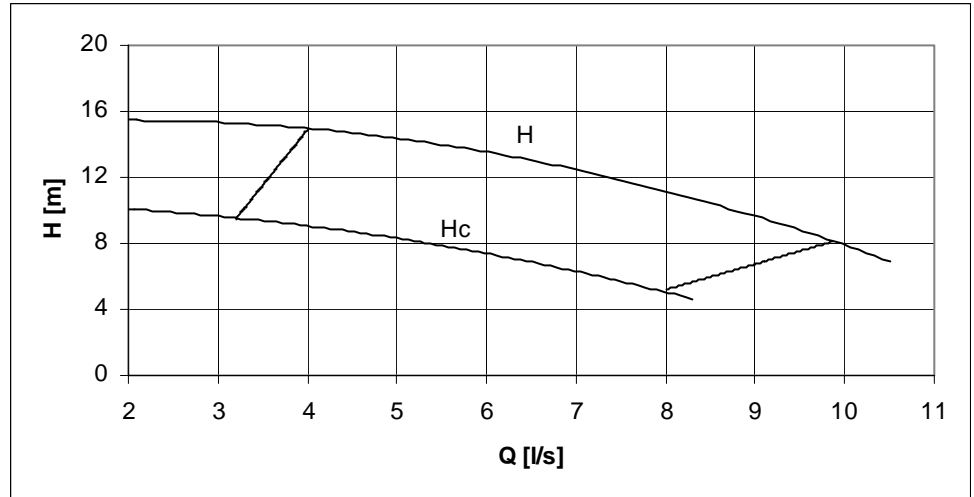
Pump performance curves

Pump type:

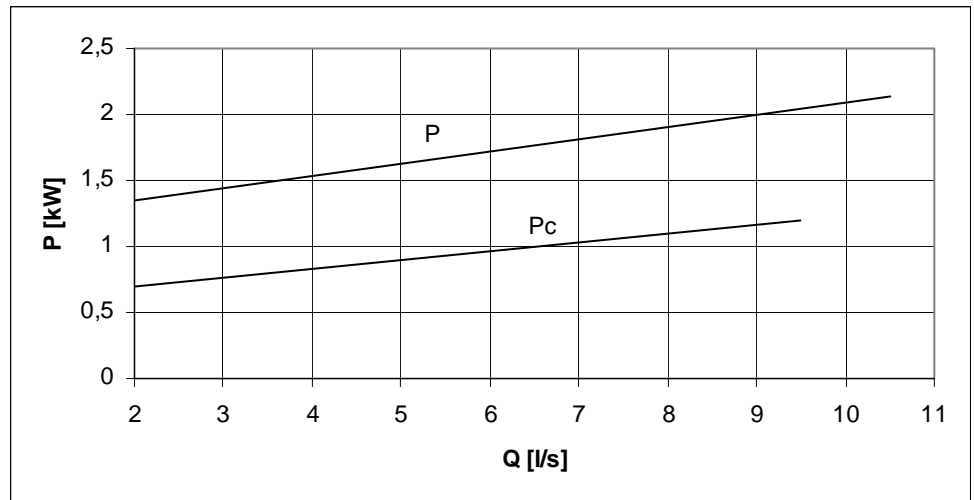
BCP 60-2-6

$n = 960$ [rpm]

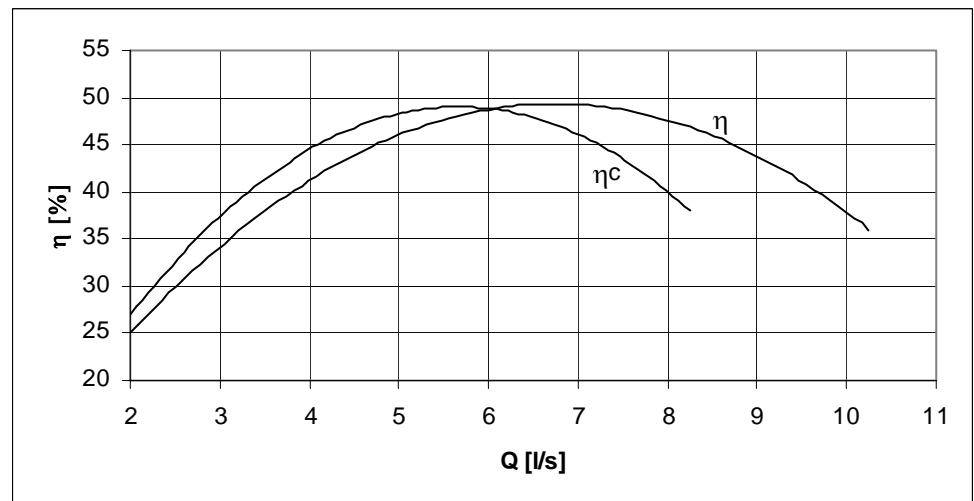
Total
Differential
Head



Power
Input



Efficiency



Performance curves are valid for clear water $t=20$ °C, $\rho=1000$ kg/m³. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



MZT Pumpi

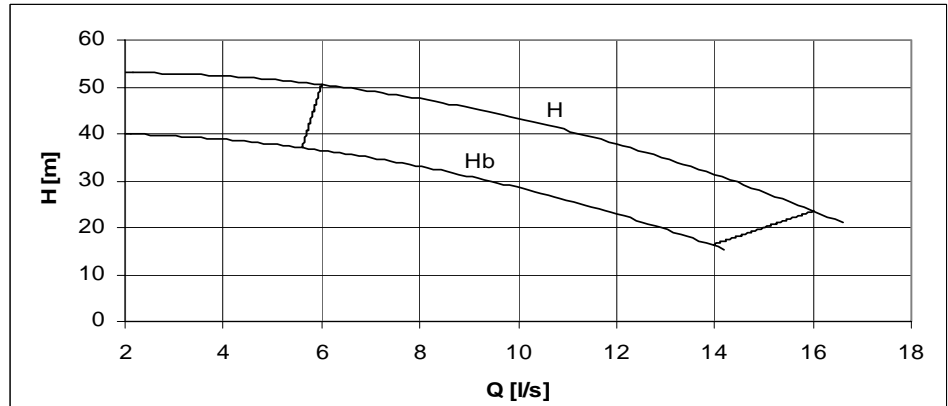
Pump performance curves

Pump type:

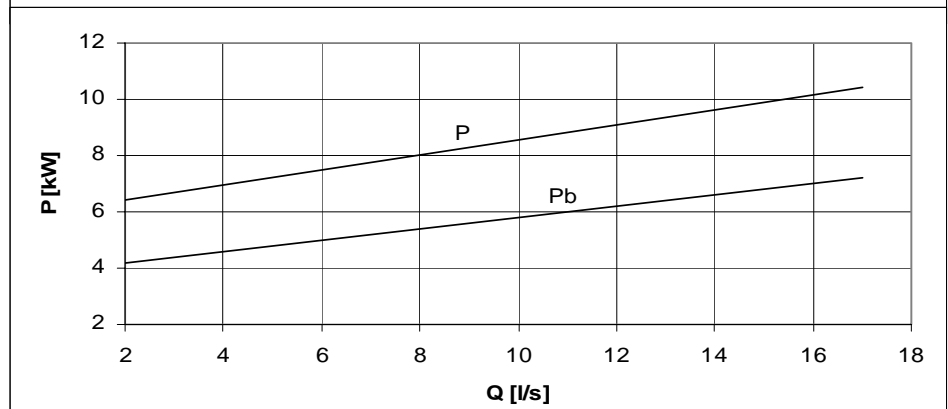
BCP 60-3

$n = 1450$ [rpm]

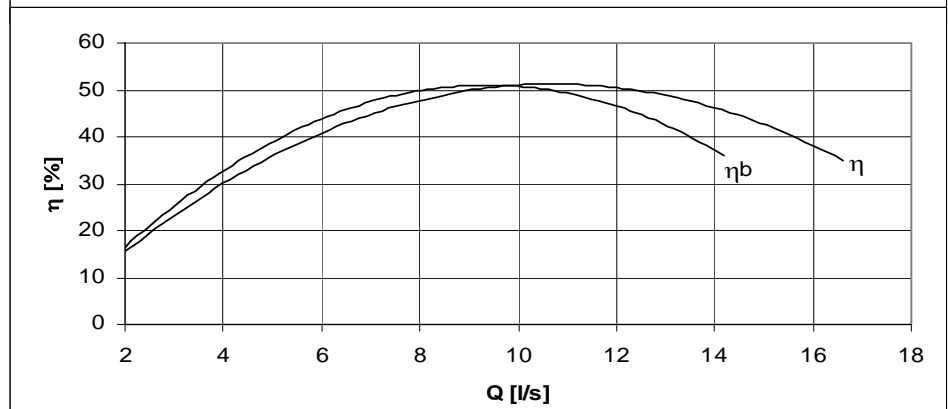
Total
Differential
Head



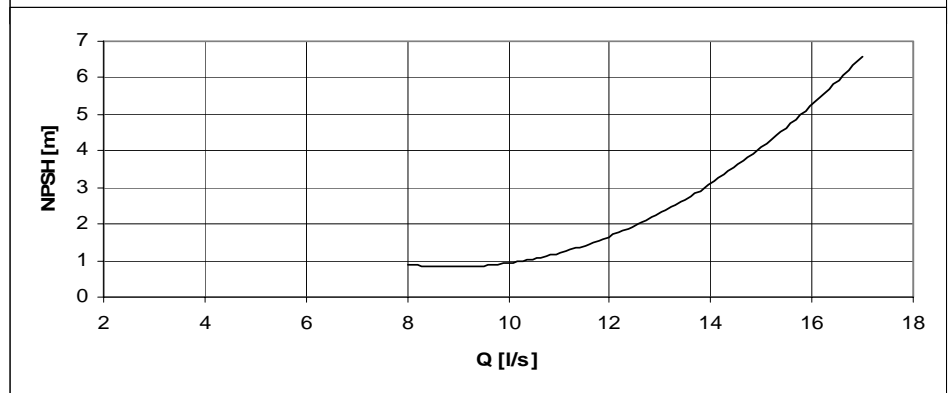
Power
Input



Efficiency



Net
Positive
Suction
Head



Performance curves are valid for clear water $t=20$ °C, $\rho=1000$ kg/m³. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



MZT Pumpi

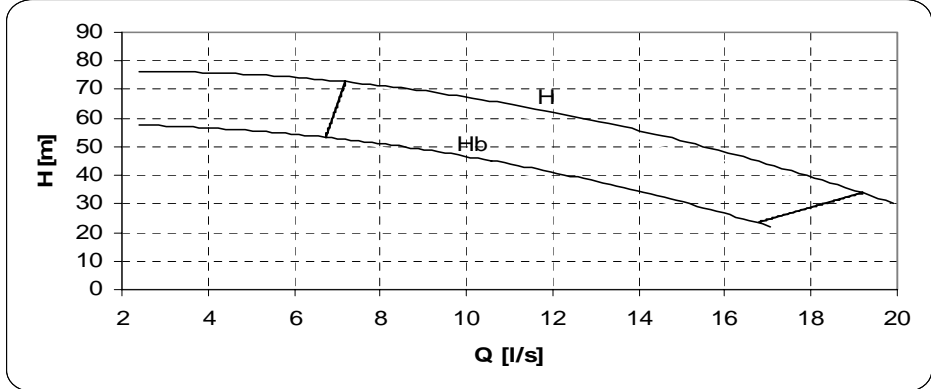
Pump performance curves

Pump type:

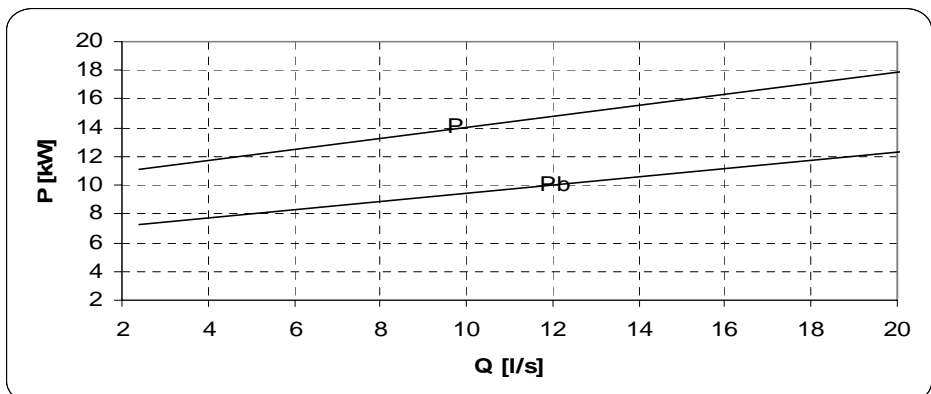
BCP 60-3

$n = 1800$ [rpm]

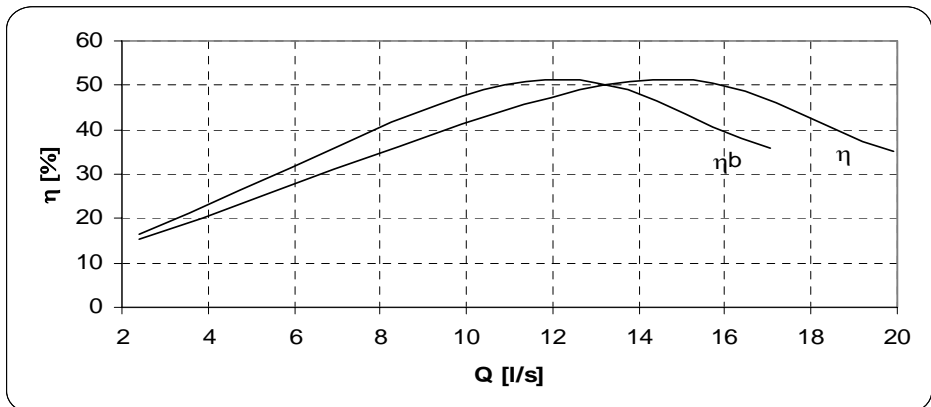
Total
Differential
Head



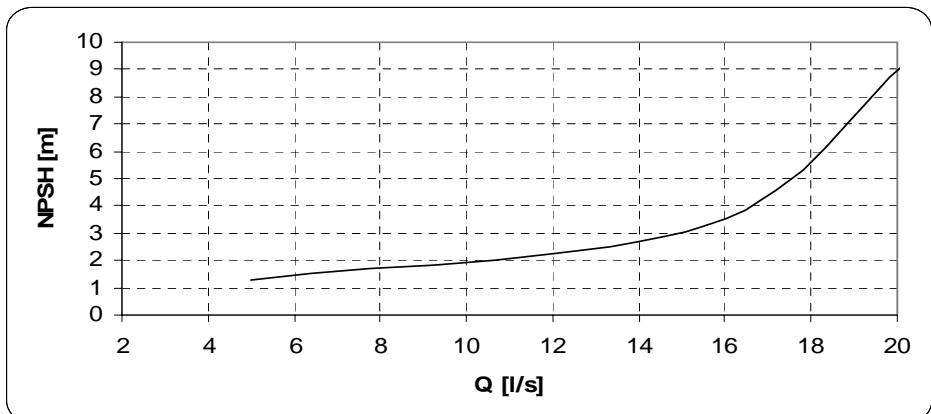
Power
Input



Efficiency



Net
Positive
Suction
Head



Performance curves are valid for clear water $t=20$ °C, $\rho=1000$ kg/m³. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



MZT Pumpi

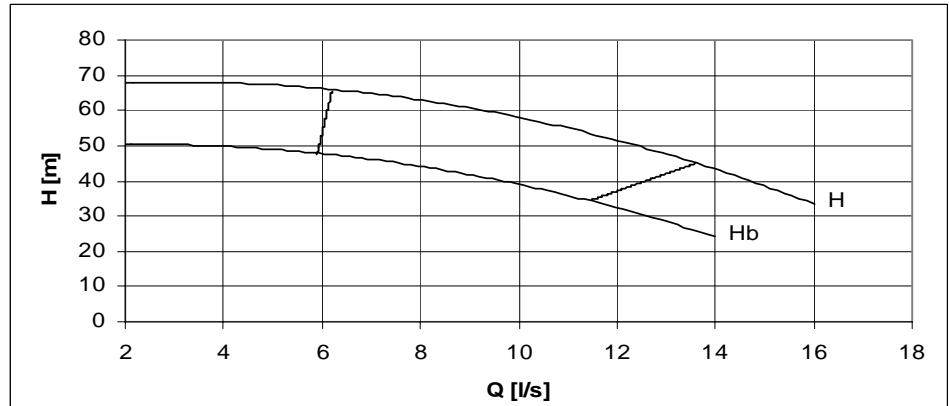
Pump performance curves

Pump type:

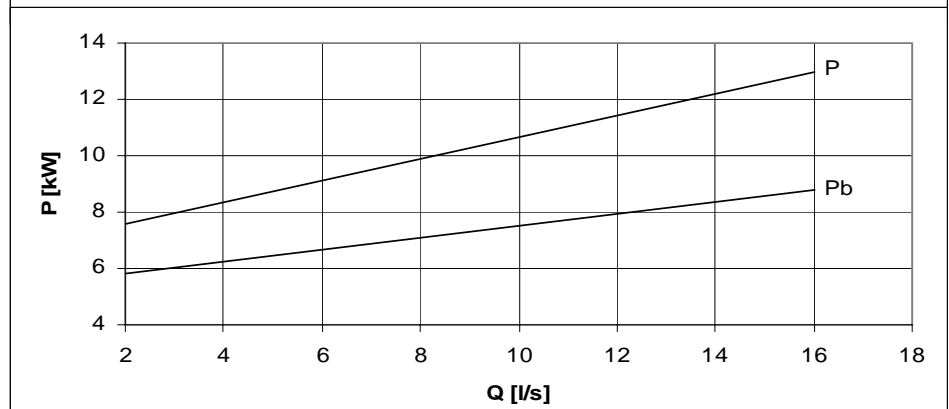
BCP 60-4

$n = 1450$ [rpm]

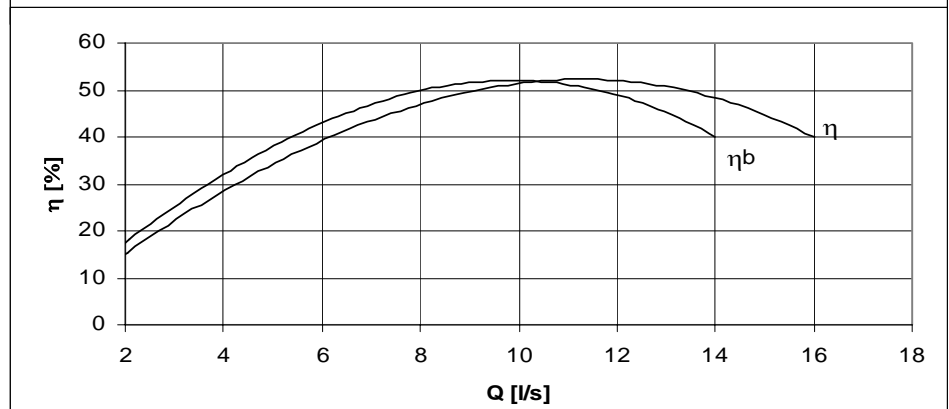
Total
Differential
Head



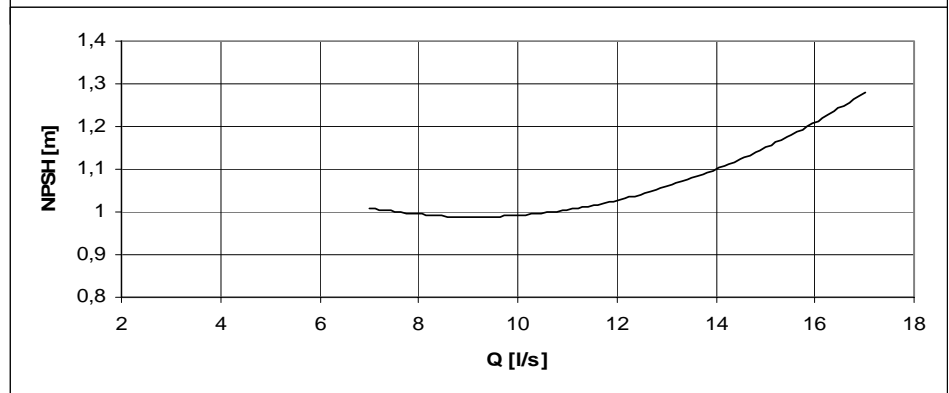
Power
Input



Efficiency



Net
Positive
Suction
Head



Performance curves are valid for clear water $t=20$ °C, $\rho=1000$ kg/m³. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



MZT Pumpi

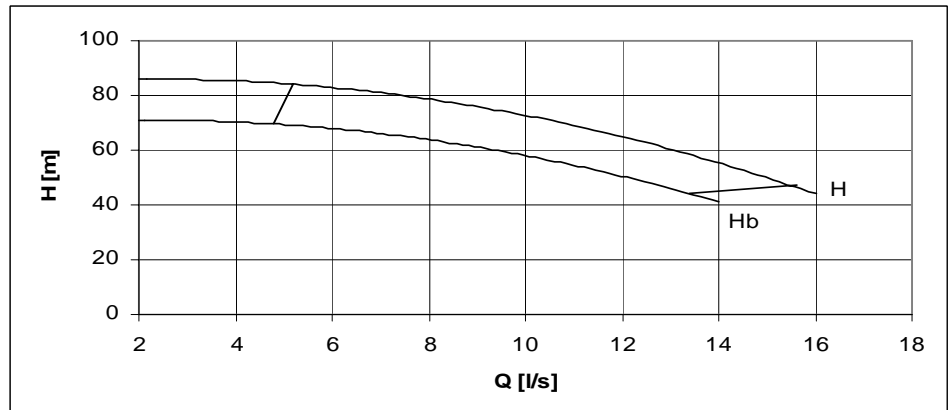
Pump performance curves

Pump type:

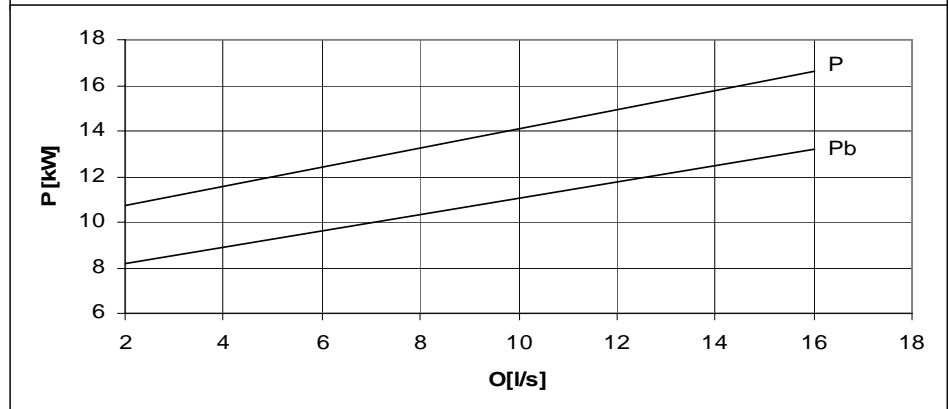
BCP 60-5

$n = 1450$ [rpm]

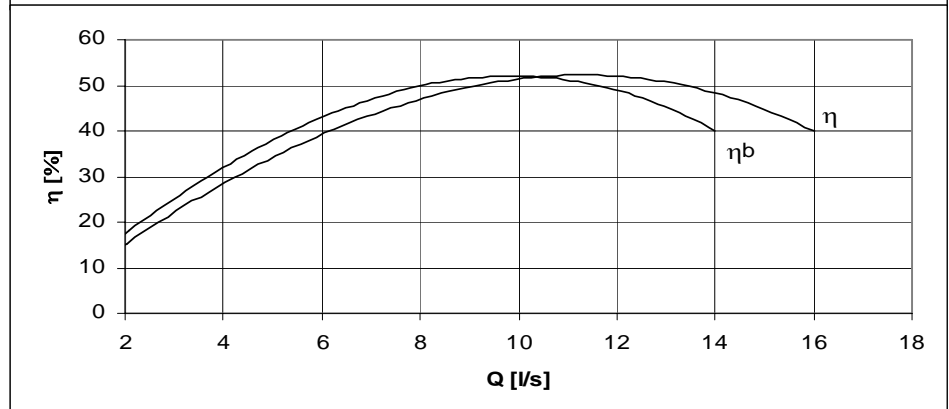
Total
Differential
Head



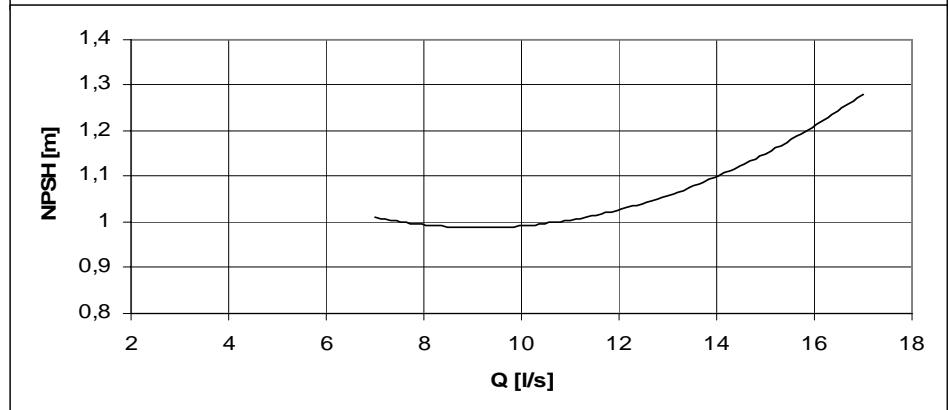
Power
Input



Efficiency



Net
Positive
Suction
Head



Performance curves are valid for clear water $t=20$ °C, $\rho=1000$ kg/m³. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



MZT Pumpi

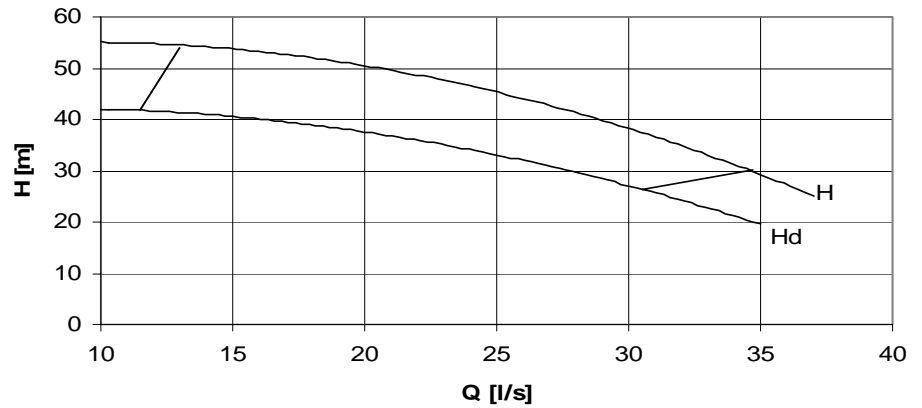
Pump performance curves

Pump type:

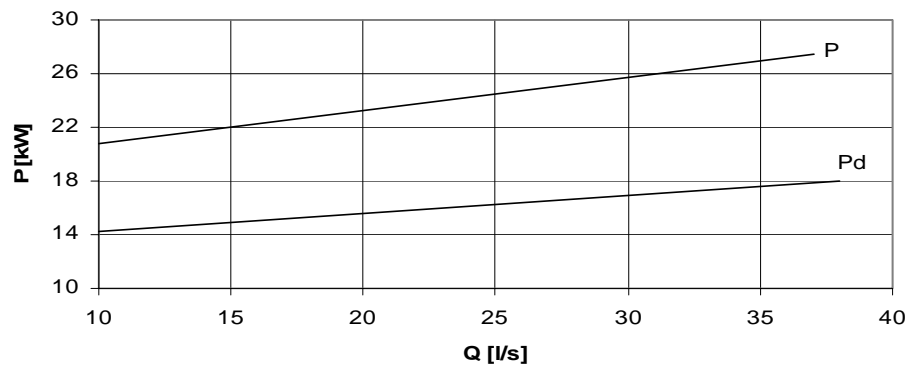
BCP 150-1

$n = 1450$ [rpm]

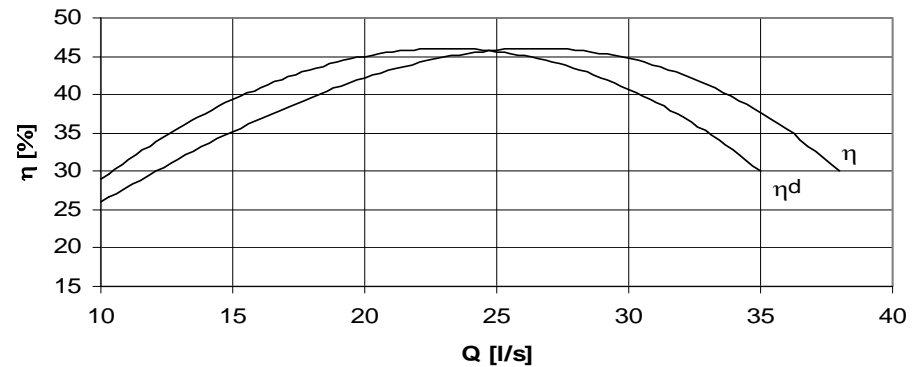
Total
Differential
Head



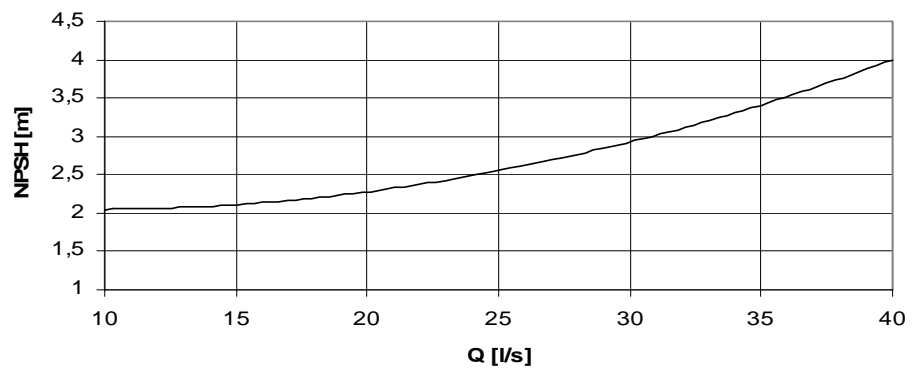
Power
Input



Efficiency



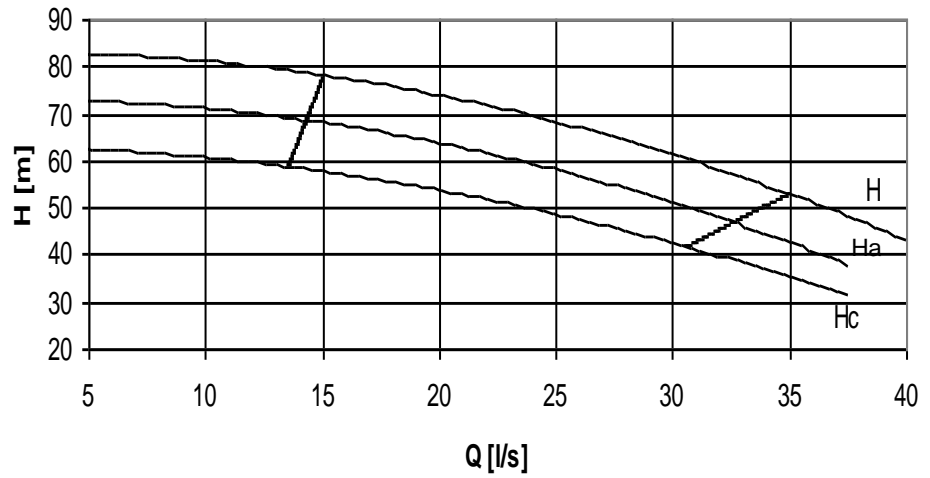
Net
Positive
Suction
Head



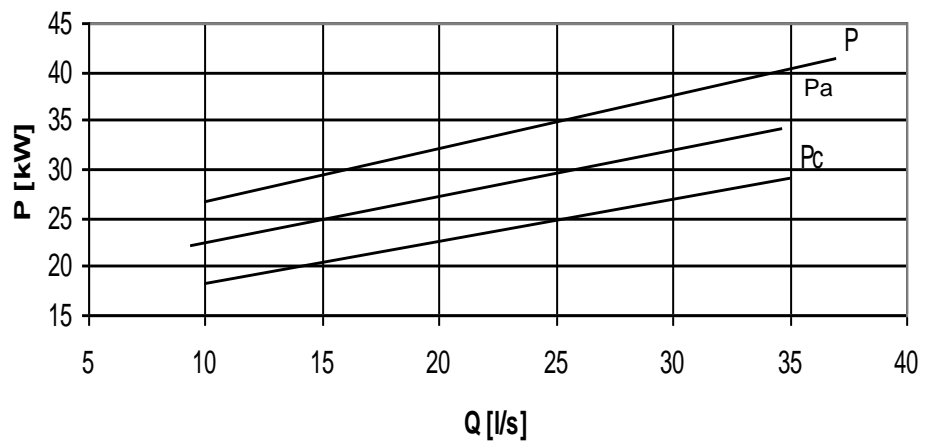
Performance curves are valid for clear water $t=20$ °C, $\rho=1000$ kg/m³. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



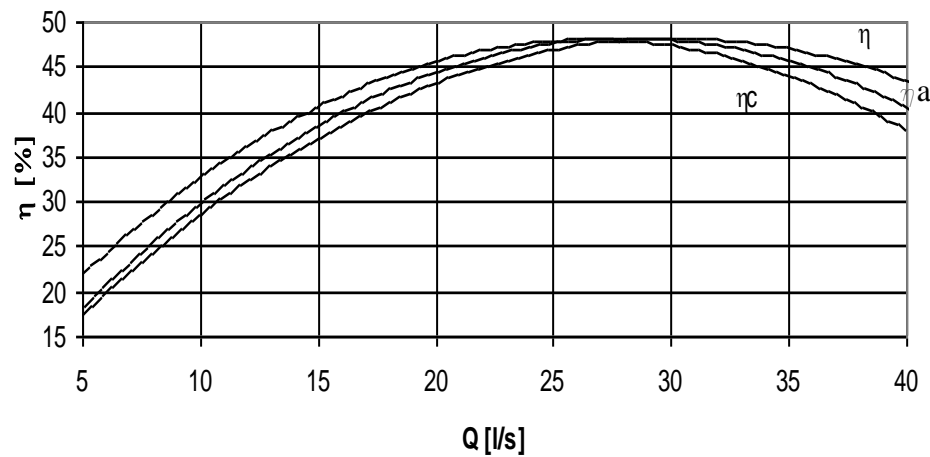
Total
Differential
Head



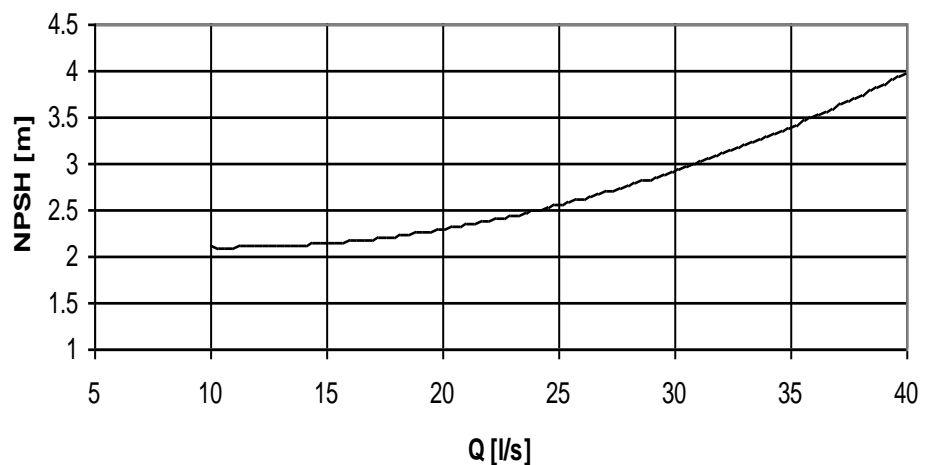
Power
Input



Efficiency



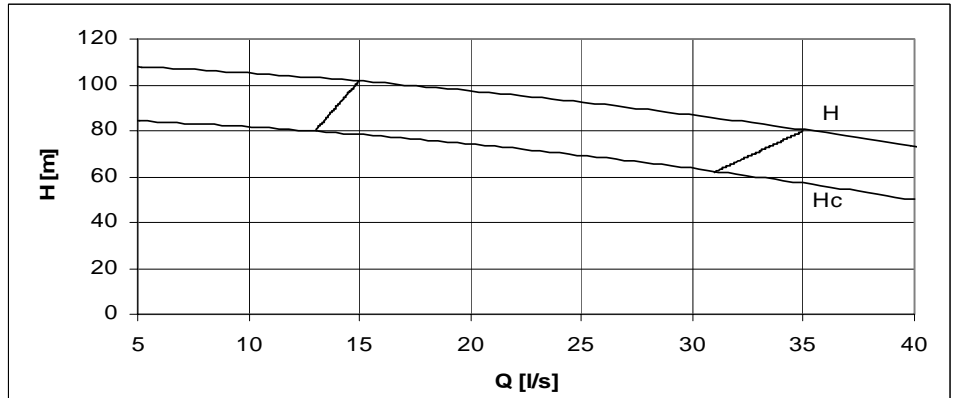
Net
Positive
Suction
Head



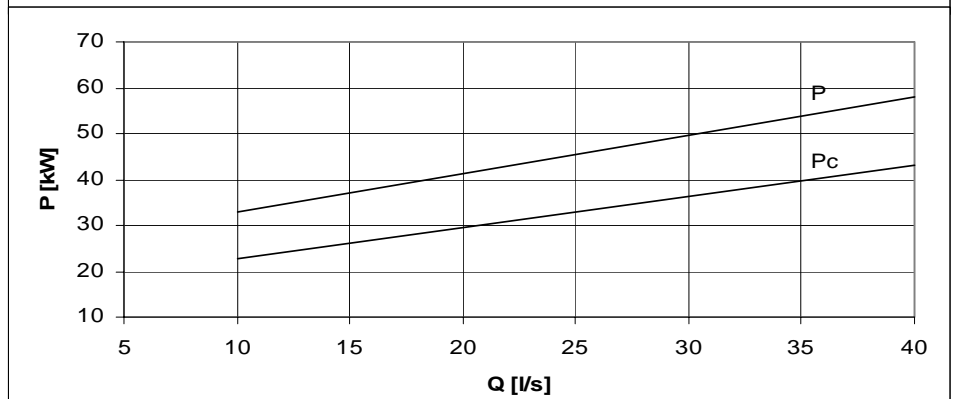


Pump type:
BCP 150-3
n = 1450 [rpm]

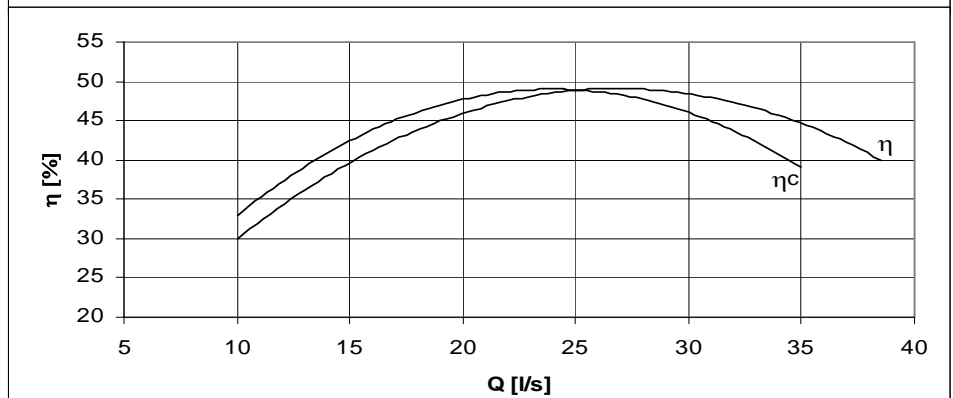
Total
Differential
Head



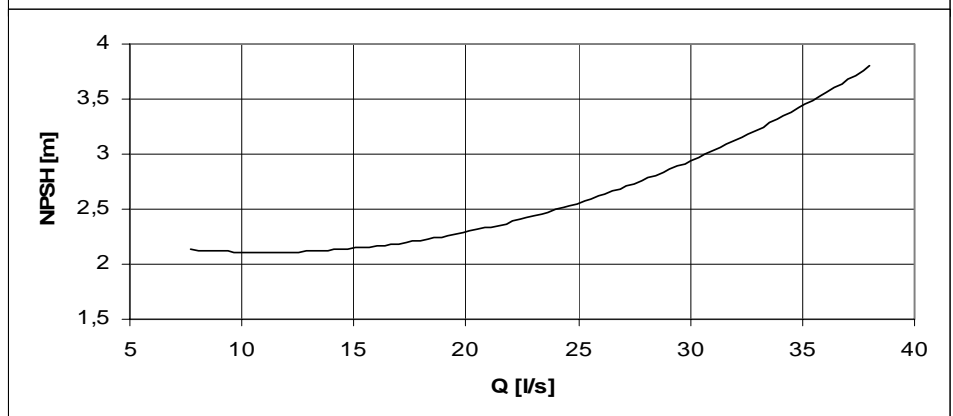
Power
Input



Efficiency

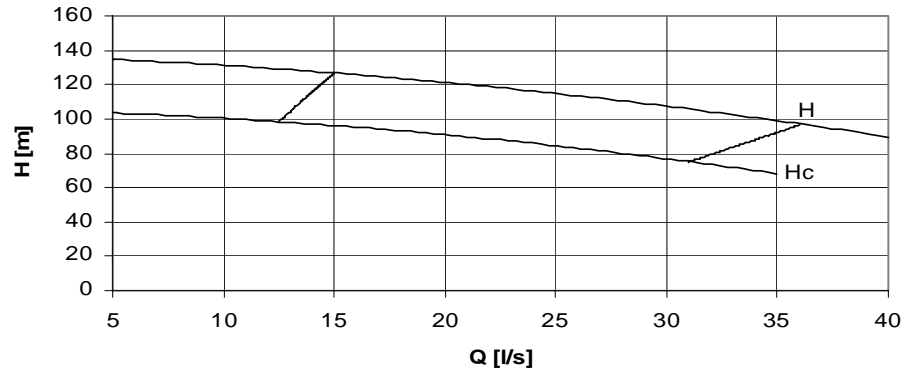


Net
Positive
Suction
Head

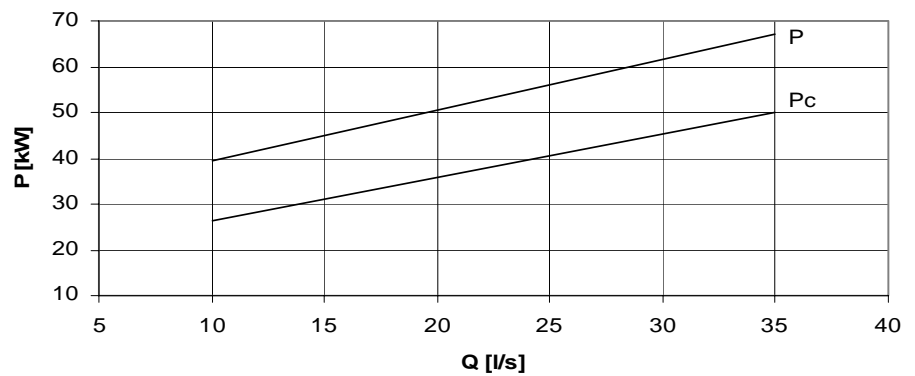




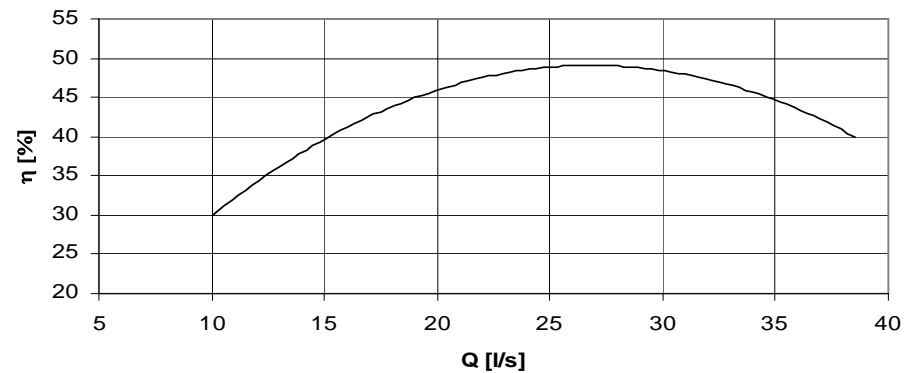
Total
Differential
Head



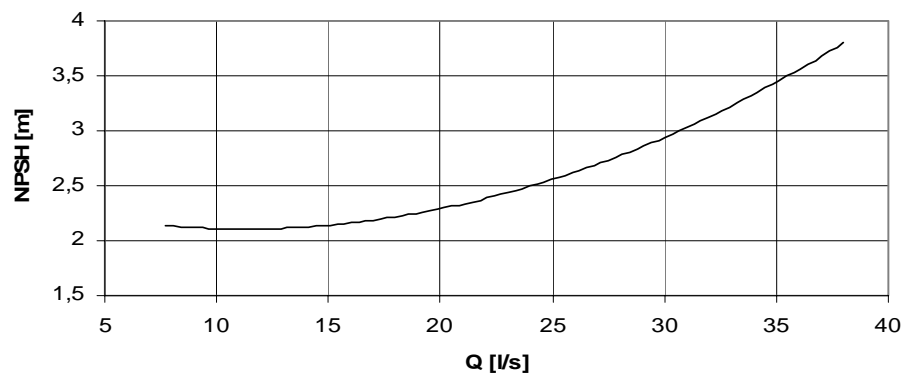
Power
Input



Efficiency

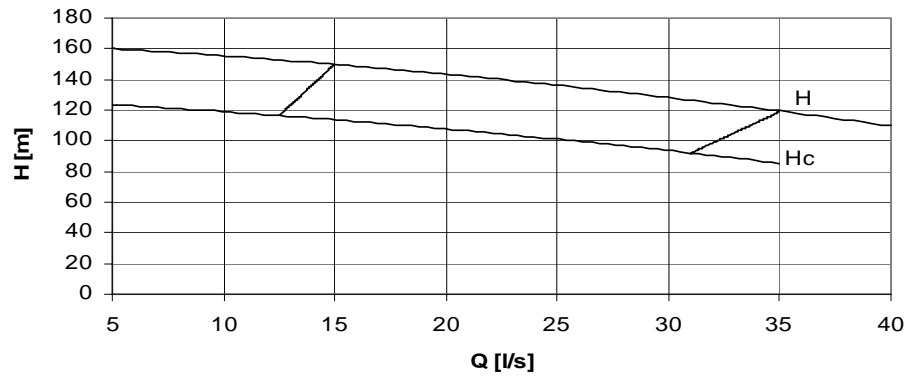


Net
Positive
Suction
Head

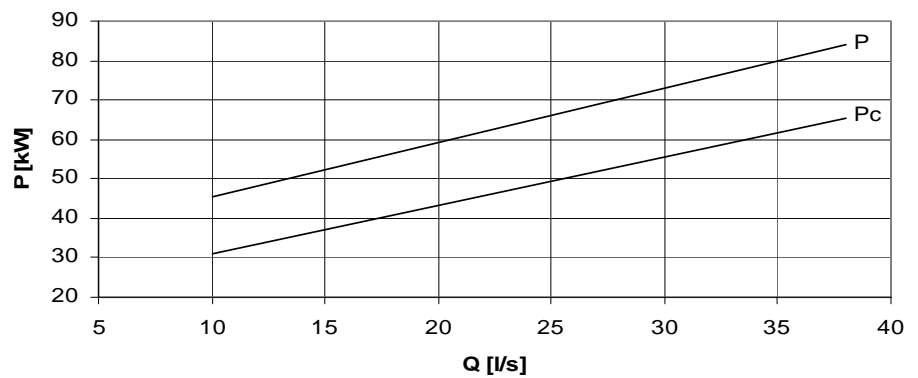




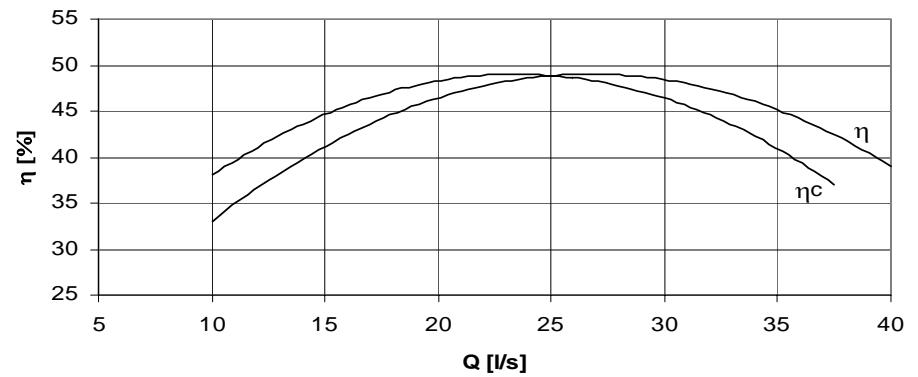
Total
Differential
Head



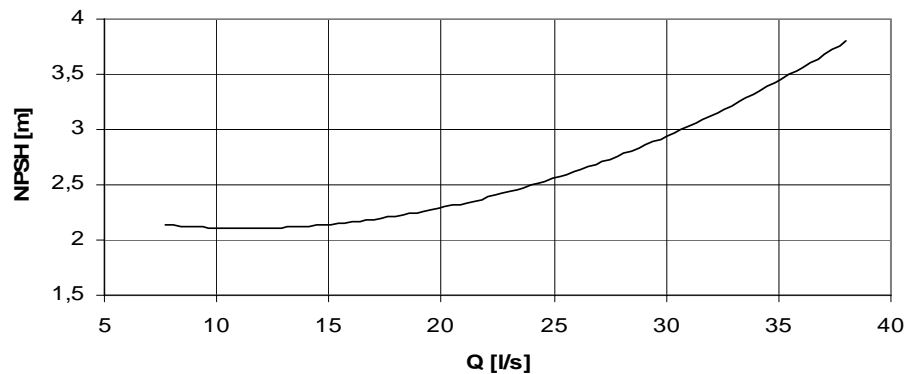
Power
Input



Efficiency



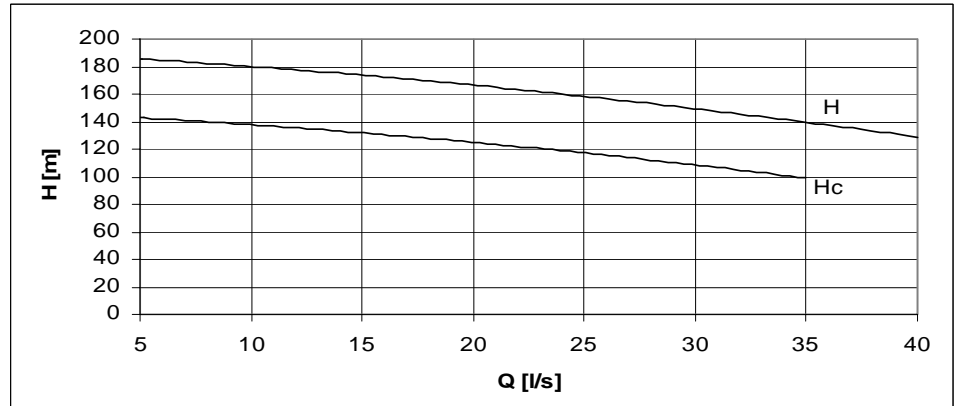
Net
Positive
Suction
Head



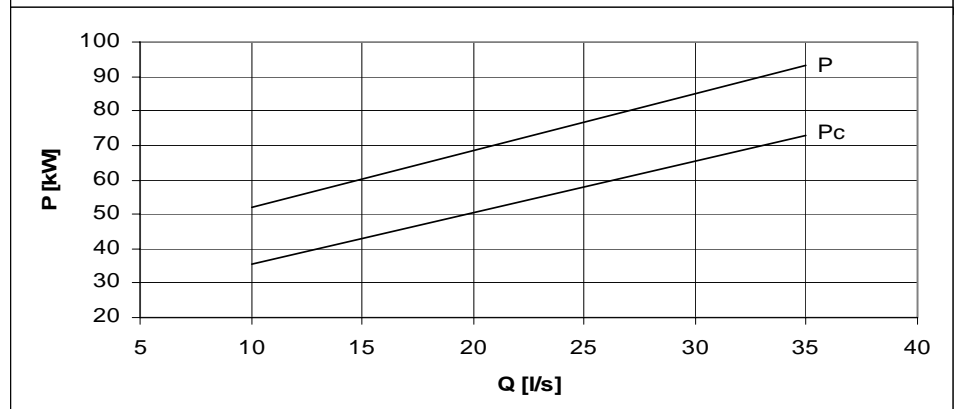


Pump type:
BCP 150-6
n = 1450 [rpm]

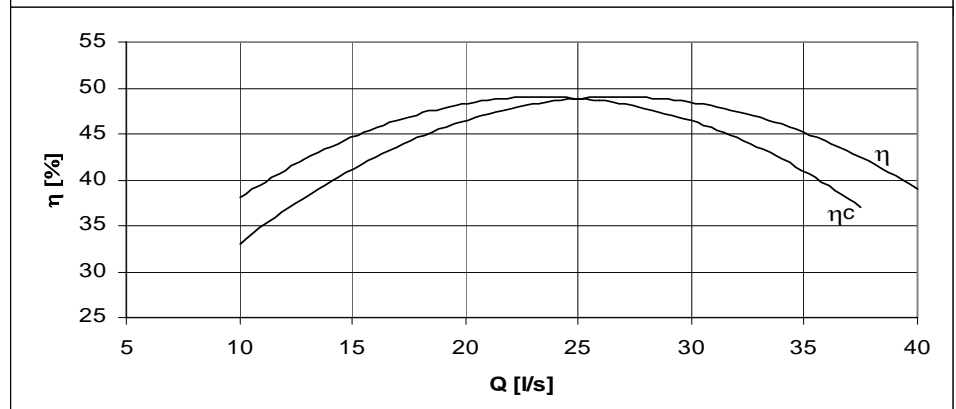
Total
Differential
Head



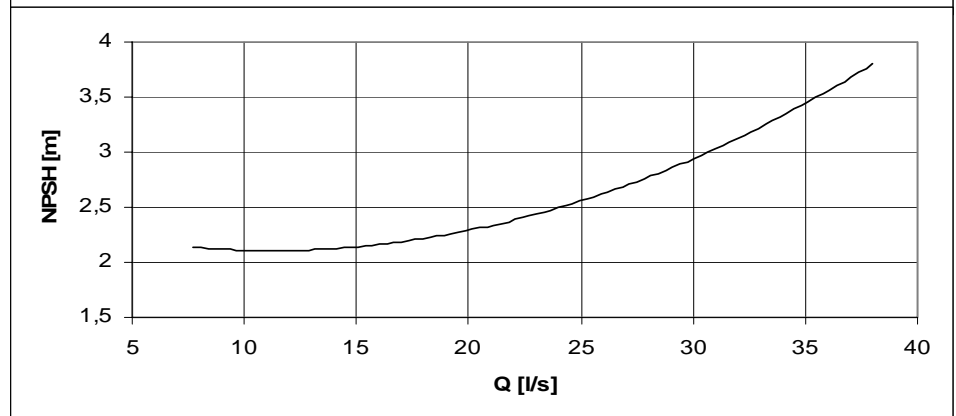
Power
Input



Efficiency



Net
Positive
Suction
Head





MZT Pumpi

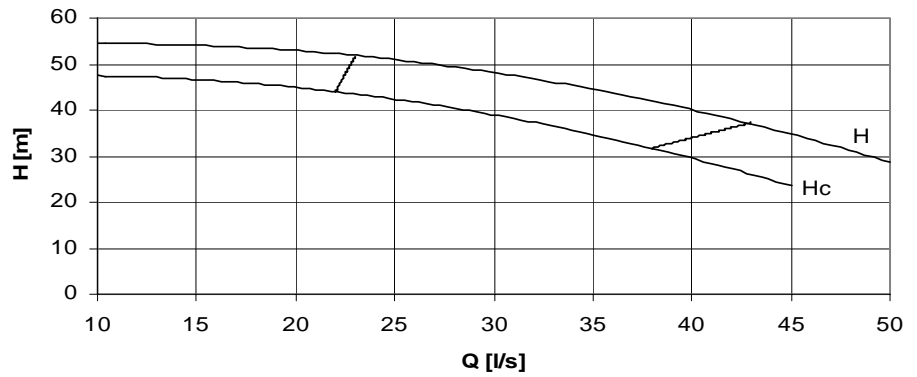
Pump performance curves

Pump type:

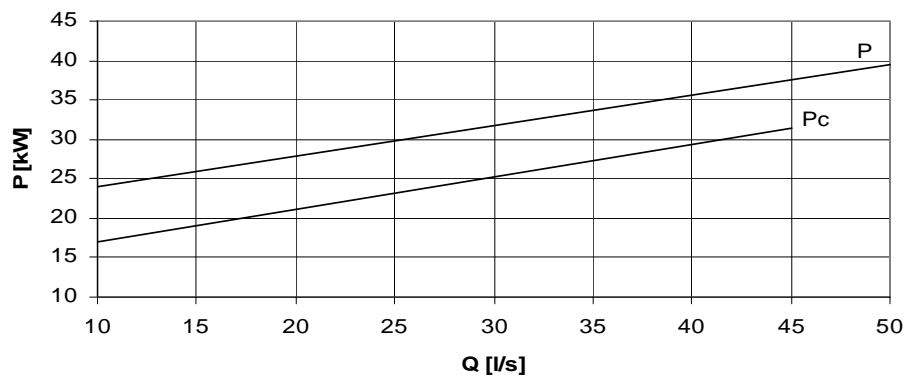
BCP 200-1

$n = 1450$ [rpm]

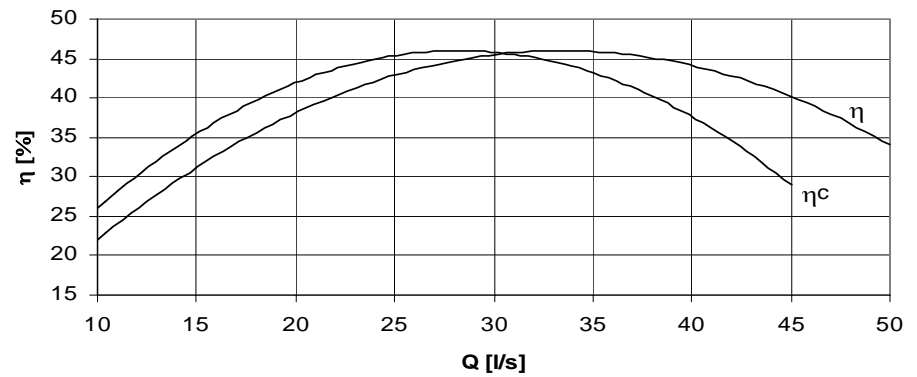
Total
Differential
Head



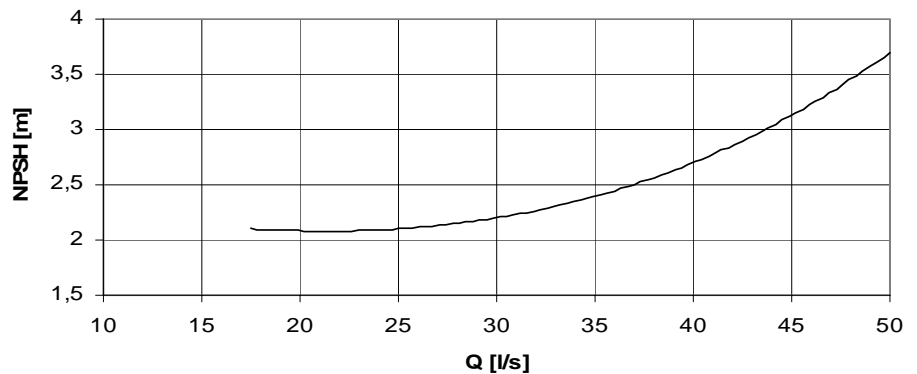
Power
Input



Efficiency



Net
Positive
Suction
Head



Performance curves are valid for clear water $t=20$ °C, $\rho=1000$ kg/m³. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



MZT Pumpi

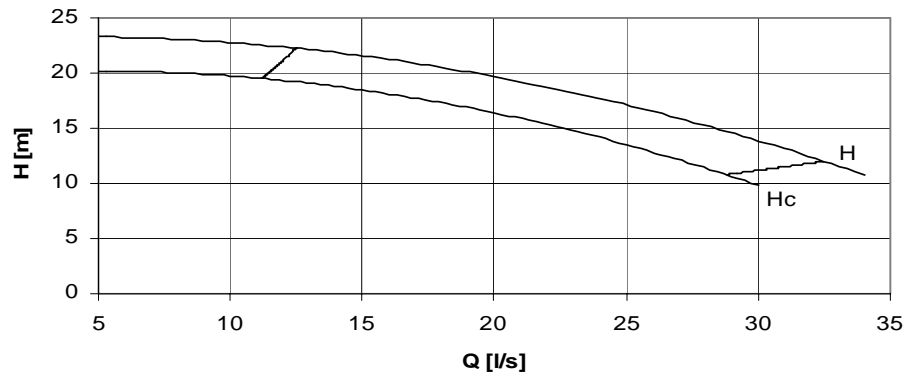
Pump performance curves

Pump type:

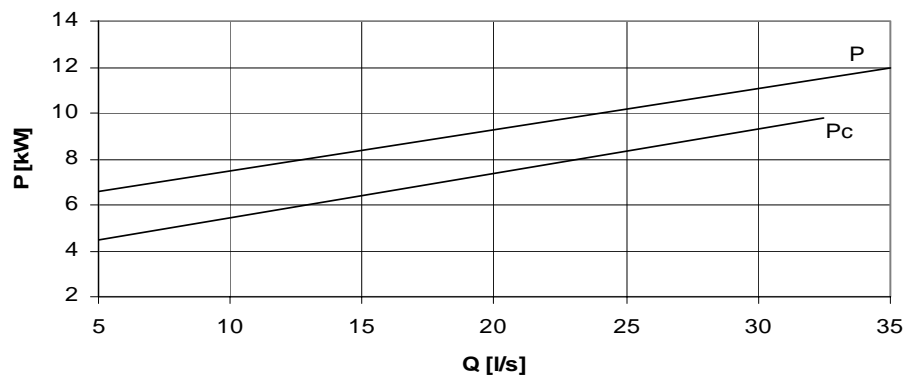
BCP 200-1-6

$n = 960$ [rpm]

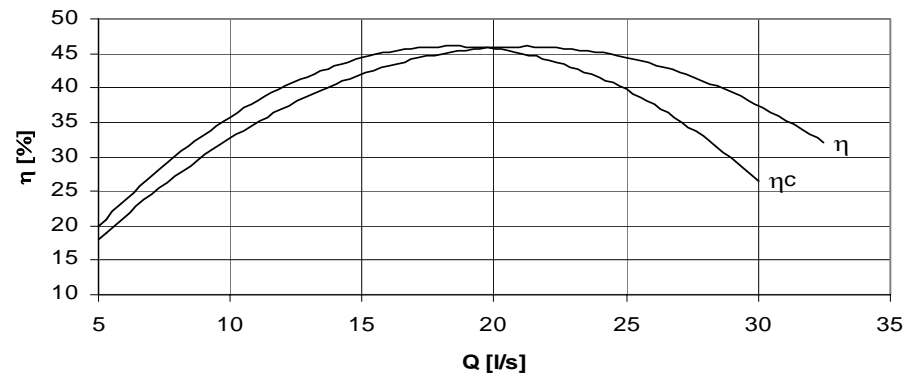
Total
Differential
Head



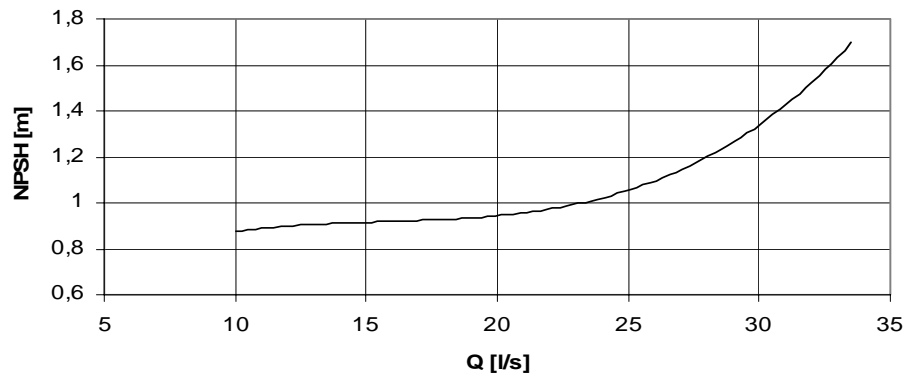
Power
Input



Efficiency



Net
Positive
Suction
Head



Performance curves are valid for clear water $t=20$ °C, $\rho=1000$ kg/m³. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



MZT Pumpi

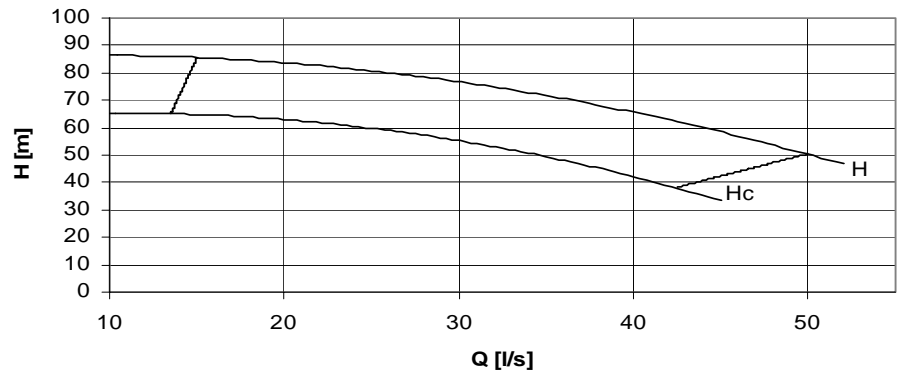
Pump performance curves

Pump type:

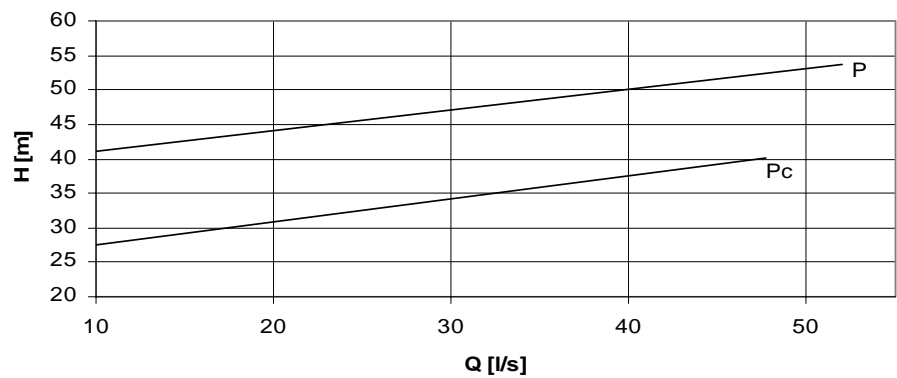
BCP 200-2

$n = 1450$ [rpm]

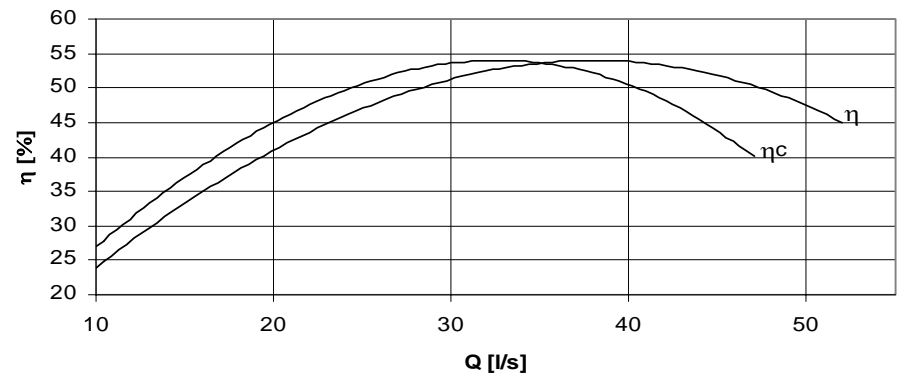
Total
Differential
Head



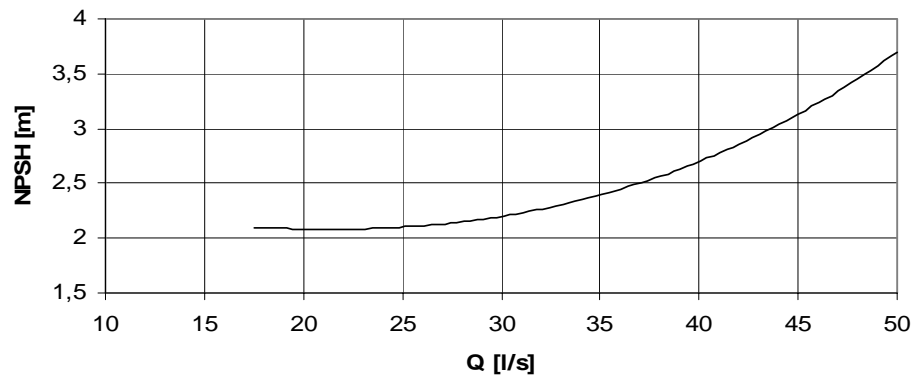
Power
Input



Efficiency



Net
Positive
Suction
Head



Performance curves are valid for clear water $t=20$ °C, $\rho=1000$ kg/m³. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



MZT Pumpi

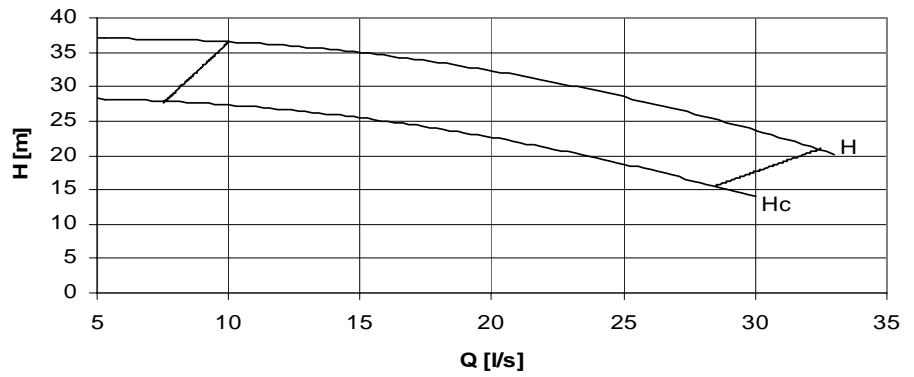
Pump performance curves

Pump type:

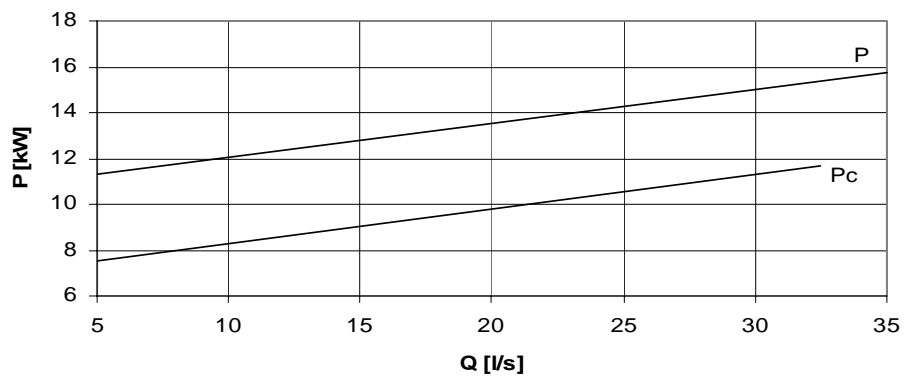
BCP 200-2-6

$n = 960$ [rpm]

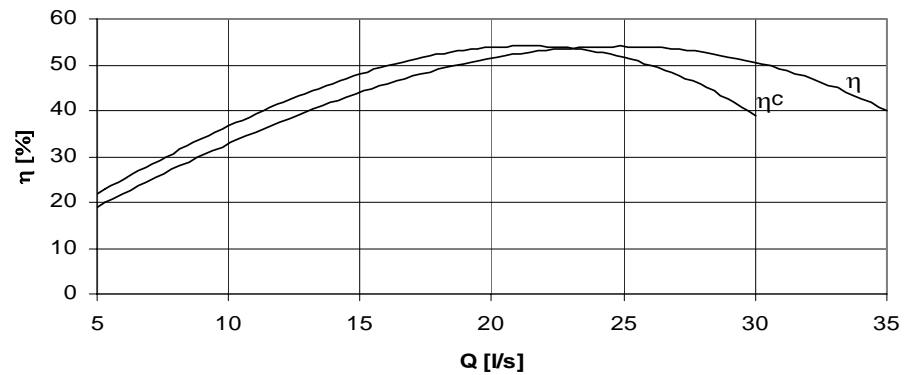
Total
Differential
Head



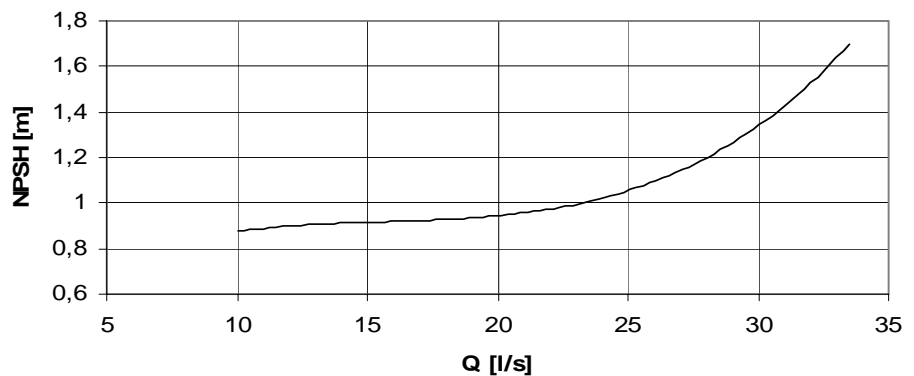
Power
Input



Efficiency



Net
Positive
Suction
Head



Performance curves are valid for clear water $t=20$ °C, $\rho=1000$ kg/m³. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



MZT Pumpi

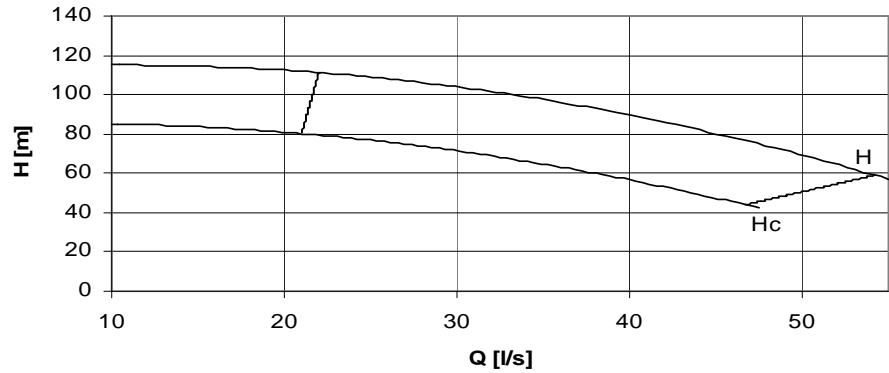
Pump performance curves

Pump type:

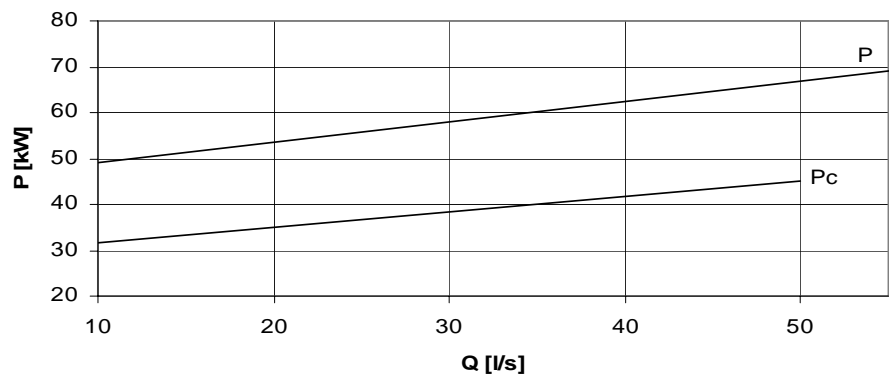
BCP 200-3

$n = 1450$ [rpm]

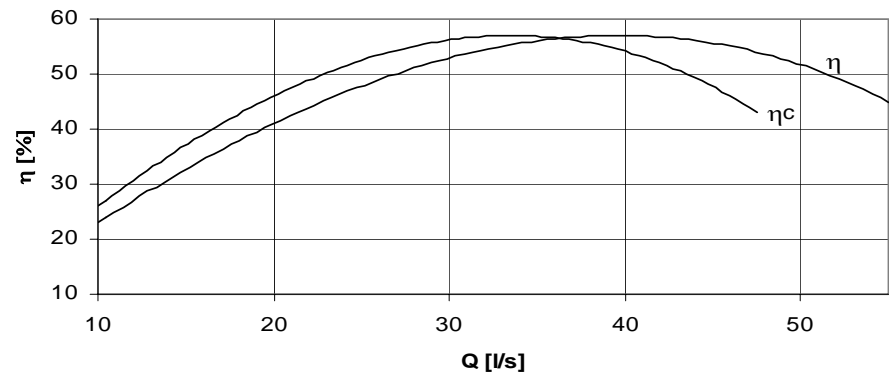
Total
Differential
Head



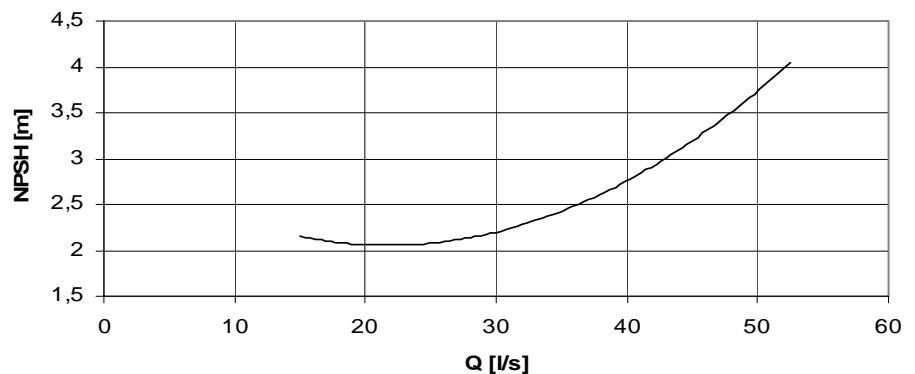
Power
Input



Efficiency



Net
Positive
Suction
Head



Performance curves are valid for clear water $t=20$ °C, $\rho=1000$ kg/m³. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



MZT Pumpi

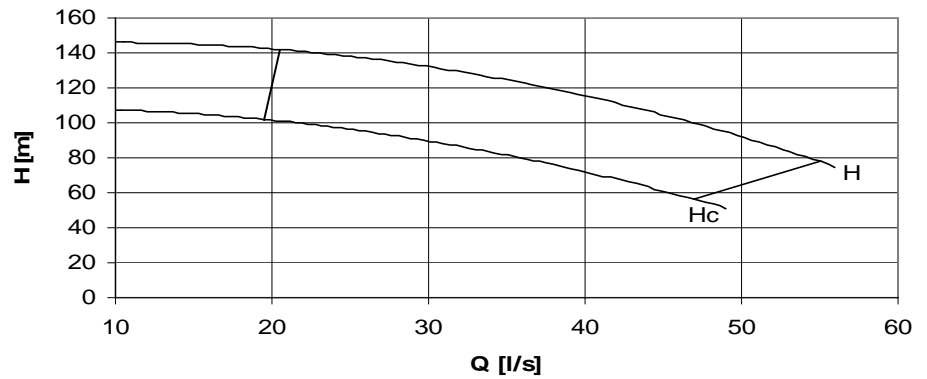
Pump performance curves

Pump type:

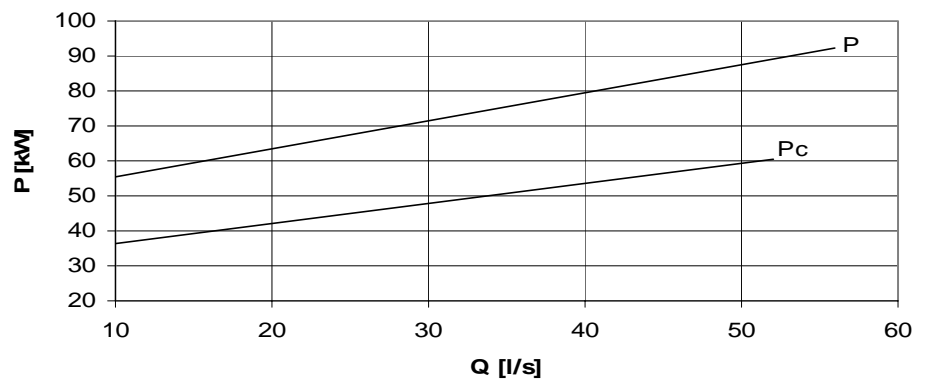
BCP 200-4

$n = 1450$ [rpm]

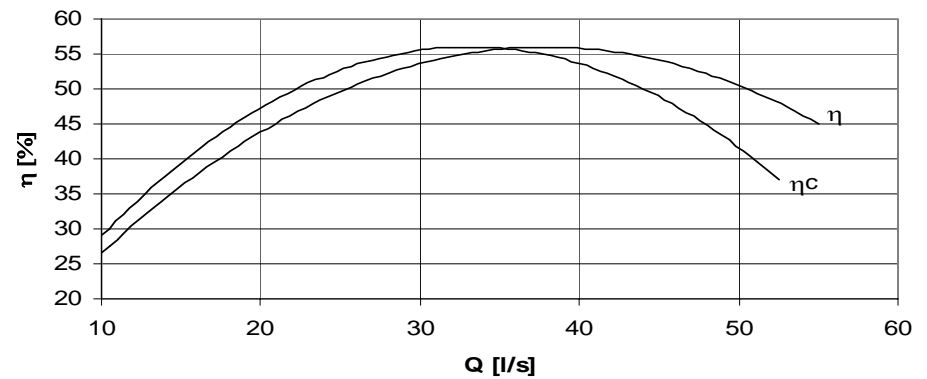
Total
Differential
Head



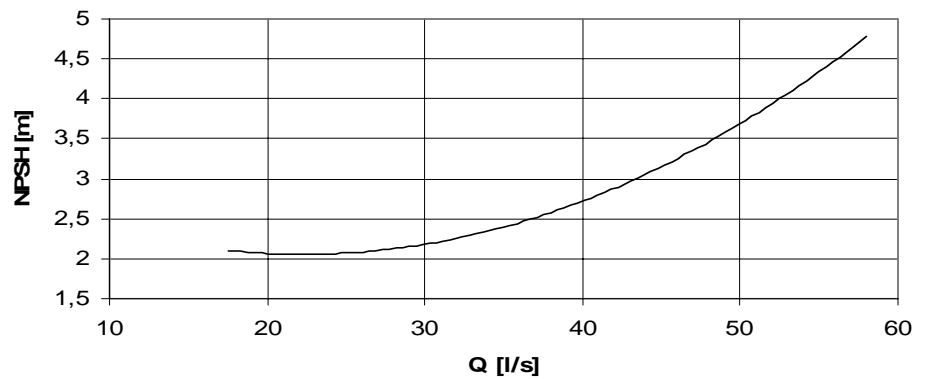
Power
Input



Efficiency



Net
Positive
Suction
Head



Performance curves are valid for clear water $t=20$ °C, $\rho=1000$ kg/m³. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



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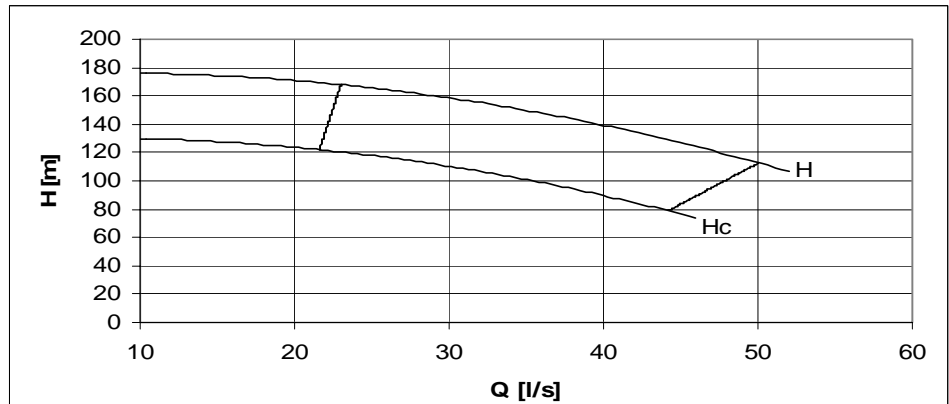
Pump performance curves

Pump type:

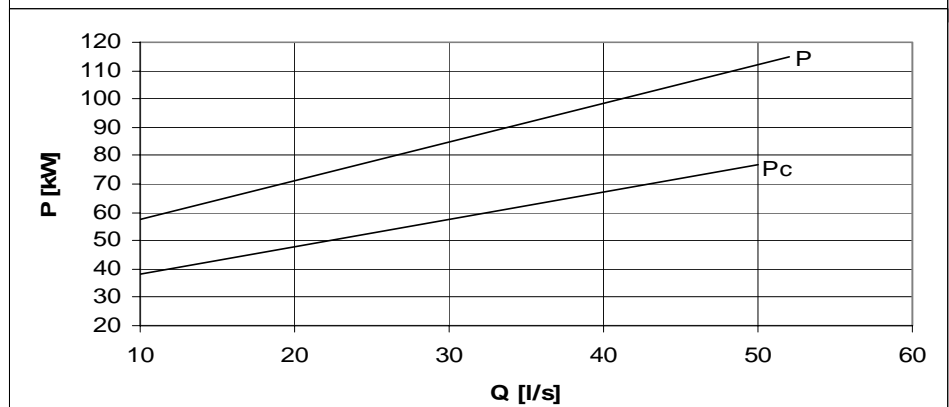
BCP 200-5

$n = 1450$ [rpm]

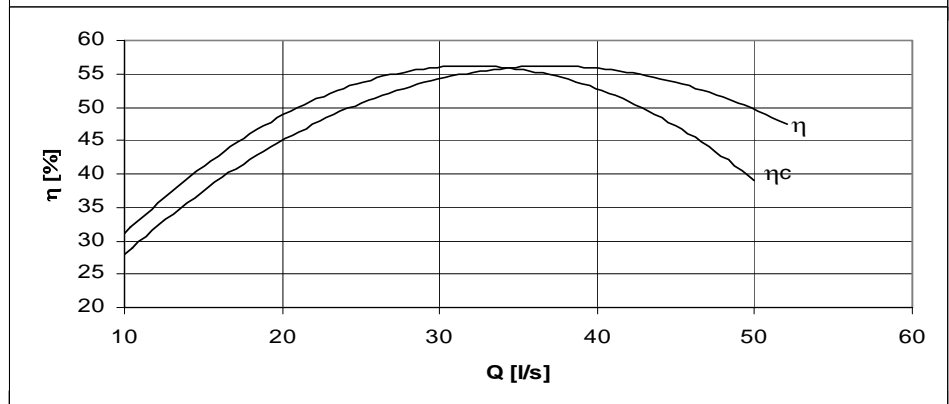
Total
Differential
Head



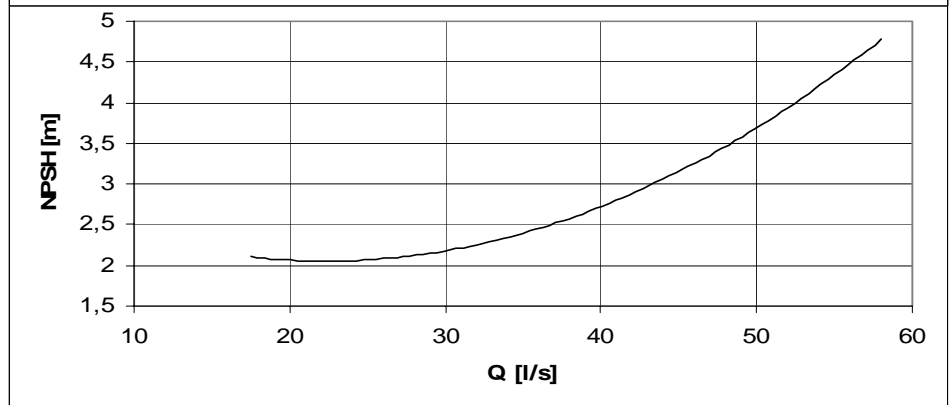
Power
Input



Efficiency



Net
Positive
Suction
Head



Performance curves are valid for clear water $t=20$ °C, $\rho=1000$ kg/m³. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



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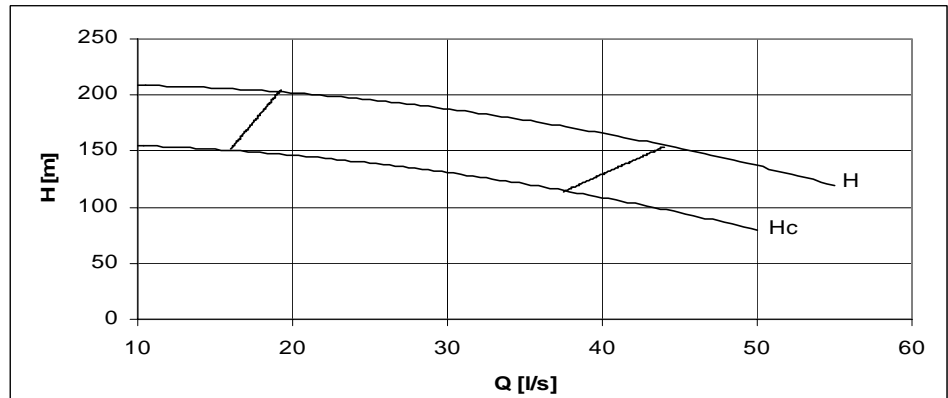
Pump performance curves

Pump type:

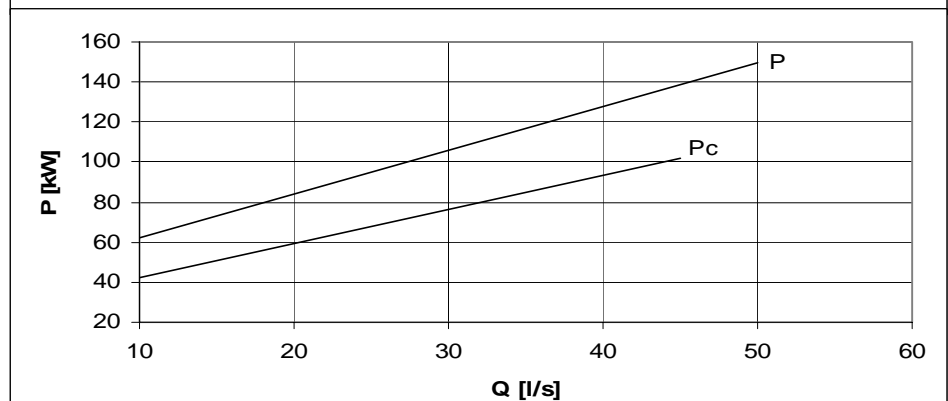
BCP 200-6

$n = 1450$ [rpm]

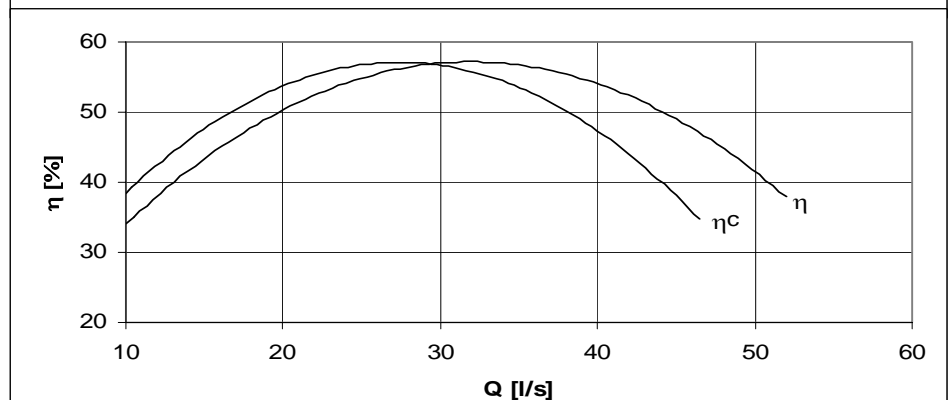
Total
Differential
Head



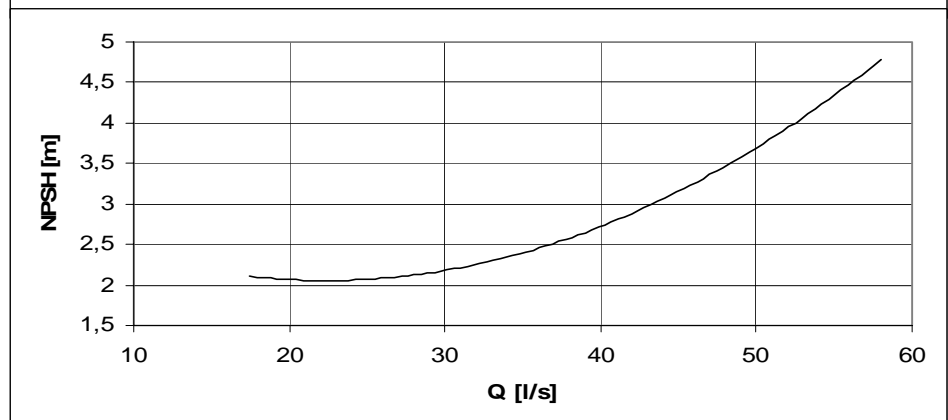
Power
Input



Efficiency



Net
Positive
Suction
Head



Performance curves are valid for clear water $t=20$ °C, $\rho=1000$ kg/m³. NPSH value is obtained in laboratory and for reason of safety shall be increased at least 0.5 m for application. Methods and tolerances of presented performance curves are in accordance with ISO 2548 C



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