



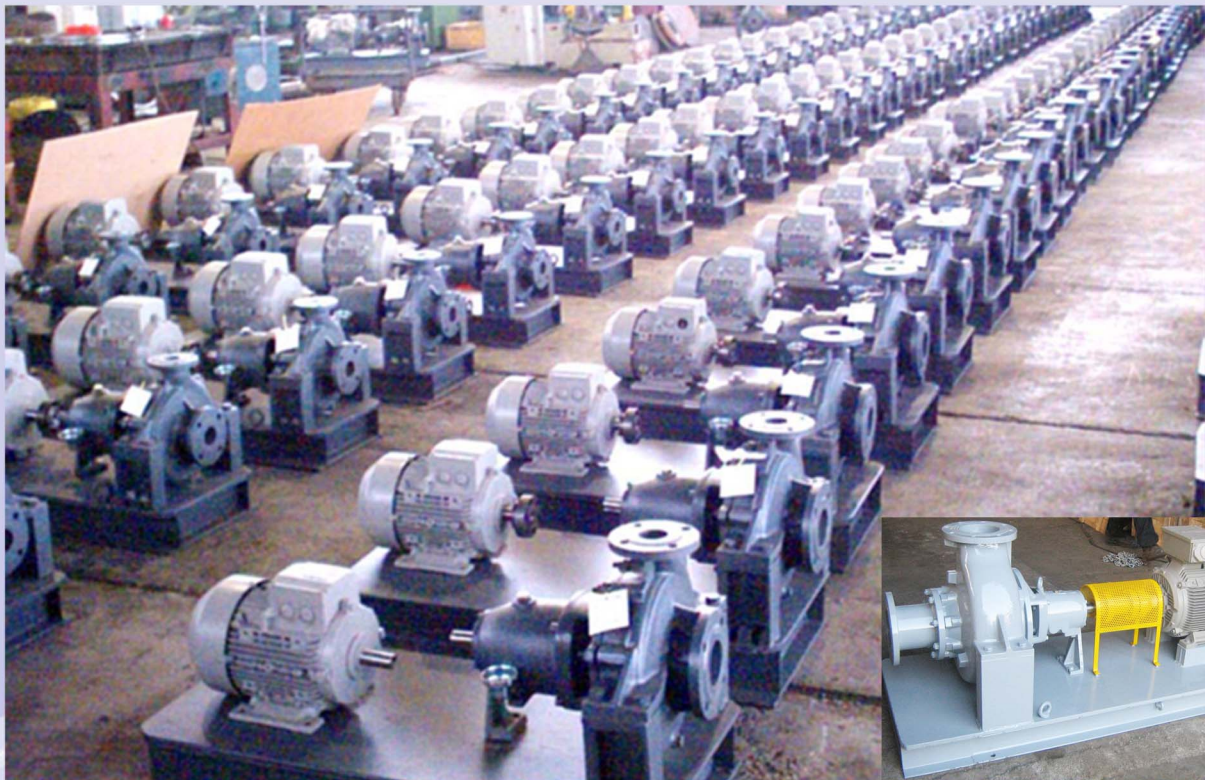
**BERKEH PUMP**

## Centrifugal Pumps (API 610 {OH1,OH2} & Non-API)

Flange Size: 1 1/4" up to 12"

Capacity: up to 1600 m<sup>3</sup>/h

Head: up to 150 m



Address: No. 68, Tehran Industrial Zone, Kahrizak, Shoorabad, Tehran – IRAN

Tel/Fax: (+9821) 56546894 up to 7

Web. [www.berkeh.com](http://www.berkeh.com)

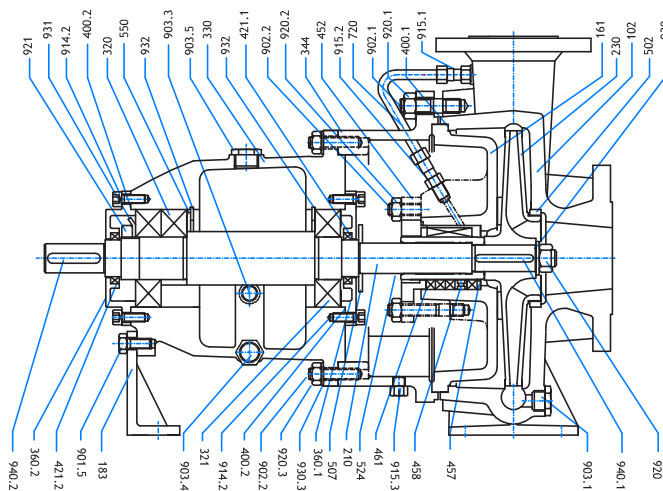
E-mail: [info@berkeh.com](mailto:info@berkeh.com)

[berkehpumps@yahoo.com](mailto:berkehpumps@yahoo.com)

## Sectional Drawing

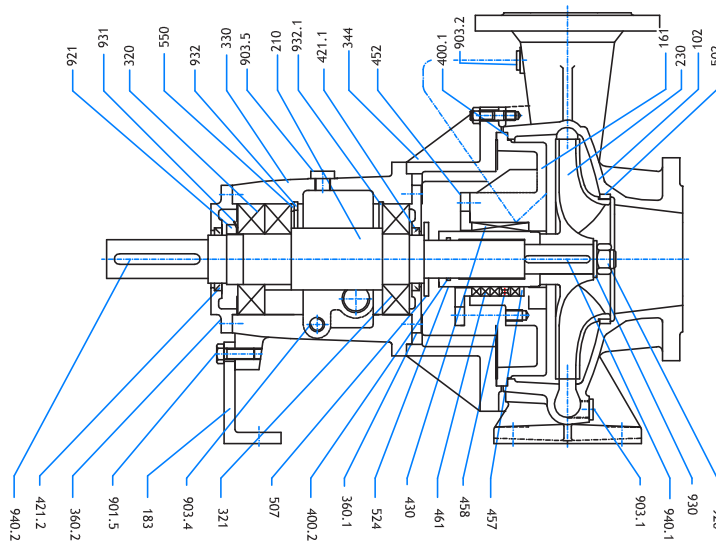
Pump size:

32-160	40-160	50-160	65-160	80-160	100-160	125-200
32-200	40-200	50-200	65-200	80-200	100-200	
32-250	40-250	50-250				



Pump size:

						150-200
		65-250	80-250	100-250	125-250	150-250
40-315	50-315	65-315	80-315	100-315	125-315	150-315

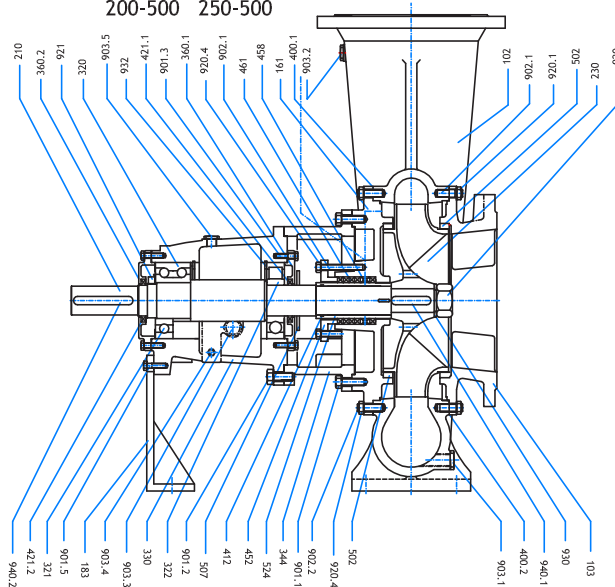


<u>part name</u>	<u>p.no.</u>	<u>part name</u>	<u>p.no.</u>	<u>part name</u>	<u>p.no.</u>	<u>part name</u>	<u>p.no.</u>
Volute casing	102	Bearing cover	360.1,2	H.h. screw	901.1..5	Retaining ring	932
Suction flang	103	Gasket	400.1,2	stud	902.1,2	Key	940.1,2,3
Casing cover	161	O-ring	412	Drain plug	903.1		
Support	183	Oil seal	421.1,2	Breather plug	903.2		
Shaft	210	Gland	452	Oil ind.plug	903.3		
Impeller	230	Lantern ring	458	Oil eva.plug	903.4		
Thrust bearing	320	Packing	461	Oil pour. plug	903.5		
Ball bearing	321	Wear ring	502	Nut	920.1,2,3		
Roller bearing	322	thrower	507	Lock nut	921		
Bearing housing	330	Sleeve	524	Impeller nut	922		
Vaseteh	344	Plain washer	550	Lock washer	931		

## Sectional Drawing

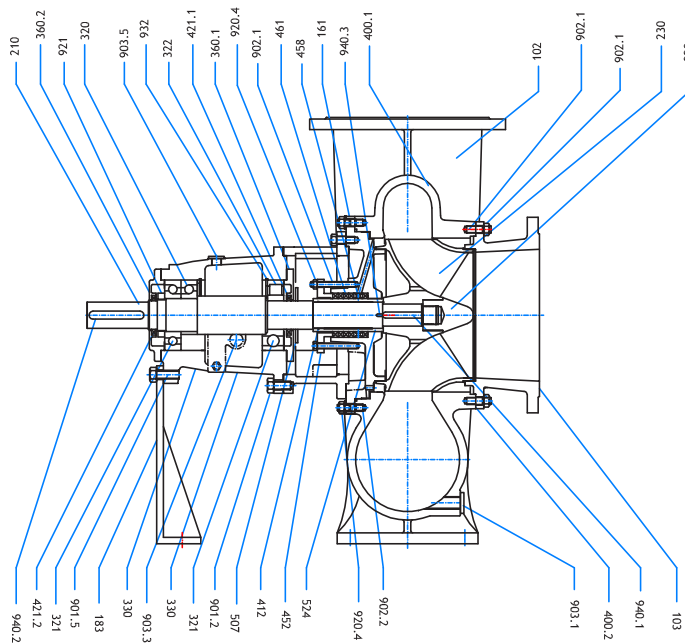
Pump size:

80-400 100-400 125-400 150-400 200-330 250-330  
200-400 250-400  
200-500 250-500



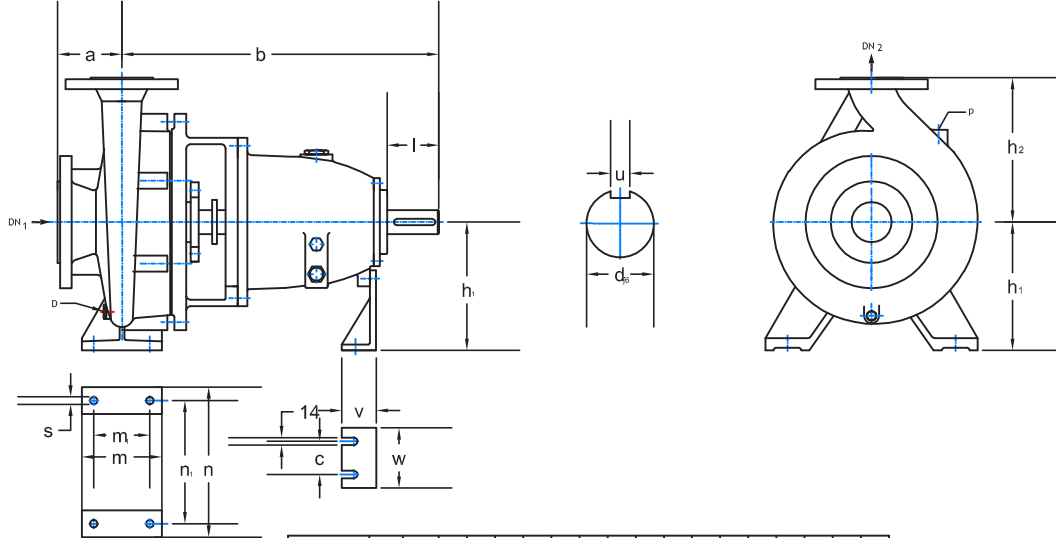
Pump size:

200-230 250-290 300-350



part name	p.no.	part name	p.no.	part name	p.no.	part name	p.no.
Volute casing	102	Bearing cover	360.1,2	H.h. screw	901.1..5	Retaining ring	932
Suction flang	103	Gasket	400.1,2	stud	902.1,2	Key	940.1,2,3
Casing cover	161	O-ring	412	Drain plug	903.1		
Support	183	Oil seal	421.1,2	Breather plug	903.2		
Shaft	210	Gland	452	Oil ind.plug	903.3		
Impeller	230	Lantern ring	458	Oil eva.plug	903.4		
Thrust bearing	320	Packing	461	Oil pour. plug	903.5		
Ball bearing	321	Wear ring	502	Nut	920.1,2,3		
Roller bearing	322	thrower	507	Lock nut	921		
Bearing housing	330	Sleeve	524	Impeller nut	922		
Vaseteh	344	Plain washer	550	Lock washer	931		

### Dimension Table

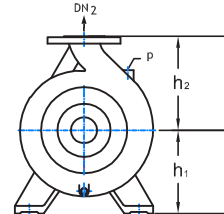
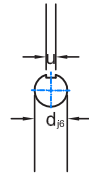
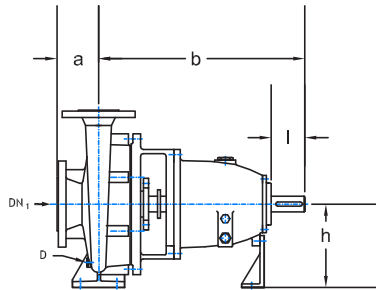


Pump type	DN1	DN2	a	b	c	d	e	h <sub>1</sub>	h <sub>2</sub>	l	m <sub>1</sub>	m <sub>2</sub>	n <sub>1</sub>	n <sub>2</sub>	s	u	v	w
32-125	50	32	80															
32-160				390	55	30		132	160	60	100	70	240	190	14	8	45	75
32-200				390	55	30		160	180	60	100	70	240	190	14	8	45	75
32-250				100	390	75	30		180	225	60	100	70	320	250	14	8	62
40-125	65	40	80															
40-160				390	55	30		132	160	60	100	70	240	190	14	8	45	75
40-200				390	55	30		160	180	60	100	70	265	212	14	8	45	75
40-250				390	75	30		180	225	60	125	95	320	250	14	8	62	100
40-315				125	390	75	42		225	250	110	125	95	345	280	14	12	62
50-125	65	50	100															
50-160				390	55	30		160	180	60	100	70	265	212	14	8	45	75
50-200				390	55	30		160	200	60	100	70	265	212	14	8	45	75
50-250				390	75	30		180	225	60	125	95	320	250	14	8	62	100
50-315				125	495	75	42		225	280	110	125	95	345	280	14	12	62
65-125	80	65	100															
65-160				390	75	30		160	200	60	125	95	280	212	14	8	62	100
65-200				390	75	30		180	225	60	125	95	320	250	14	8	62	100
65-250				495	100	42		200	250	110	160	120	360	280	18	12	75	160
65-315	125	495	100	42		225	280	110	160	120	400	315	18	12	75	160		
80-160	100	80	125															
80-200				390	55	30		180	250	60	125	95	345	280	14	8	62	100
80-250				495	100	42		200	280	110	160	120	400	315	18	12	75	160
80-315				495	100	42		250	315	110	160	120	400	315	18	12	75	160
80-400	690	100	60		280	355	140	160	120	435	355	18	18	75	160			
100-160	125	100	140															
100-200				390	100	30		200	280	60	160	120	360	280	18	8	75	160
100-250				390	100	30		200	280	60	160	120	360	280	18	8	75	160
100-315				495	100	42		225	280	110	160	120	400	315	18	12	75	160
100-400	690	100	60		280	355	140	200	150	500	400	23	18	75	160			
125-200	150	125	140															
125-250				390	100	30		250	315	60	160	120	400	315	18	8	75	160
125-315				495	100	42		250	355	110	160	120	400	315	18	12	75	160
125-400				690	100	60		315	400	140	200	150	500	400	23	18	75	160
150-200	200	150	160															
150-250				495	100	42		280	400	110	200	150	500	400	23	12	75	160
150-315				495	100	60		280	400	140	200	150	550	450	23	18	75	160
150-400				690	100	60		315	450	140	200	150	550	450	23	18	75	160
150-500	170	710	100	60		400	525	140	250	190	700	560	28	18	75	160		
200-230	200	200	250	525	100	60	244	300	300	110	250	190	580	440	24	12	75	160
200-330	250	200																
200-400			175	720	100	60		400	475	140	250	190	700	560	28	18	75	160
200-500			180	720	100	60		400	525	140	250	190	700	560	28	18	75	160
250-290			175	720	100	60		400	575	140	250	190	800	660	28	18	75	160
250-330	250	250	220	720	100	60	292	400	350	140	250	190	800	660	28	18	75	160
250-400	245	720	100	60		400	525	140	250	190	700	560	28	18	75	160		
250-500	180	720	100	60		400	600	140	250	190	800	660	28	18	75	160		
300-350	210	720	100	60		400	650	140	250	190	800	660	28	18	75	160		
300-350	300	300	300	730	100	60	352	400	450	140	320	260	840	680	28	18	75	160



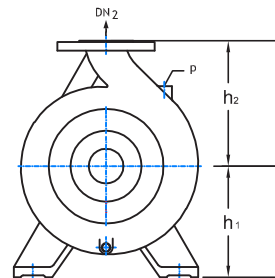
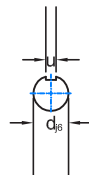
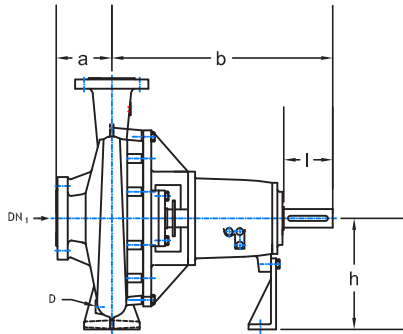
**BERKEH**  
Centrifugal Pump

## Dimension Table



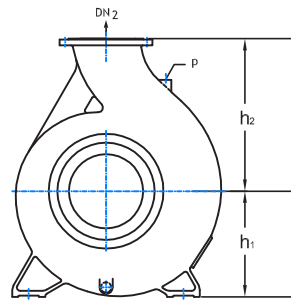
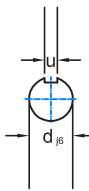
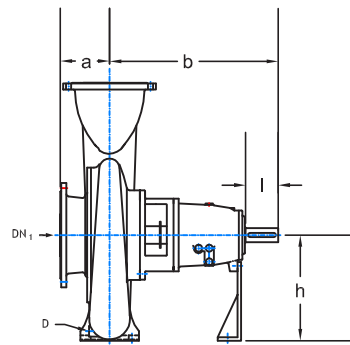
Pump type:

32-160	40-160	50-160	65-160	80-160	100-160	125-200
32-200	40-200	50-200	65-200	80-200	100-200	
32-250	40-250	50-250				



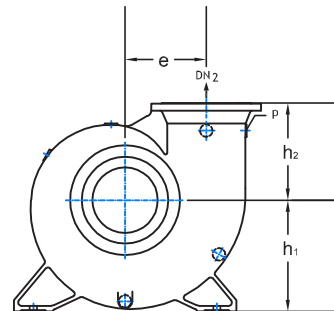
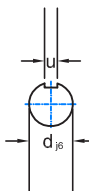
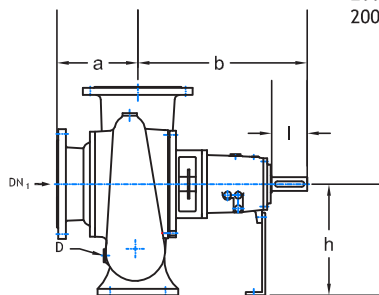
Pump type:

		65-250	80-250	100-250	125-250	150-250
40-315	50-315	65-315	80-315	100-315	125-315	150-315



Pump type:

80-400	100-400	125-400	150-400	200-330	250-330
				200-400	250-400
				200-500	250-500

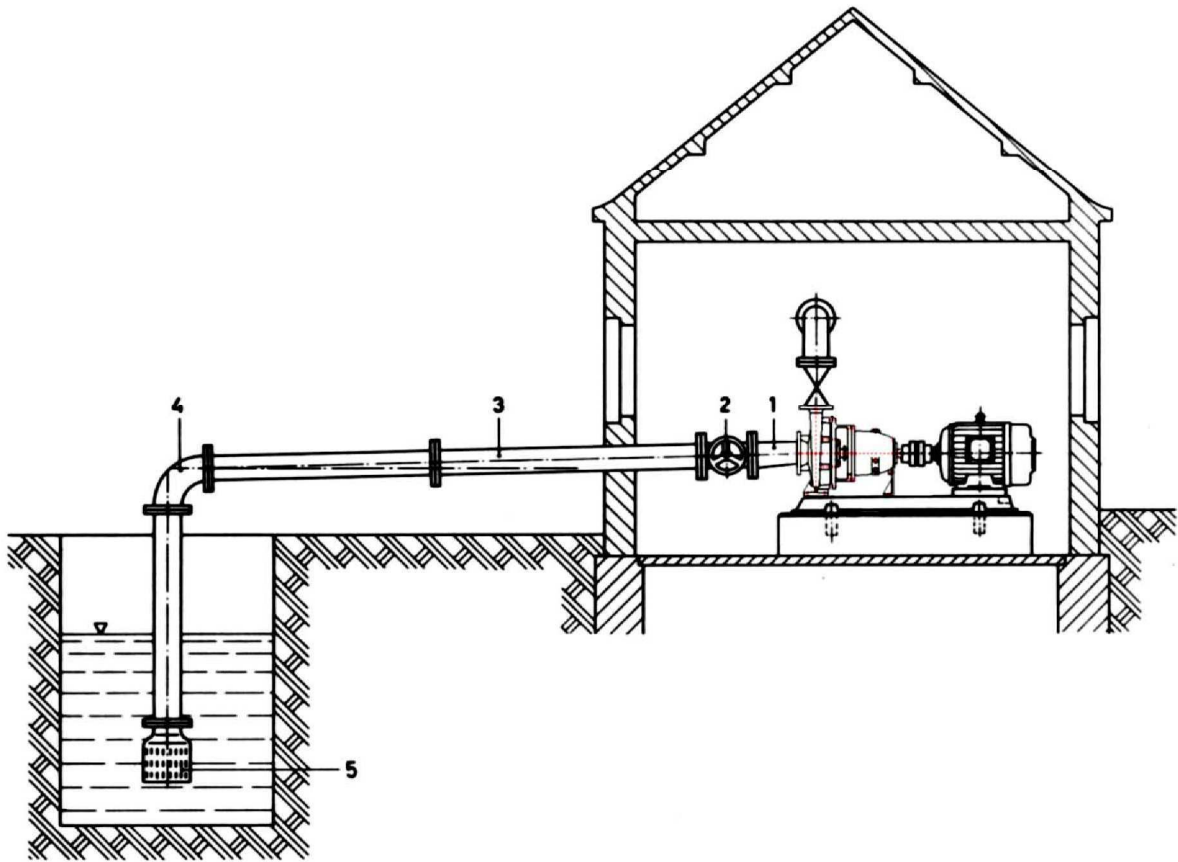


Pump type:

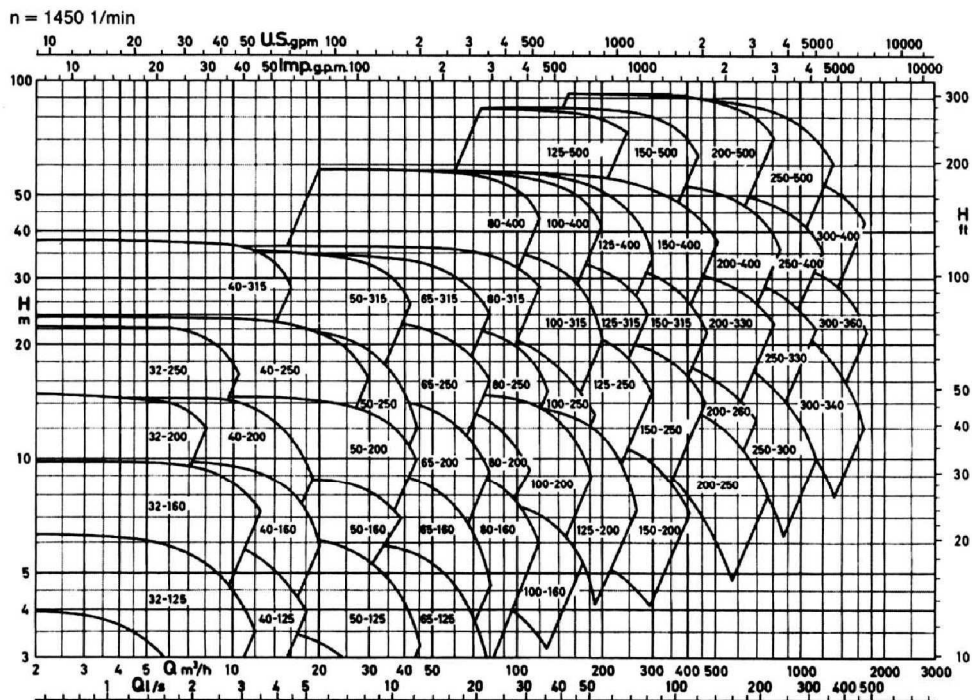
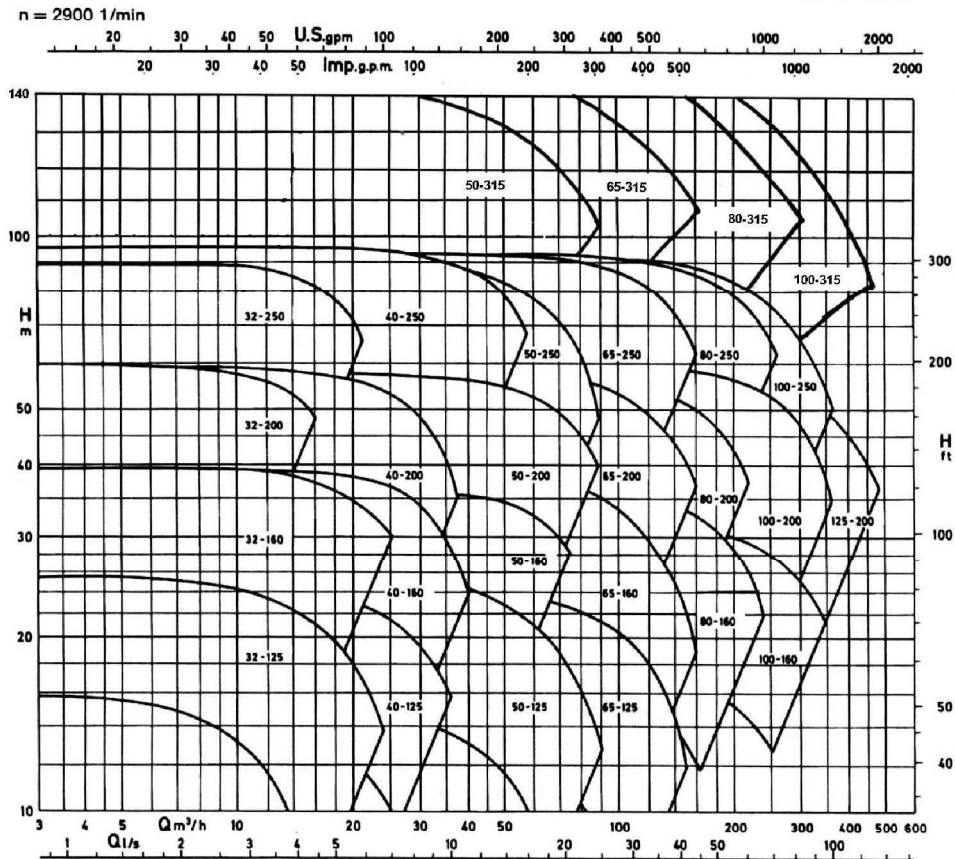
200-230	250-290	300-350
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D : Draine  
P : Pressure guage

Correct laying of suction lift line

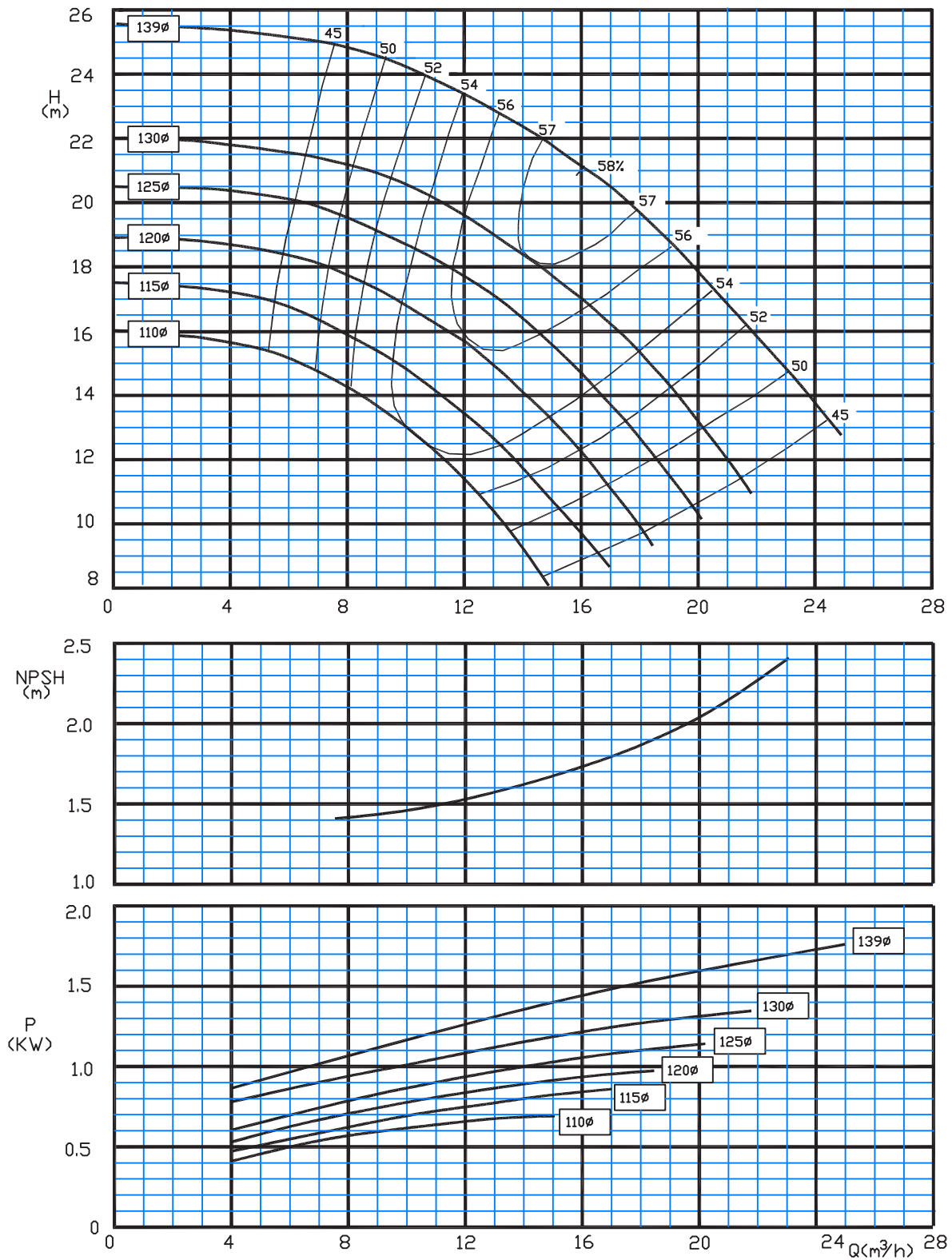


## 50 Hz



Type: 32-125/C

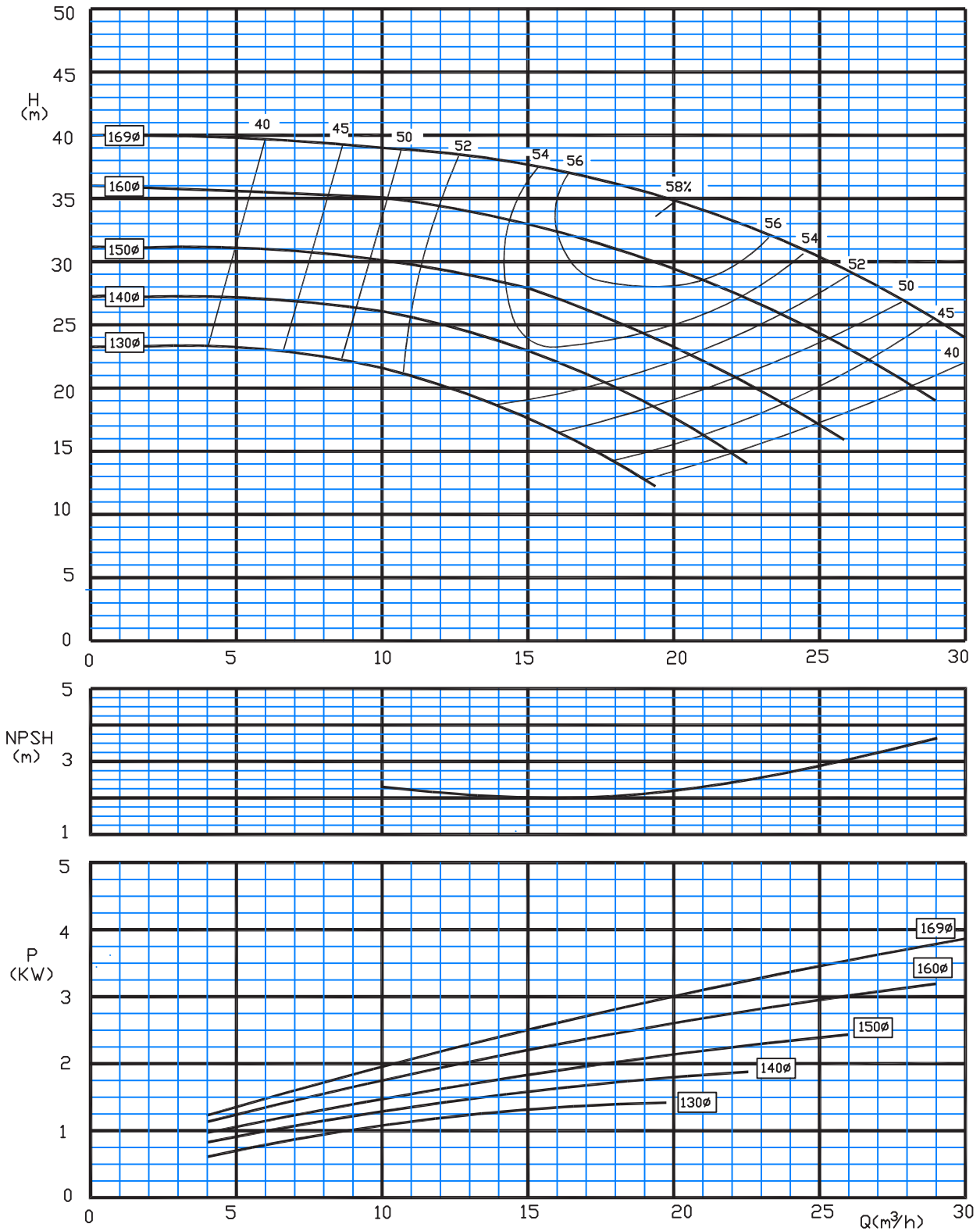
2900 rpm





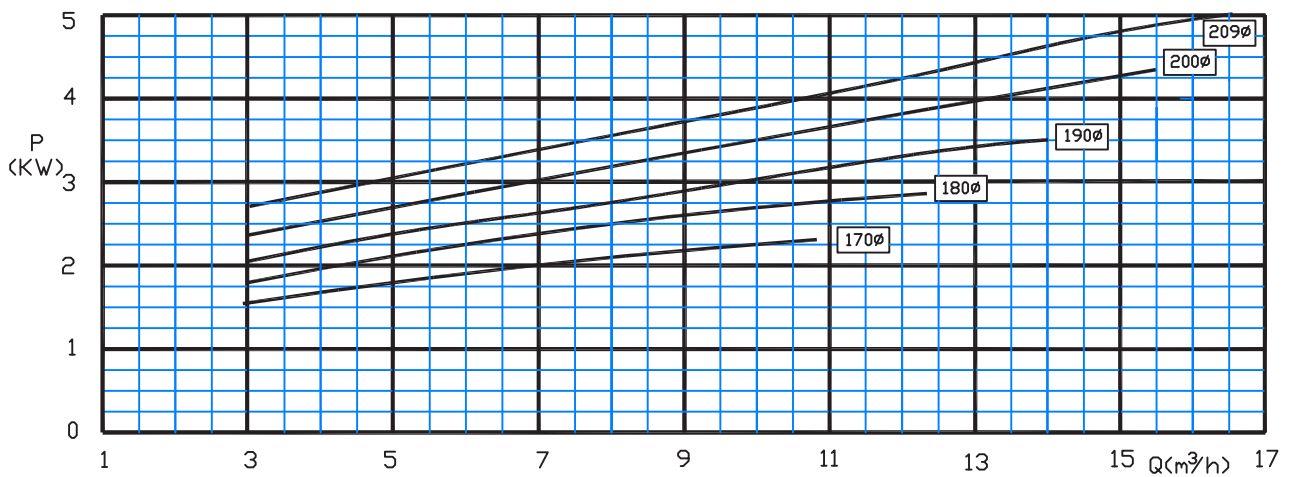
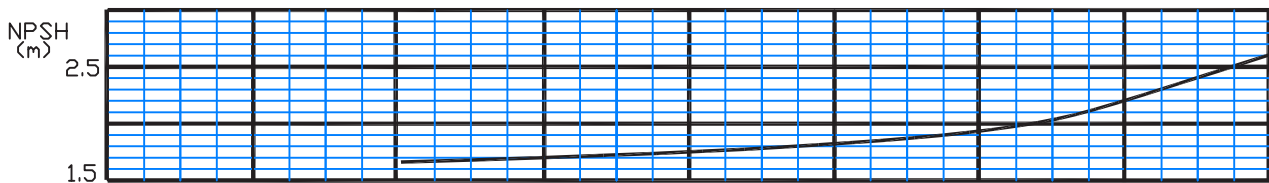
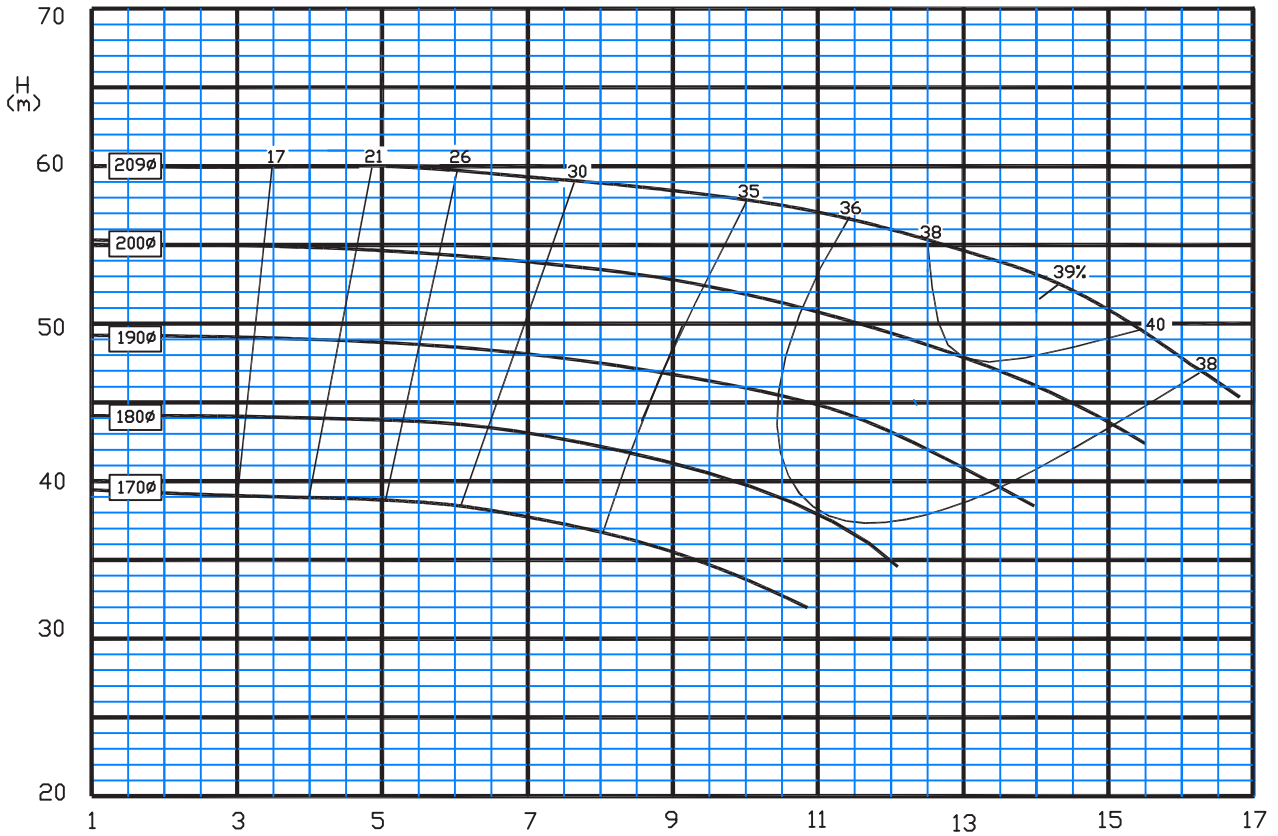
Type: 32-160/C

2900 rpm



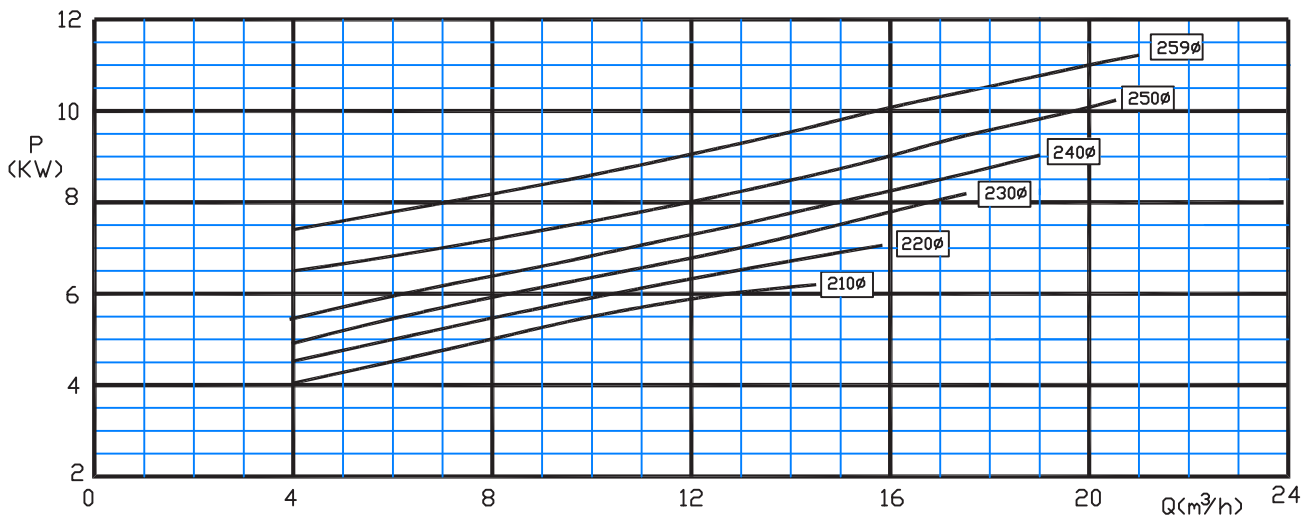
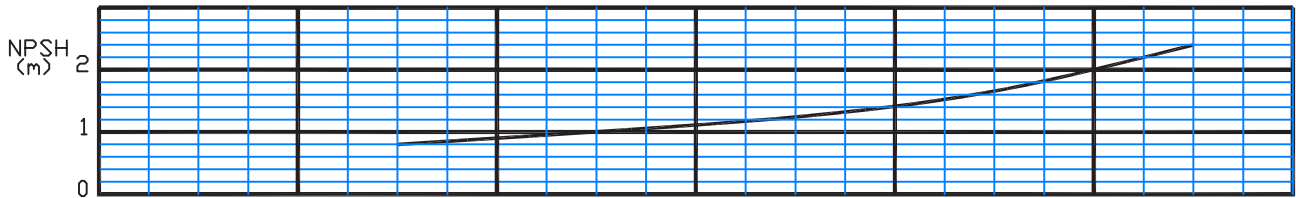
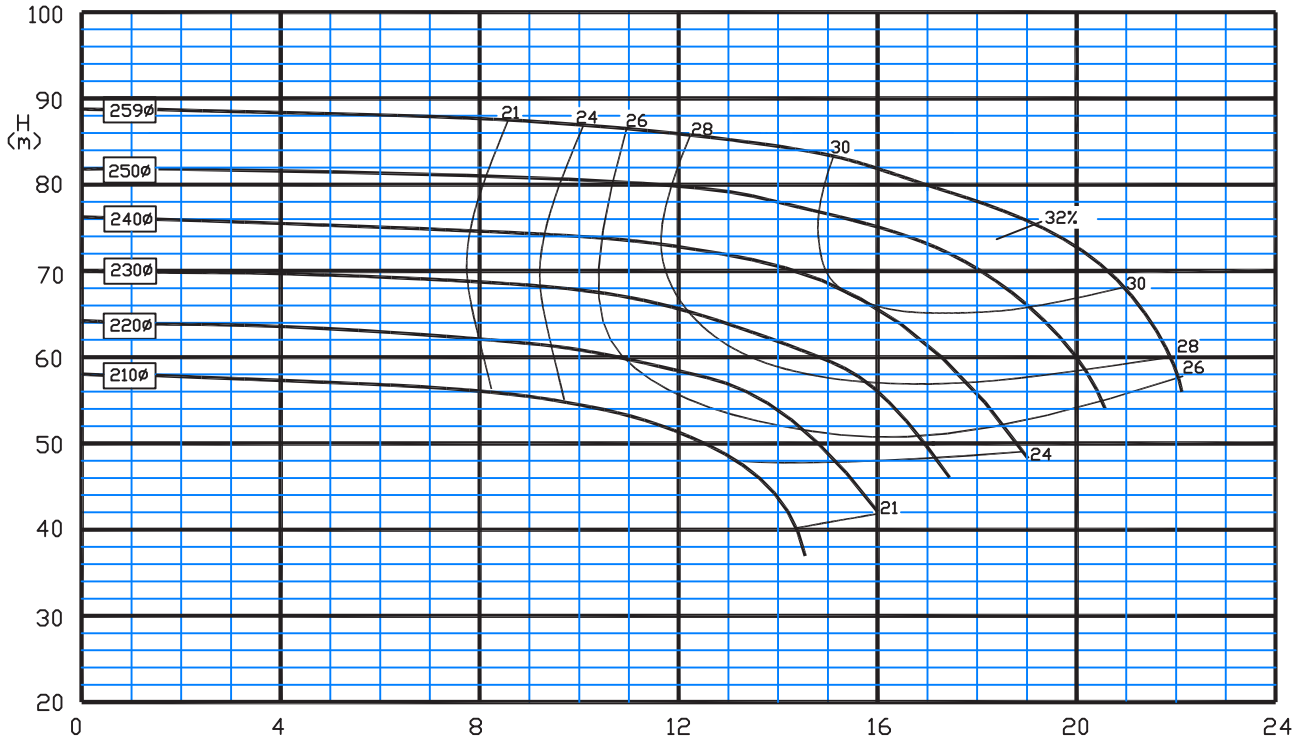
Type: 32-200/C

2900 rpm



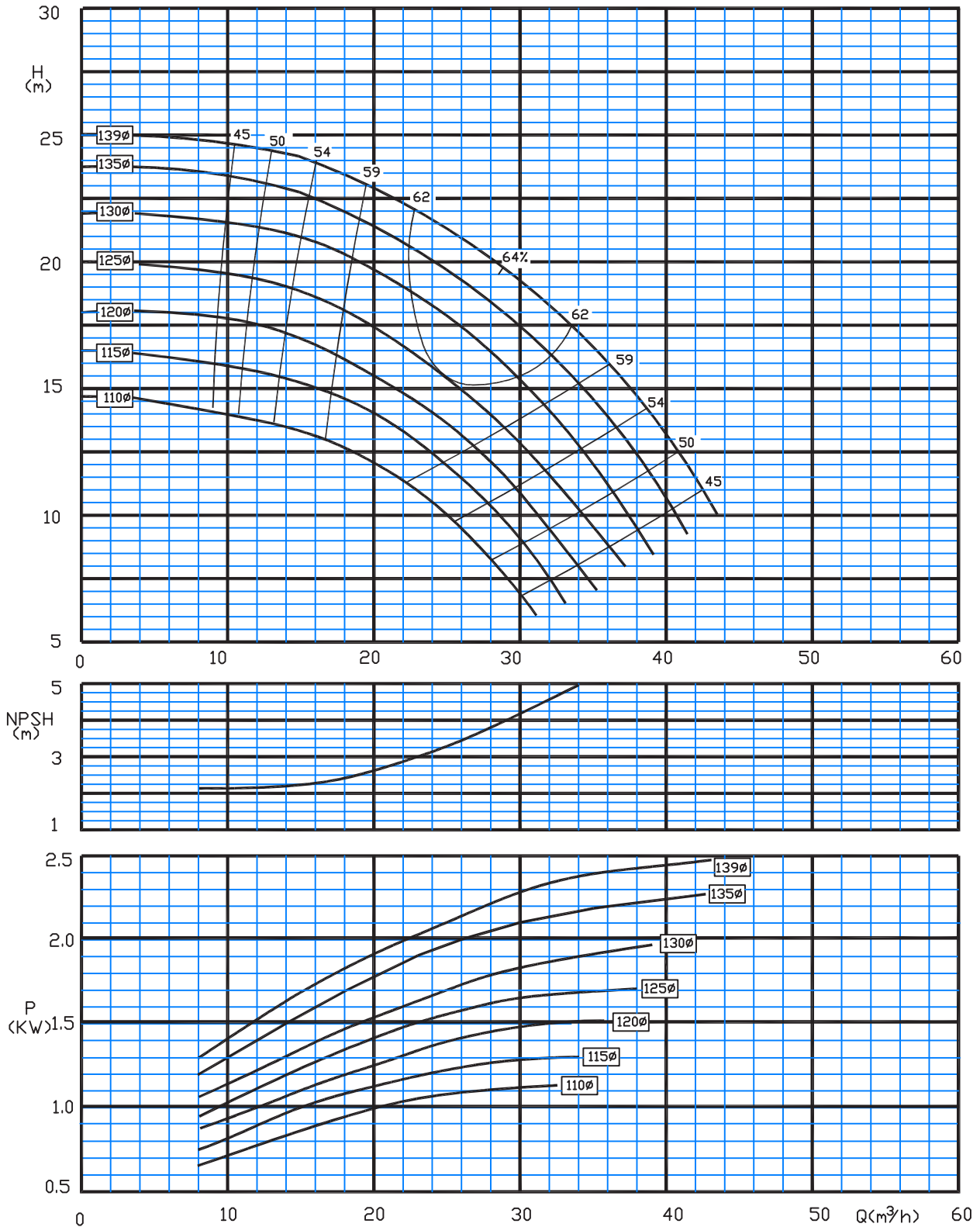
Type: 32-250/C

2900 rpm



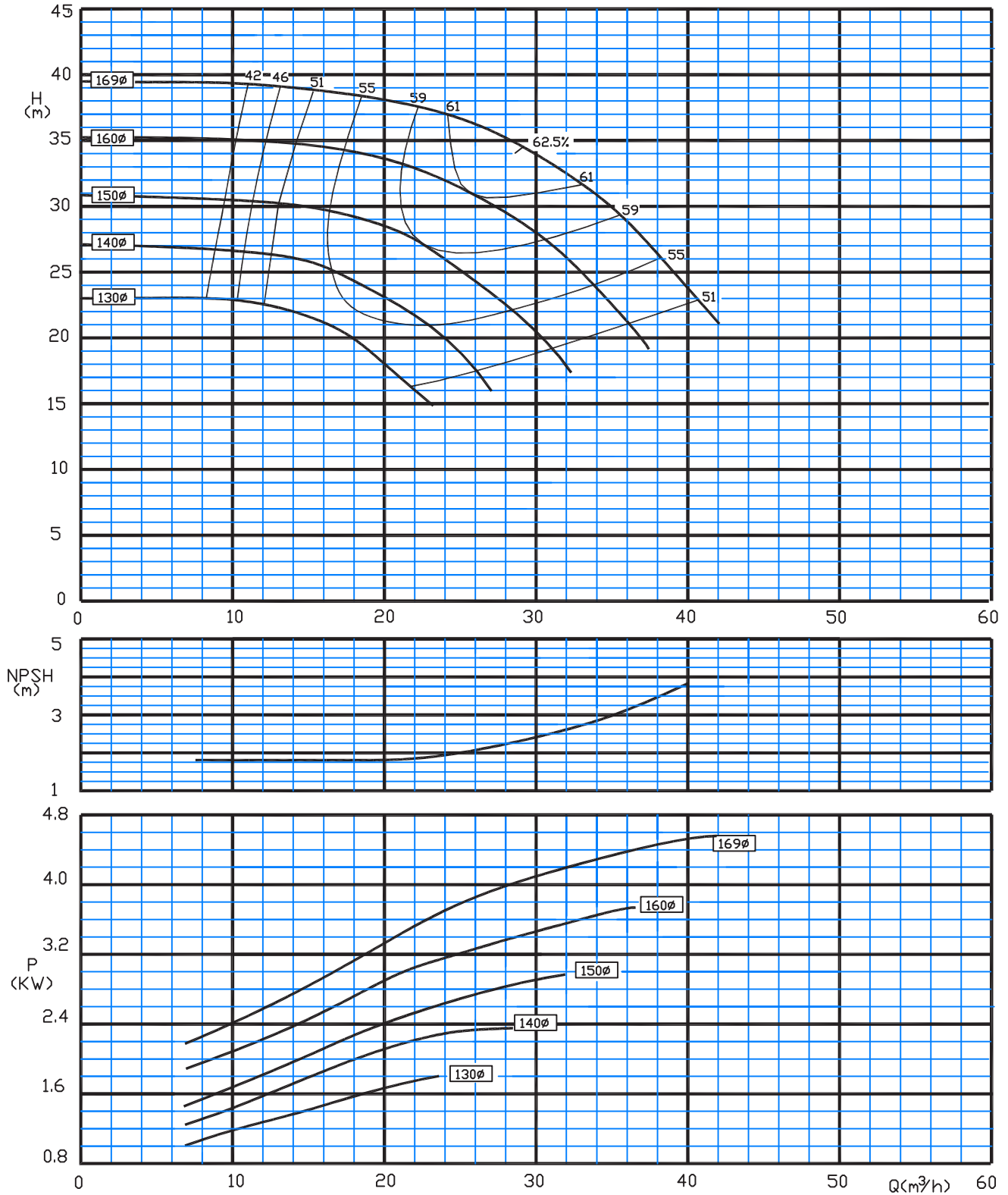
Type: 40-125/C

2900 rpm



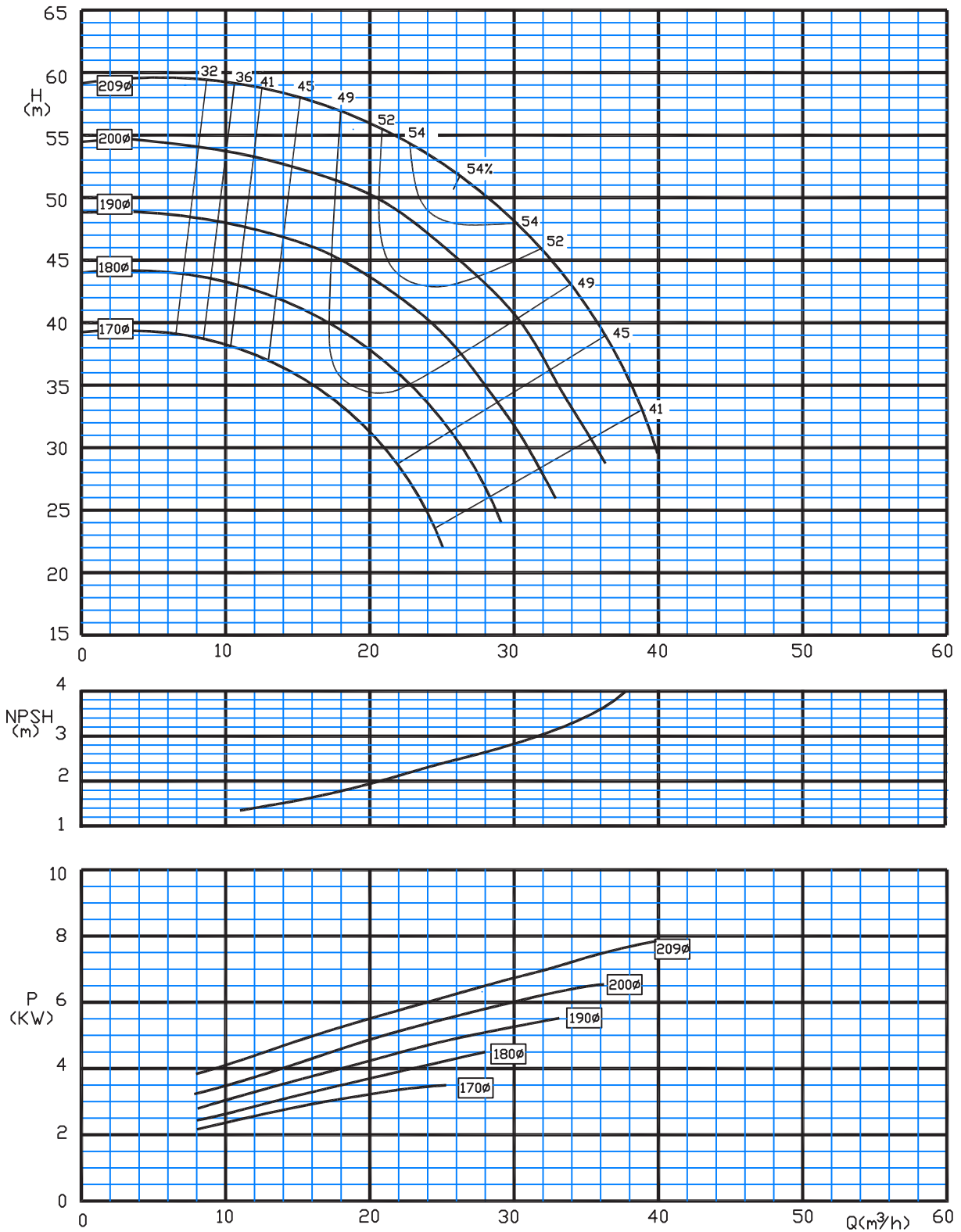
Type: 40-160/C

2900 rpm



Type: 40-200/C

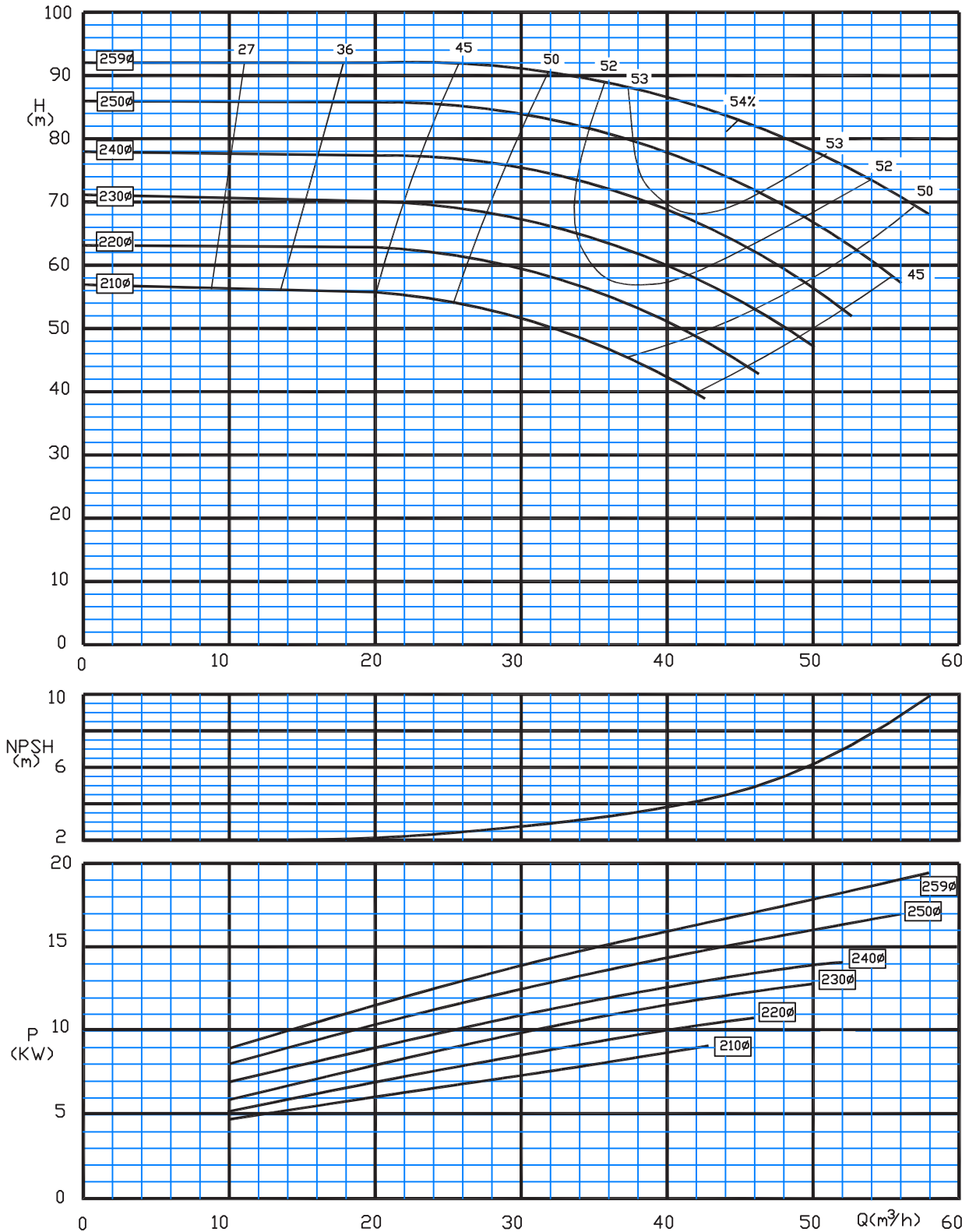
2900 rpm





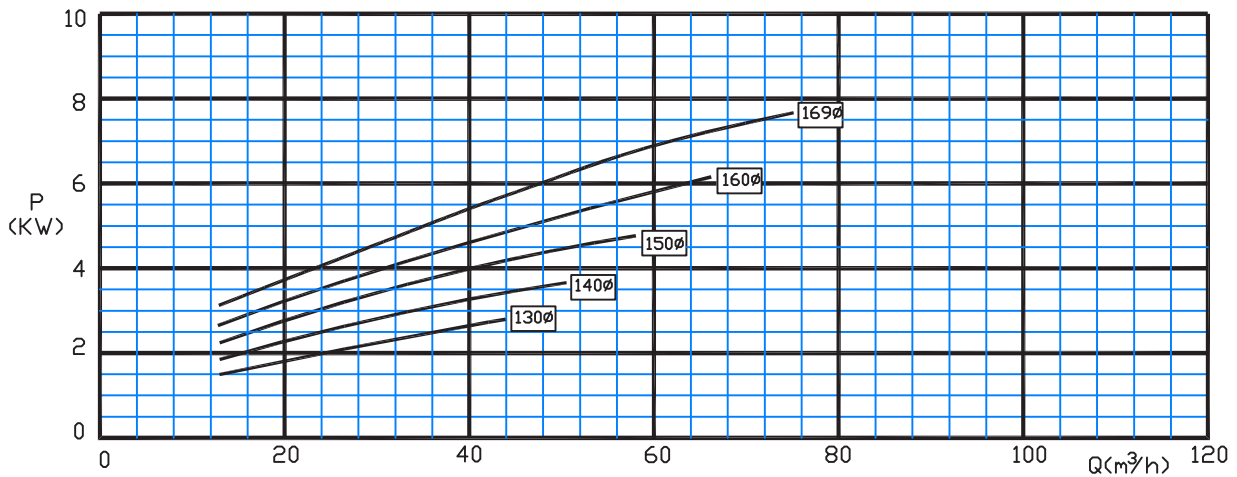
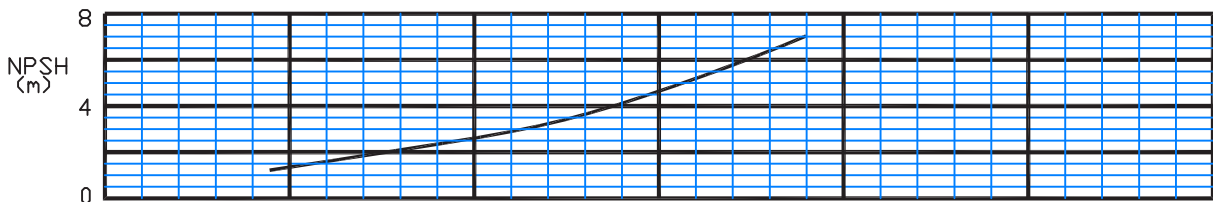
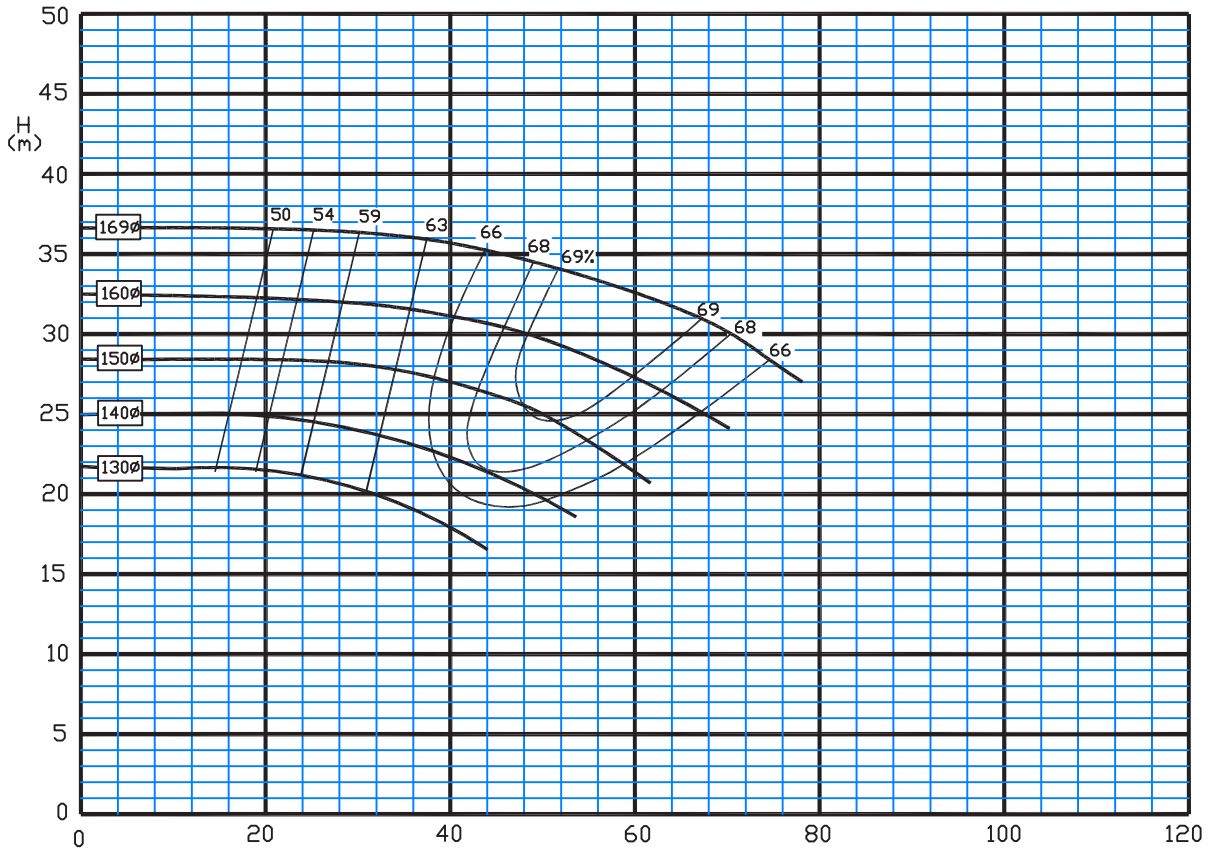
Type: 40-250/C

2900 rpm



Type: 50-160/C

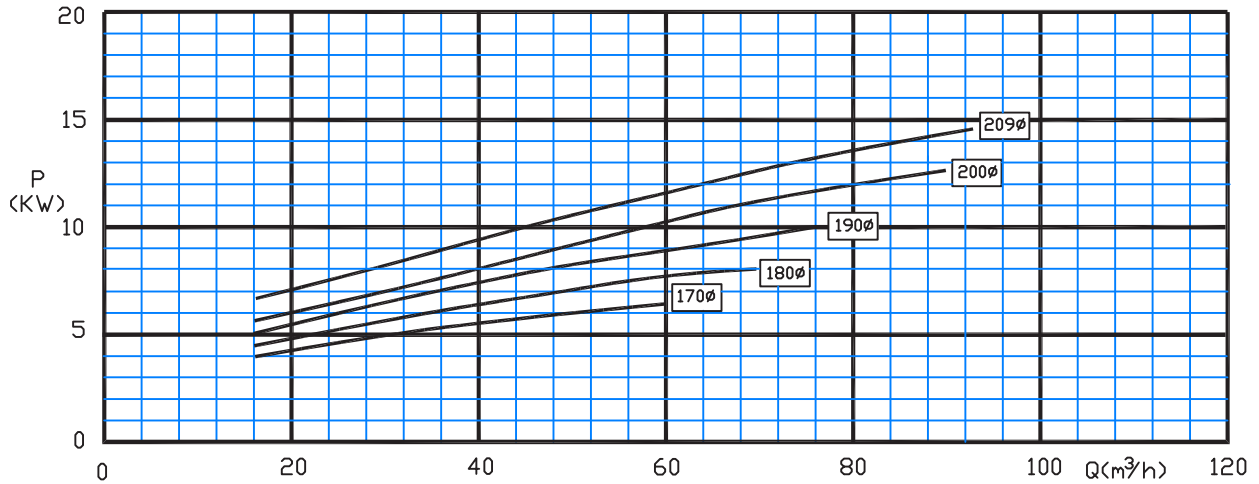
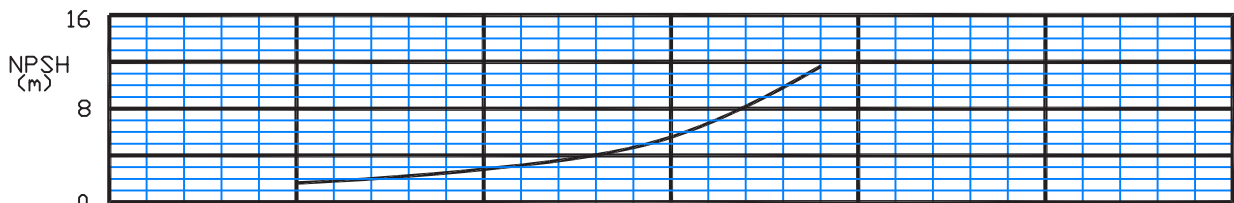
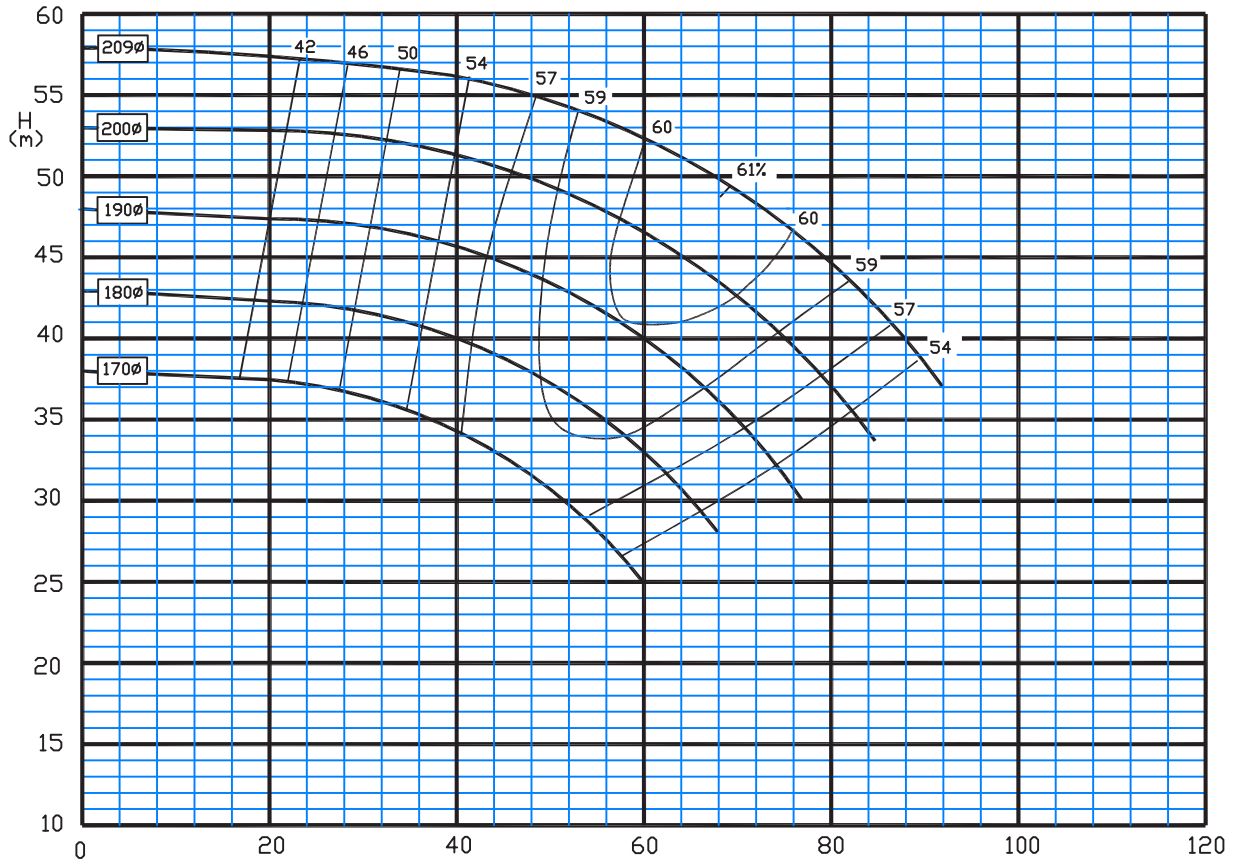
2900 rpm





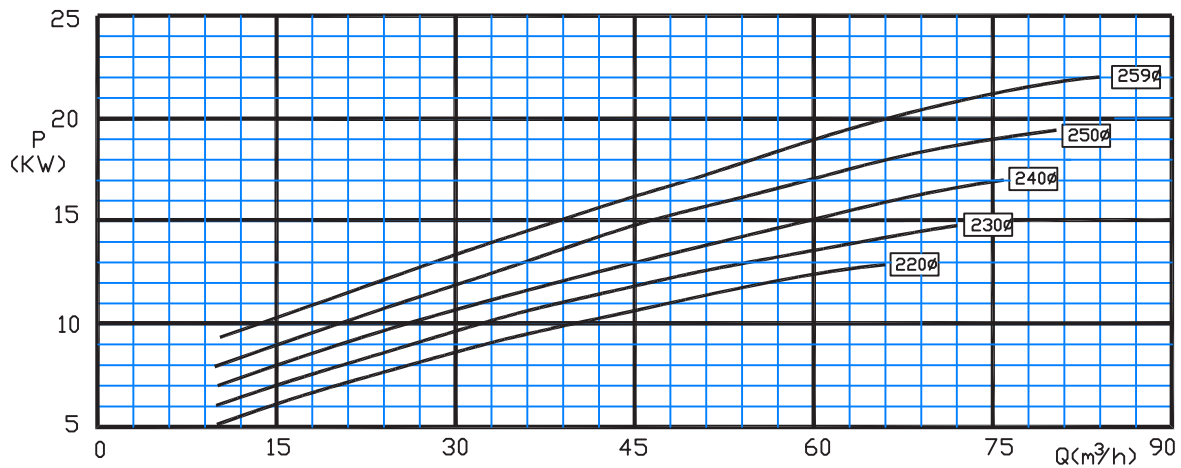
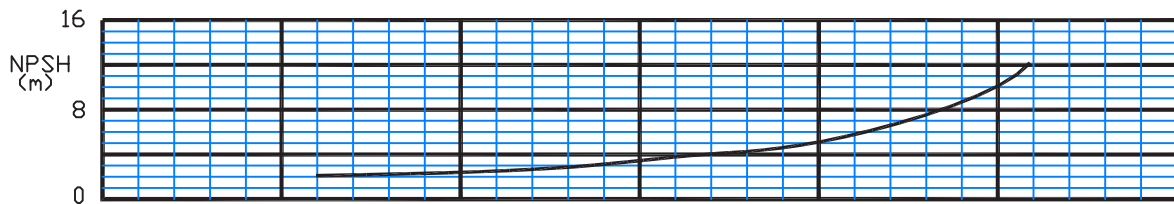
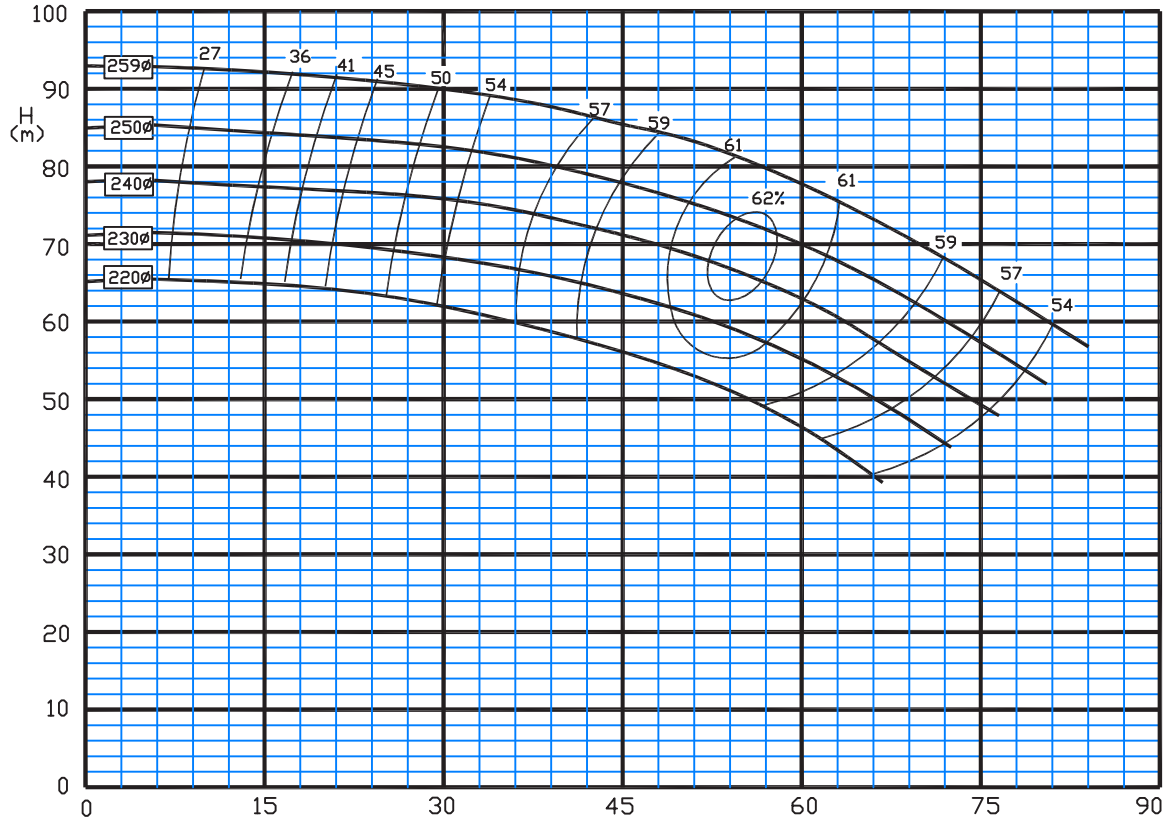
Type: 50-200/C

2900 rpm



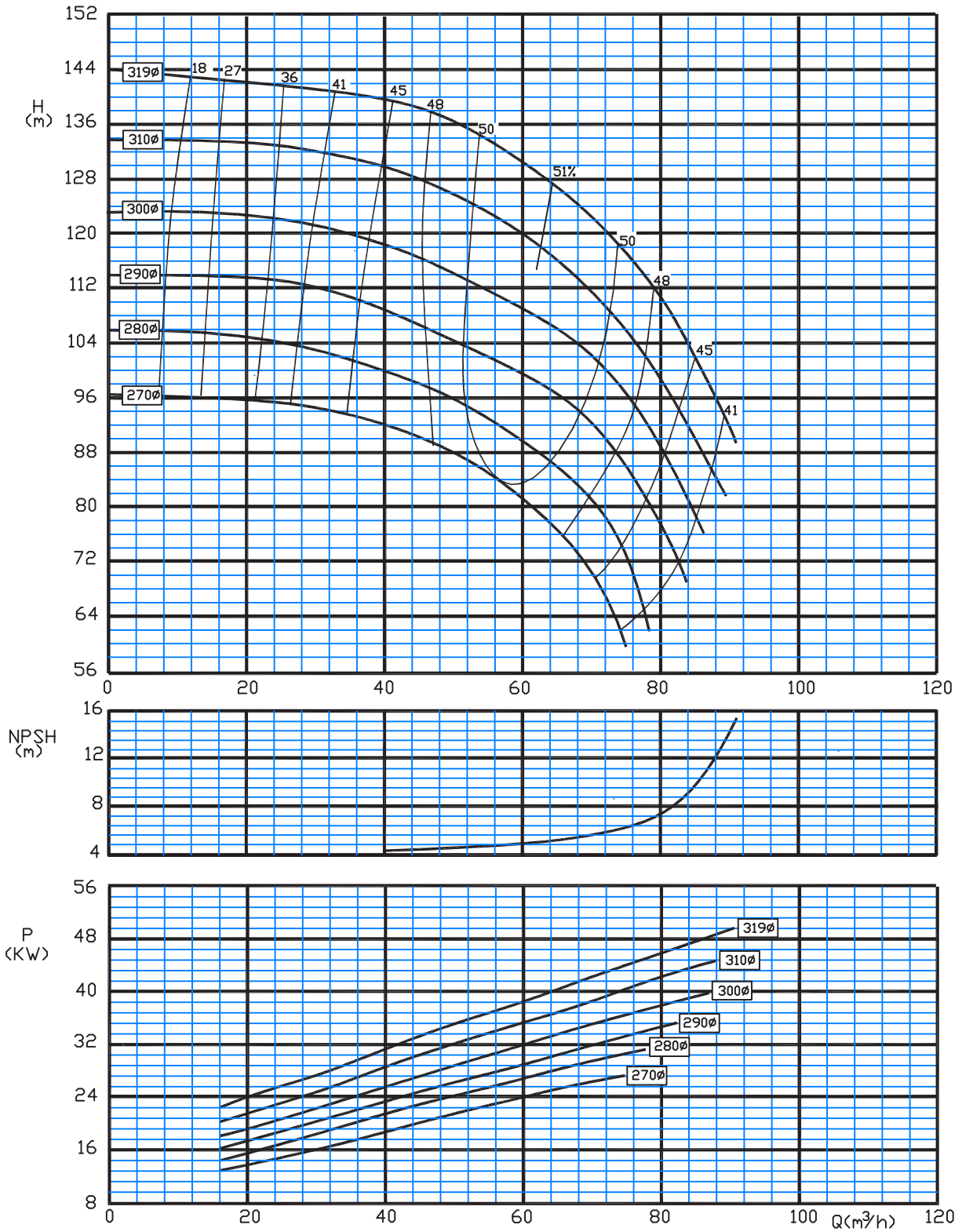
Type: 50-250/C

2900 rpm



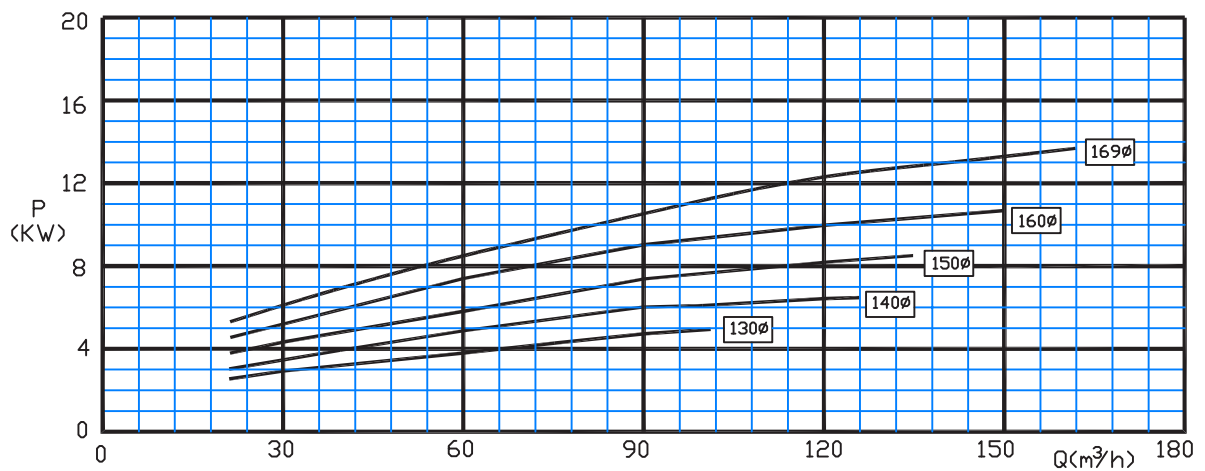
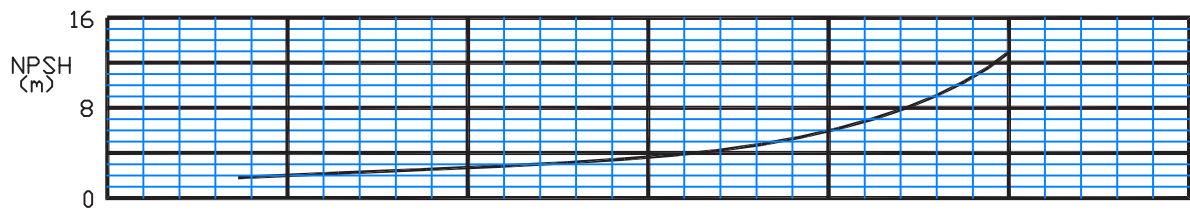
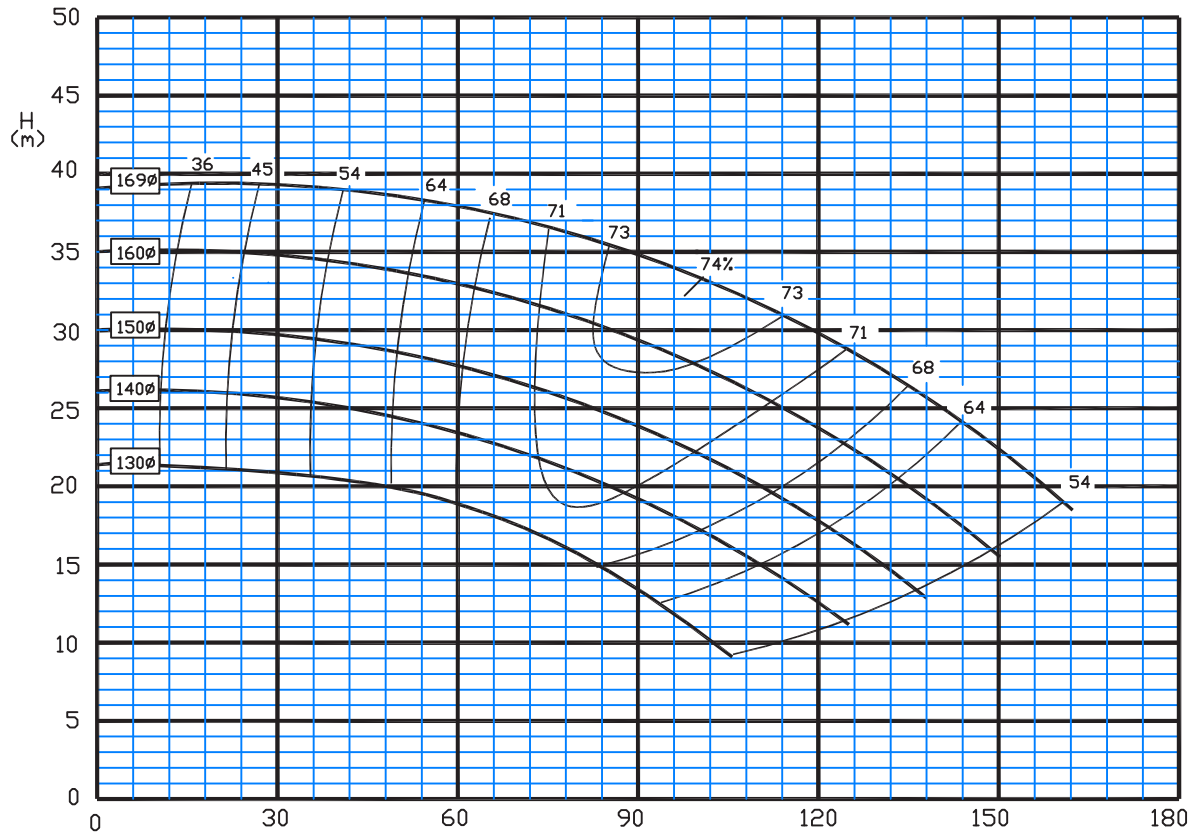
Type: 50-315/C

2900 rpm



Type: 65-160/C

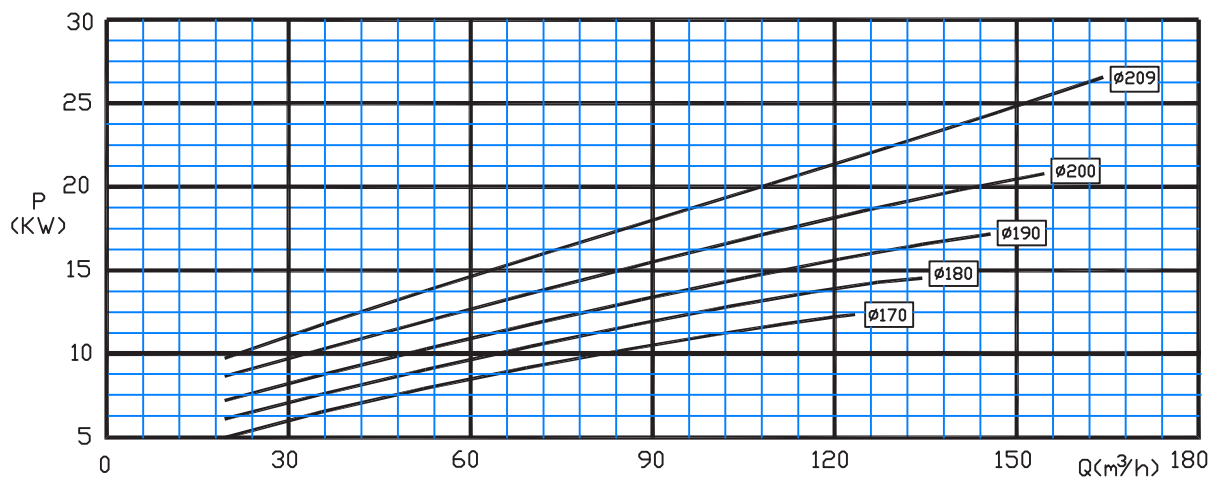
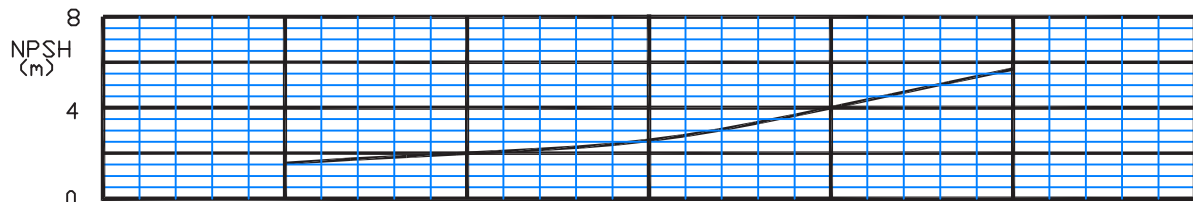
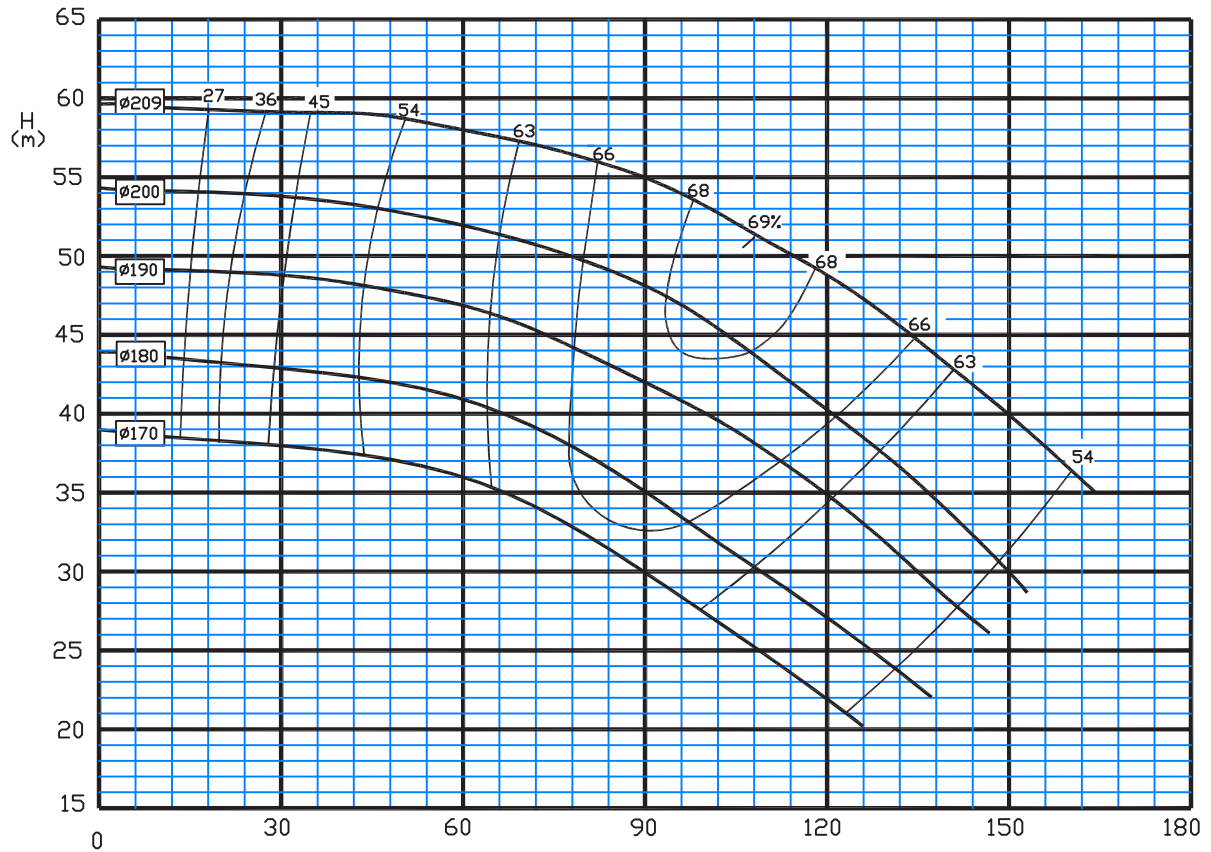
2900 rpm





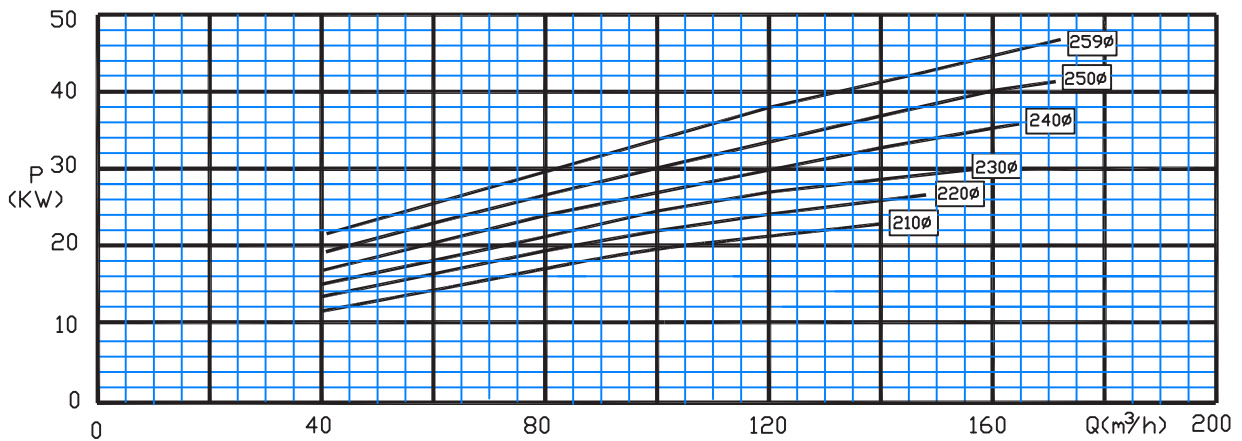
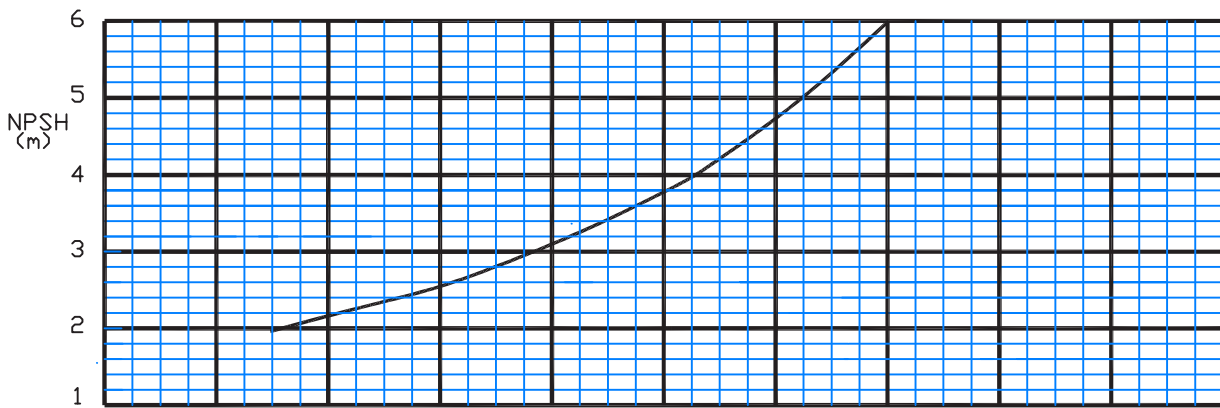
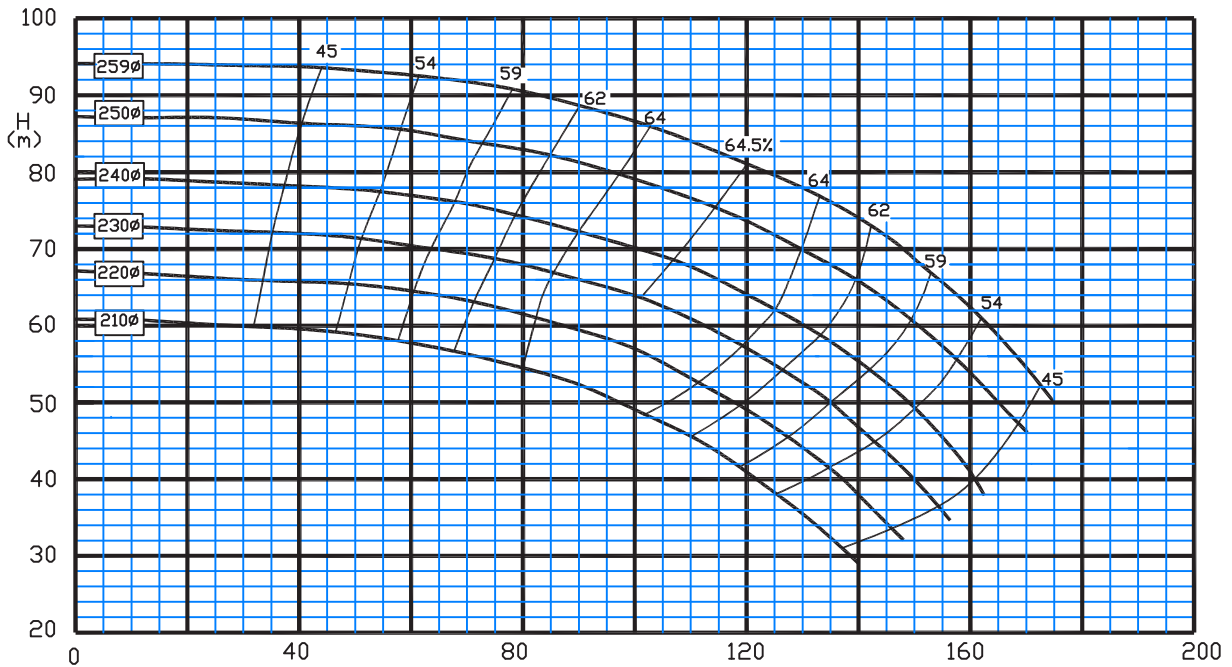
Type: 65-200/C

2900 rpm



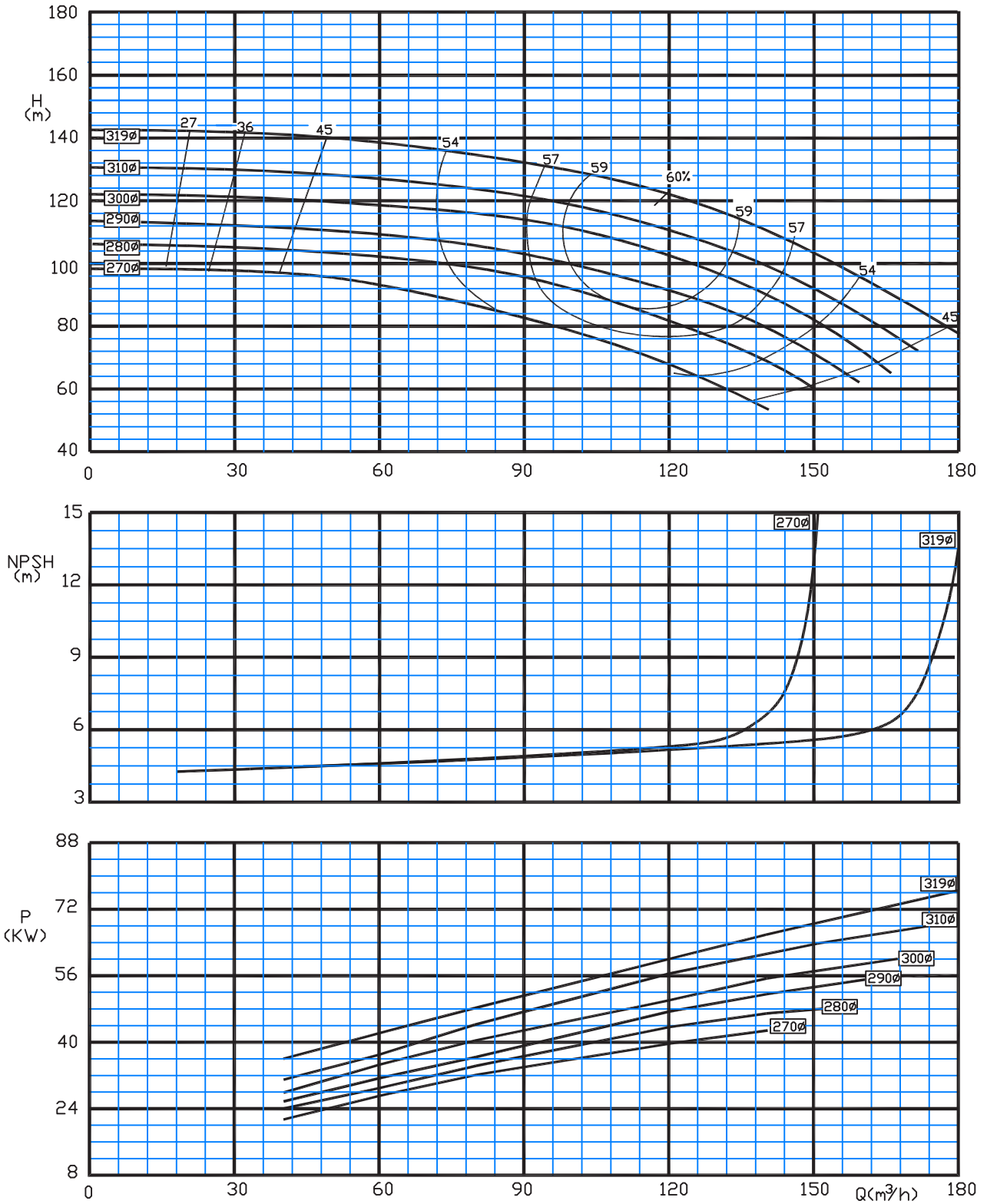
Type: 65-250/C

2900 rpm



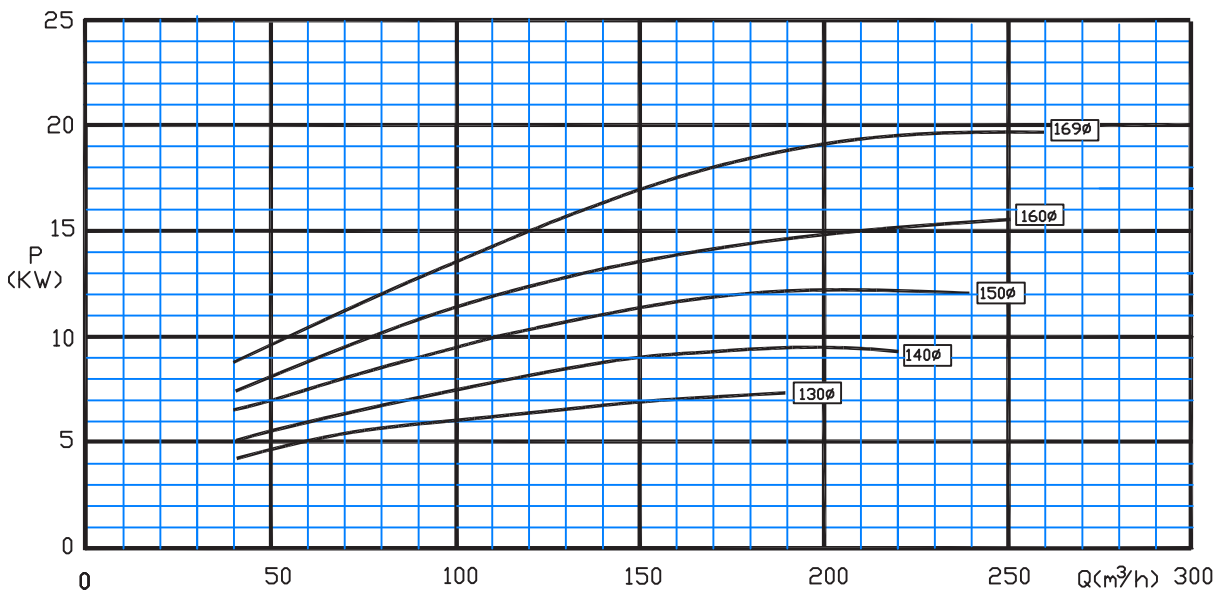
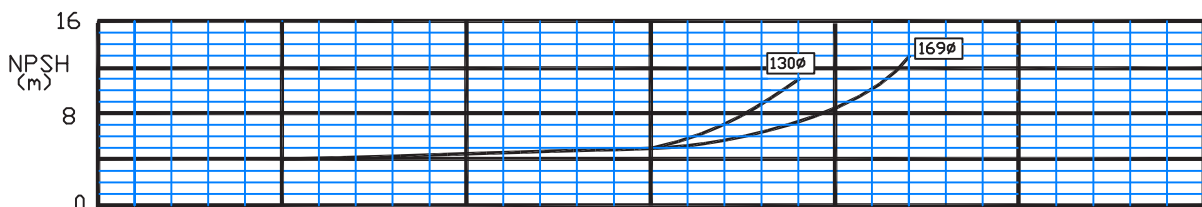
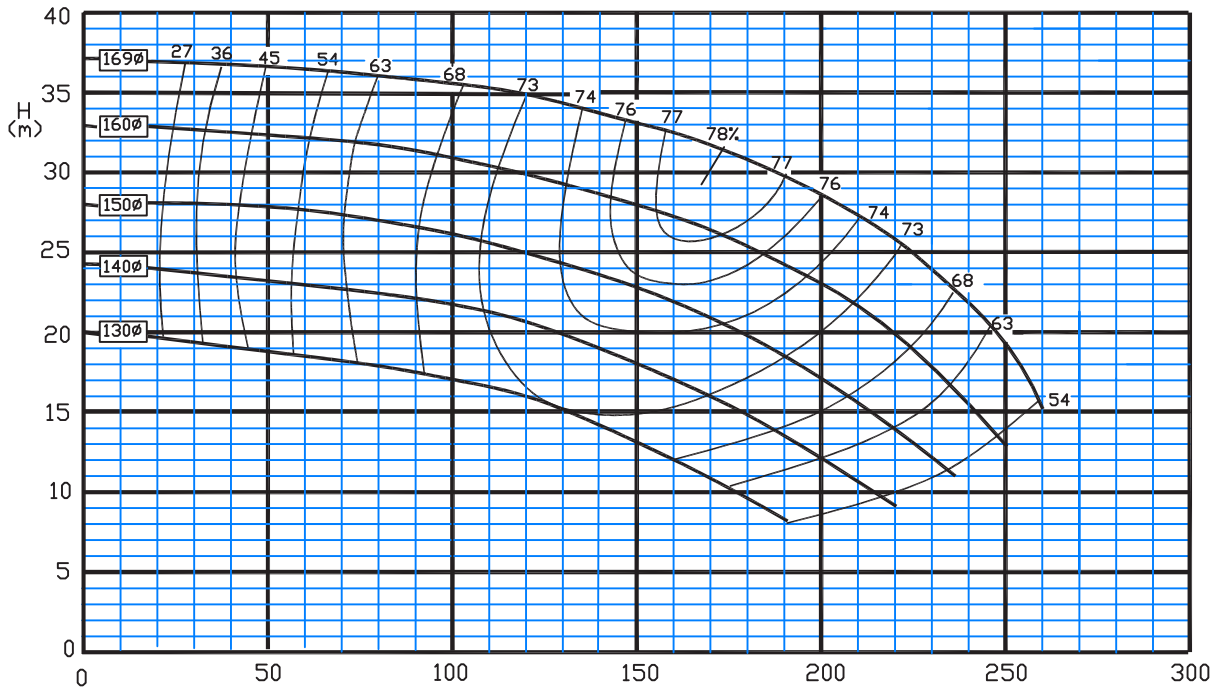
Type: 65-315/C

2900 rpm



Type: 80-160/C

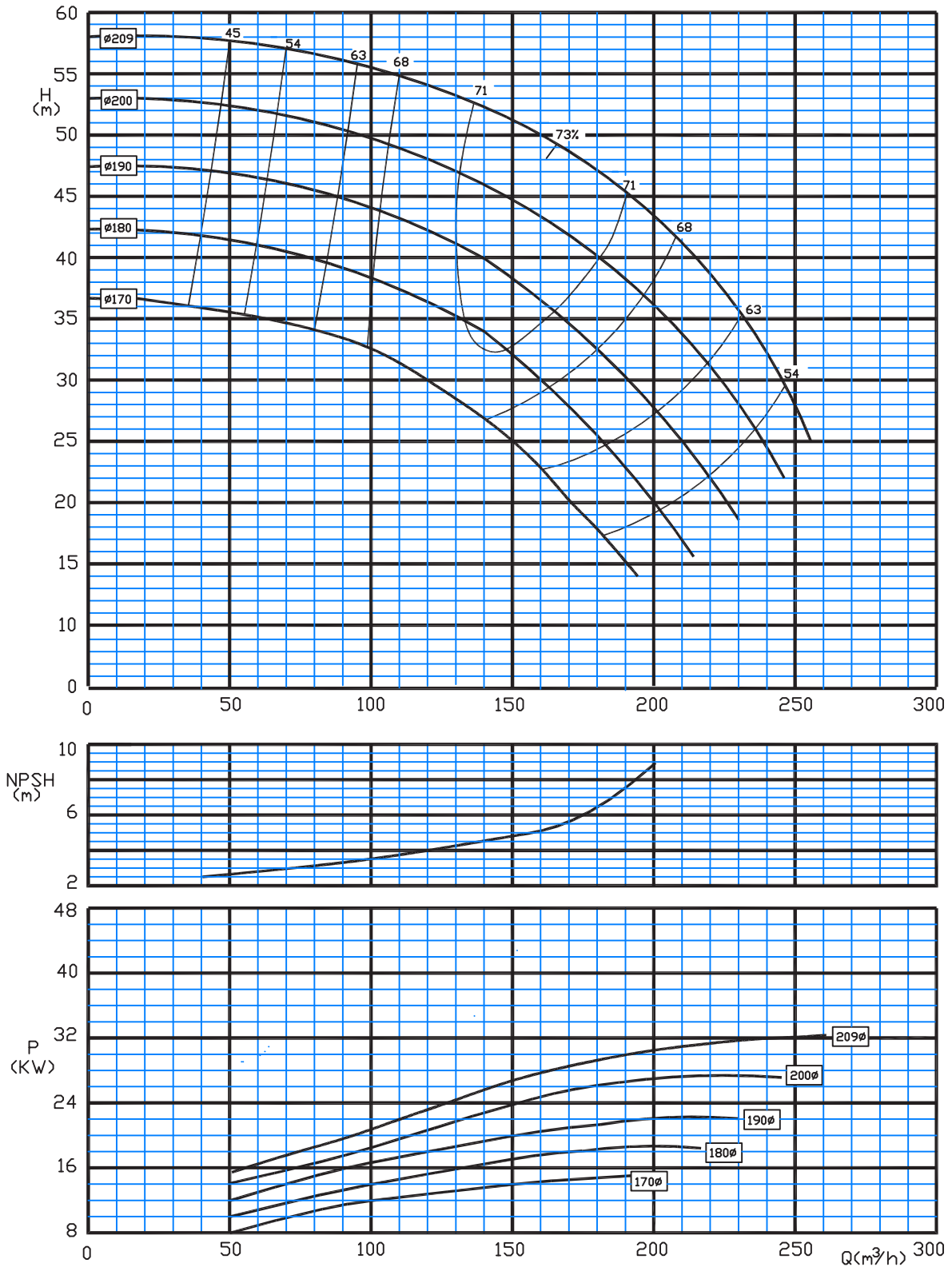
2900 rpm





Type: 80-200/C

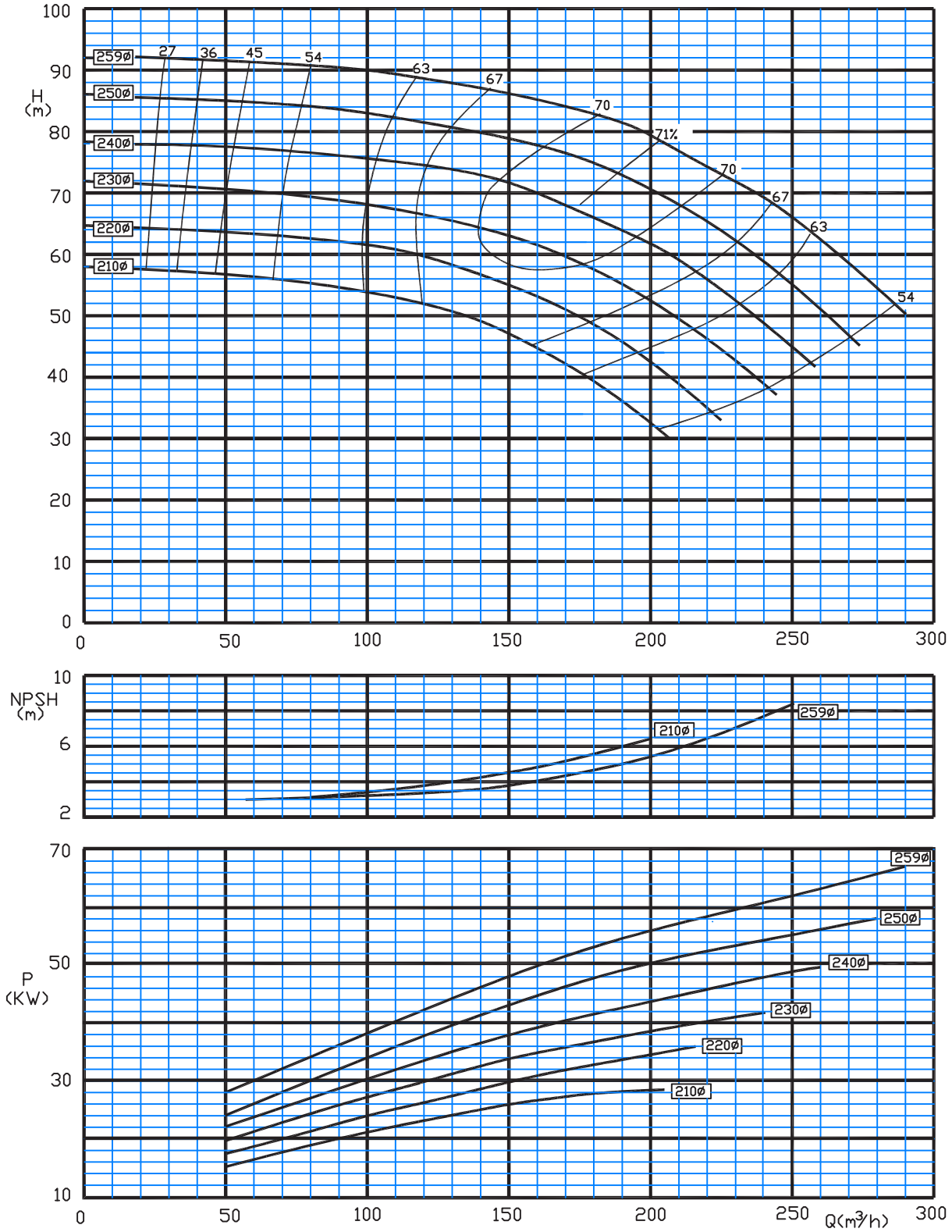
2900 rpm





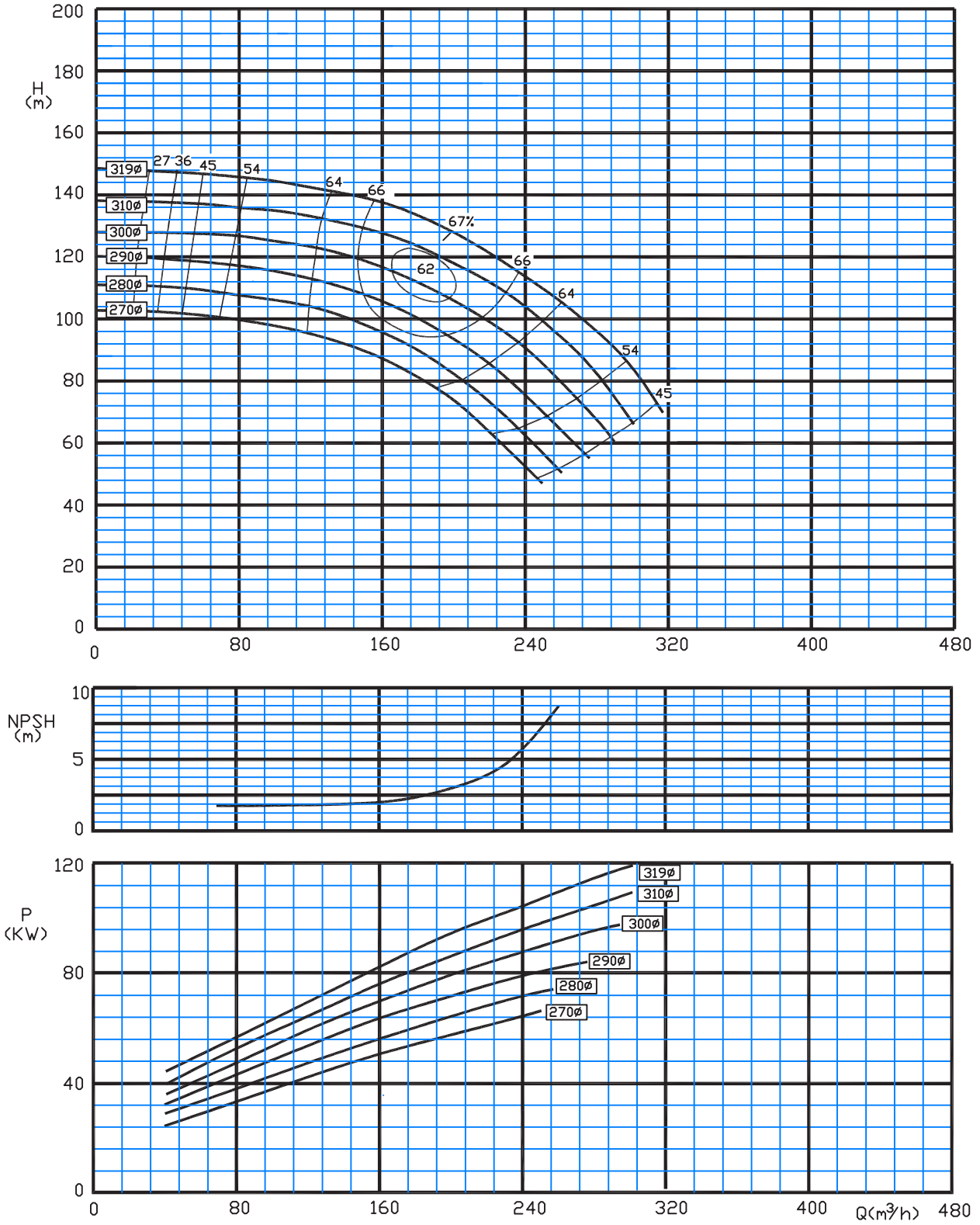
Type: 80-250/C

2900 rpm



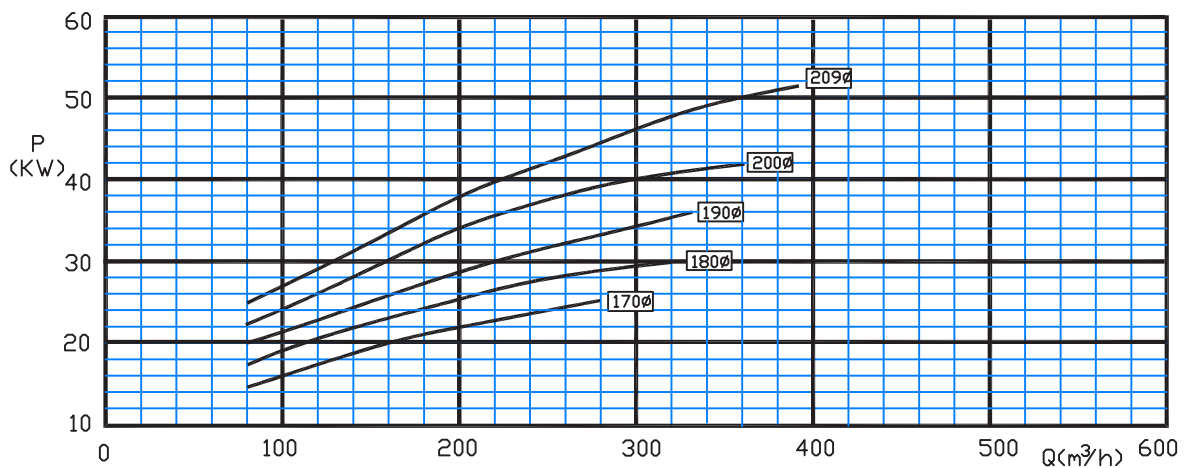
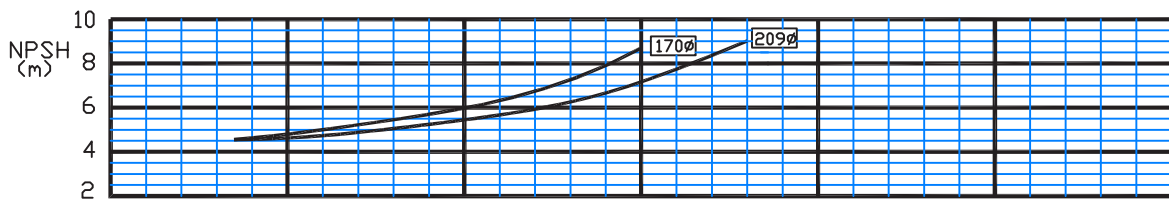
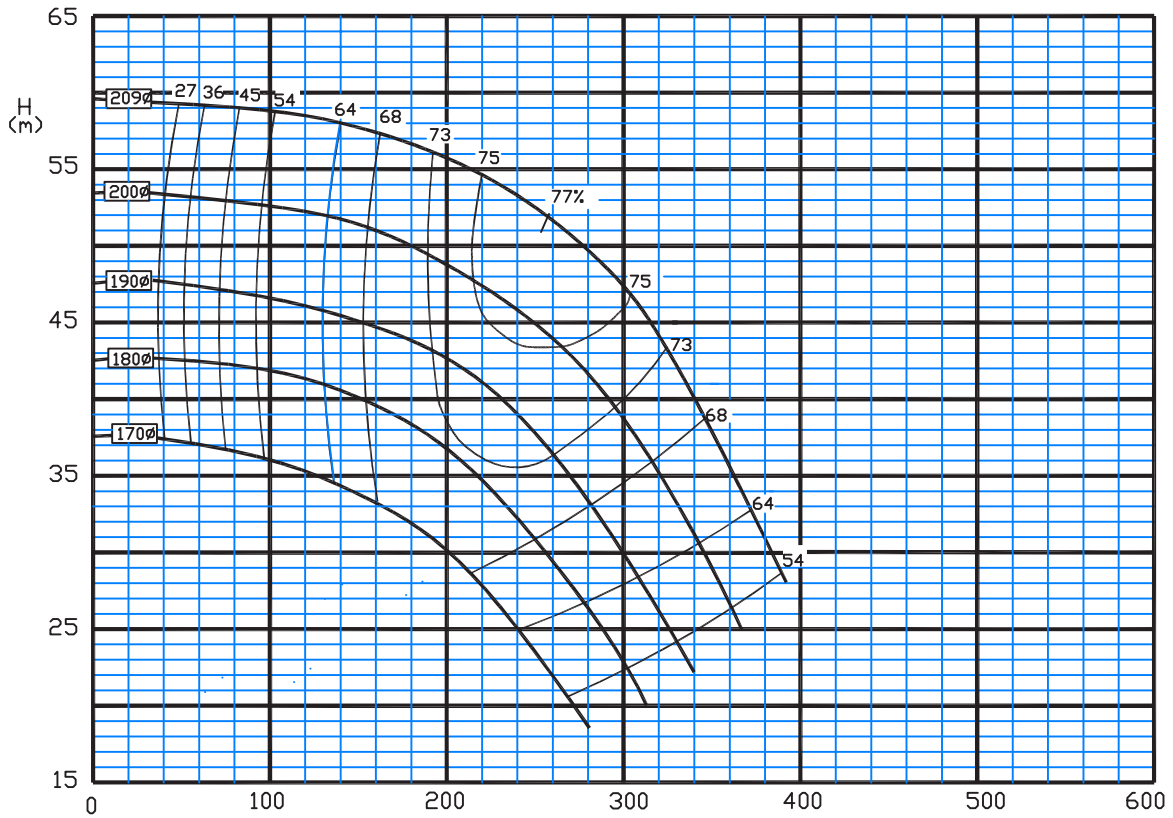
Type: 80-315/C

2900 rpm



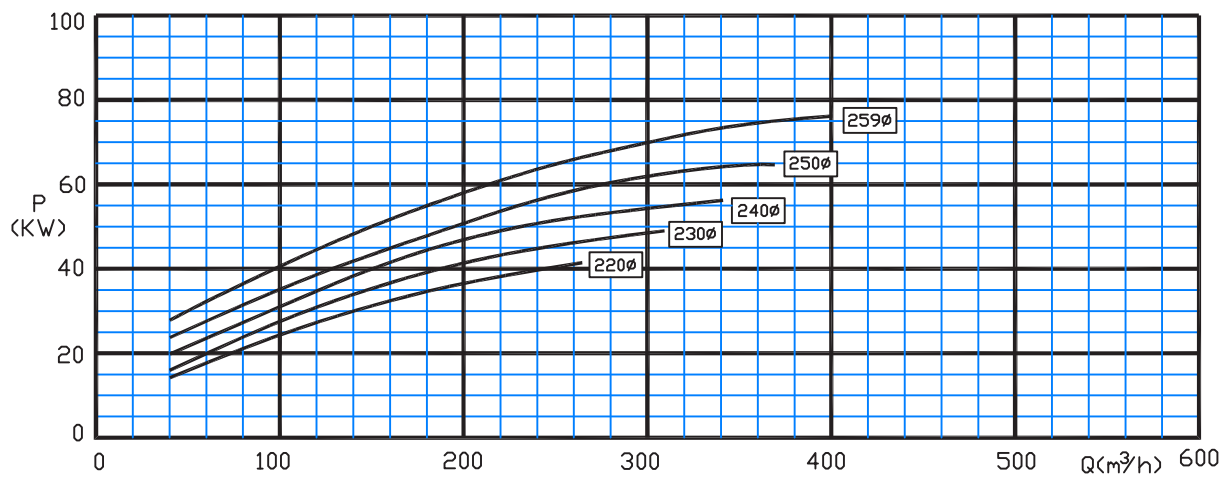
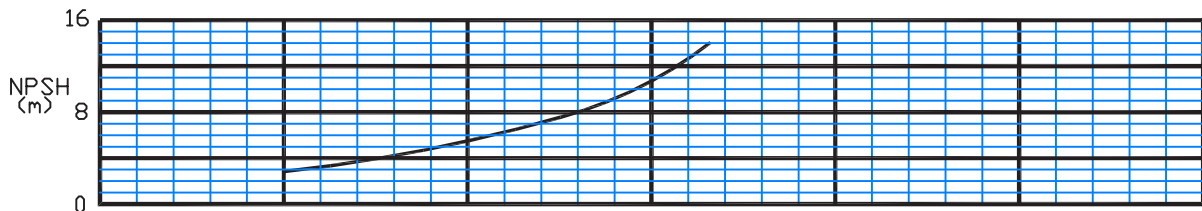
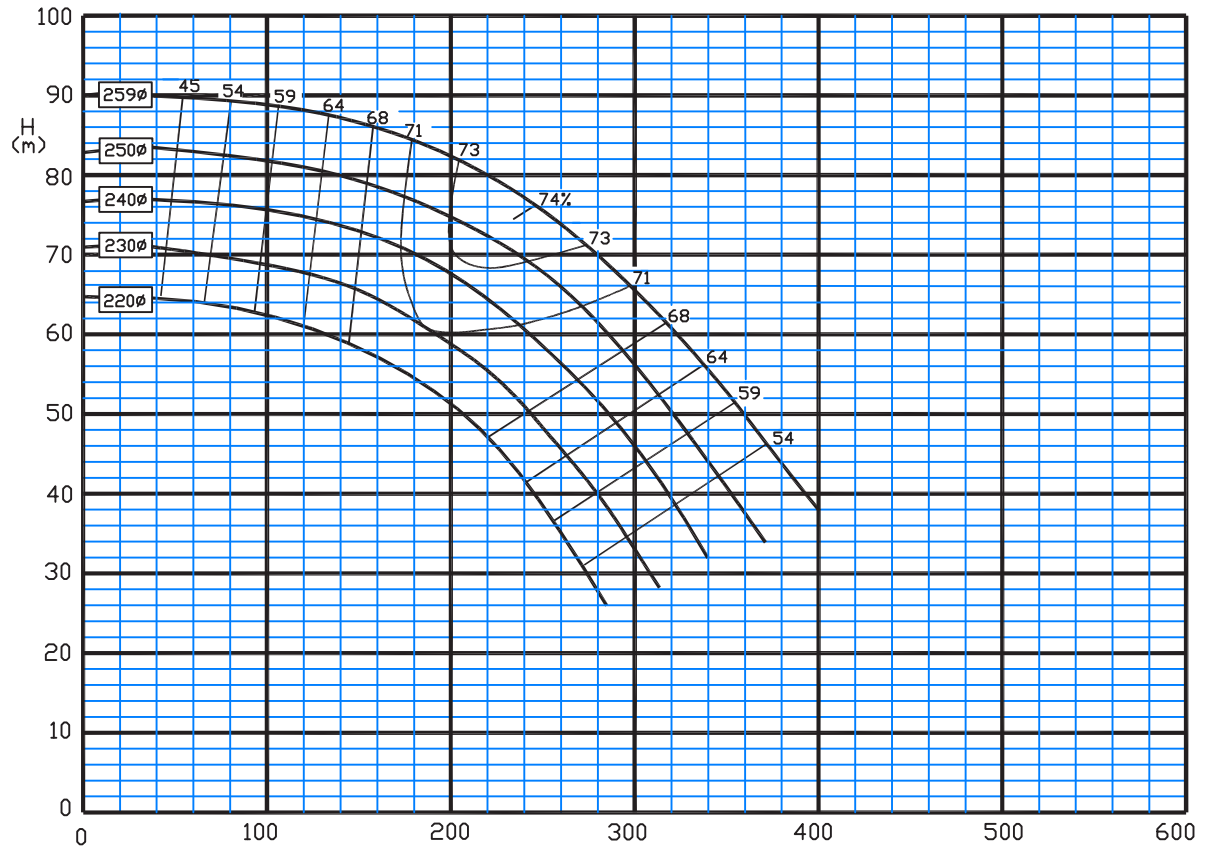
Type: 100-200/C

2900 rpm



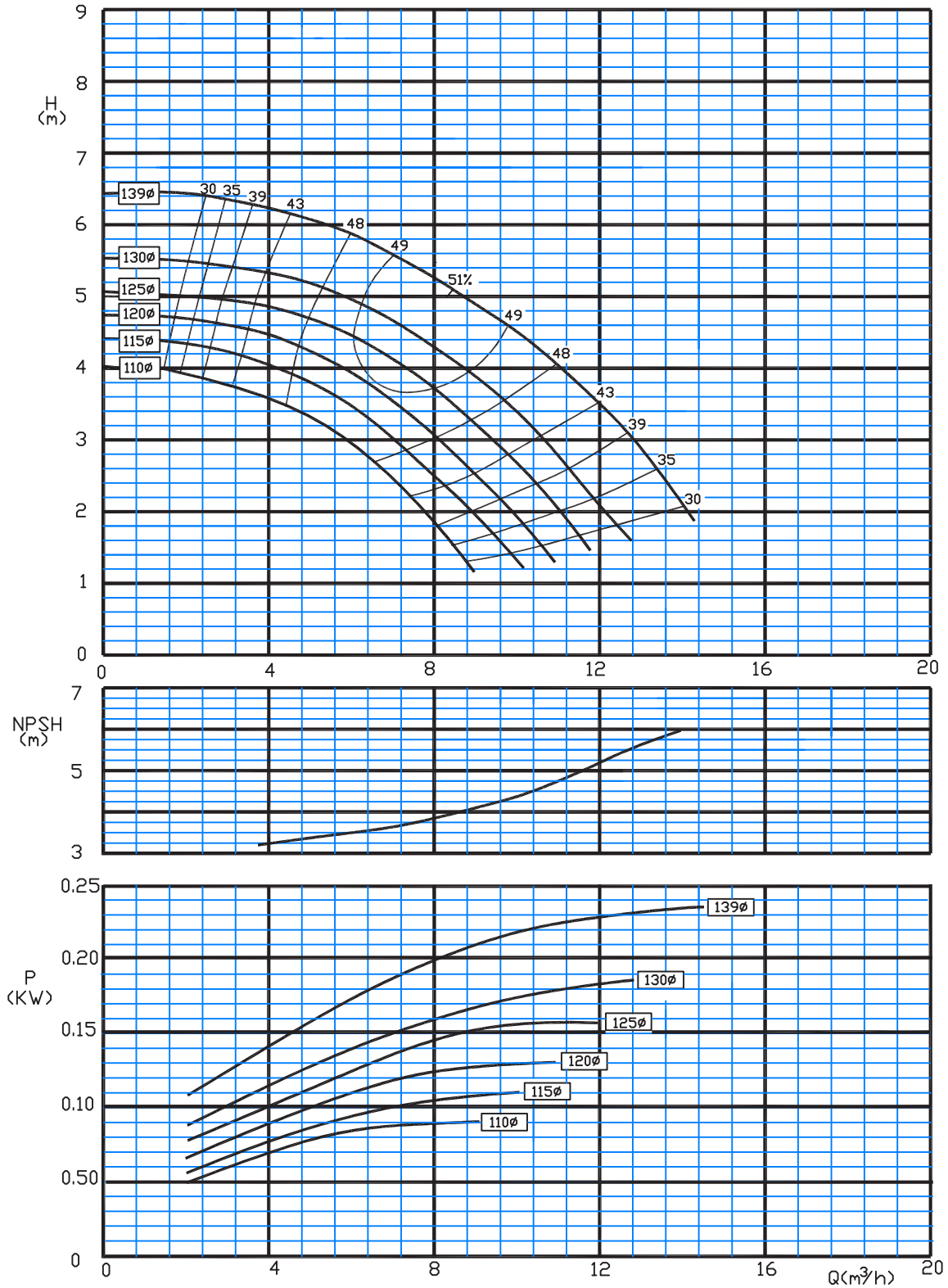
Type: 100-250/C

2900 rpm



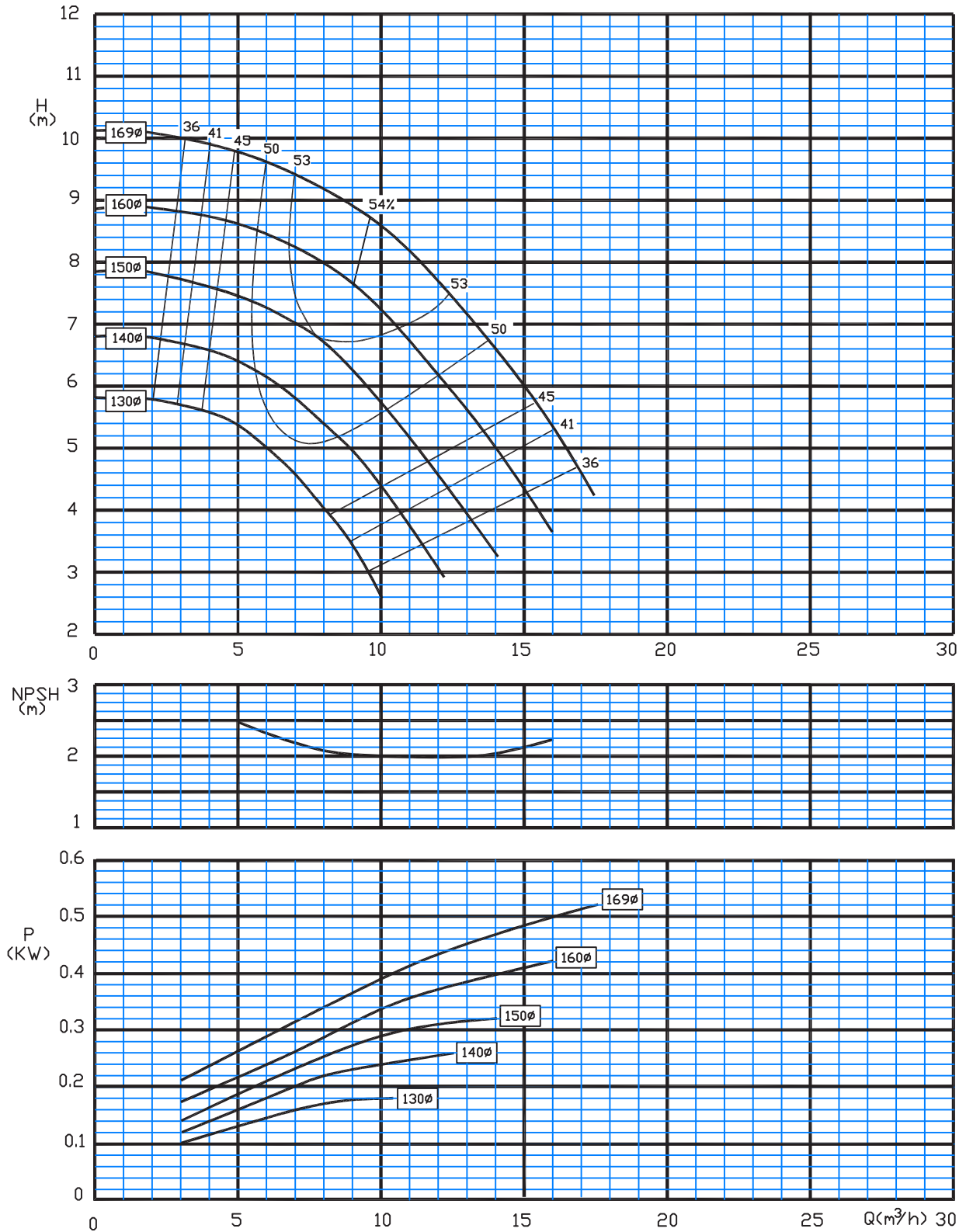
Type: 32-125/C

1450 rpm



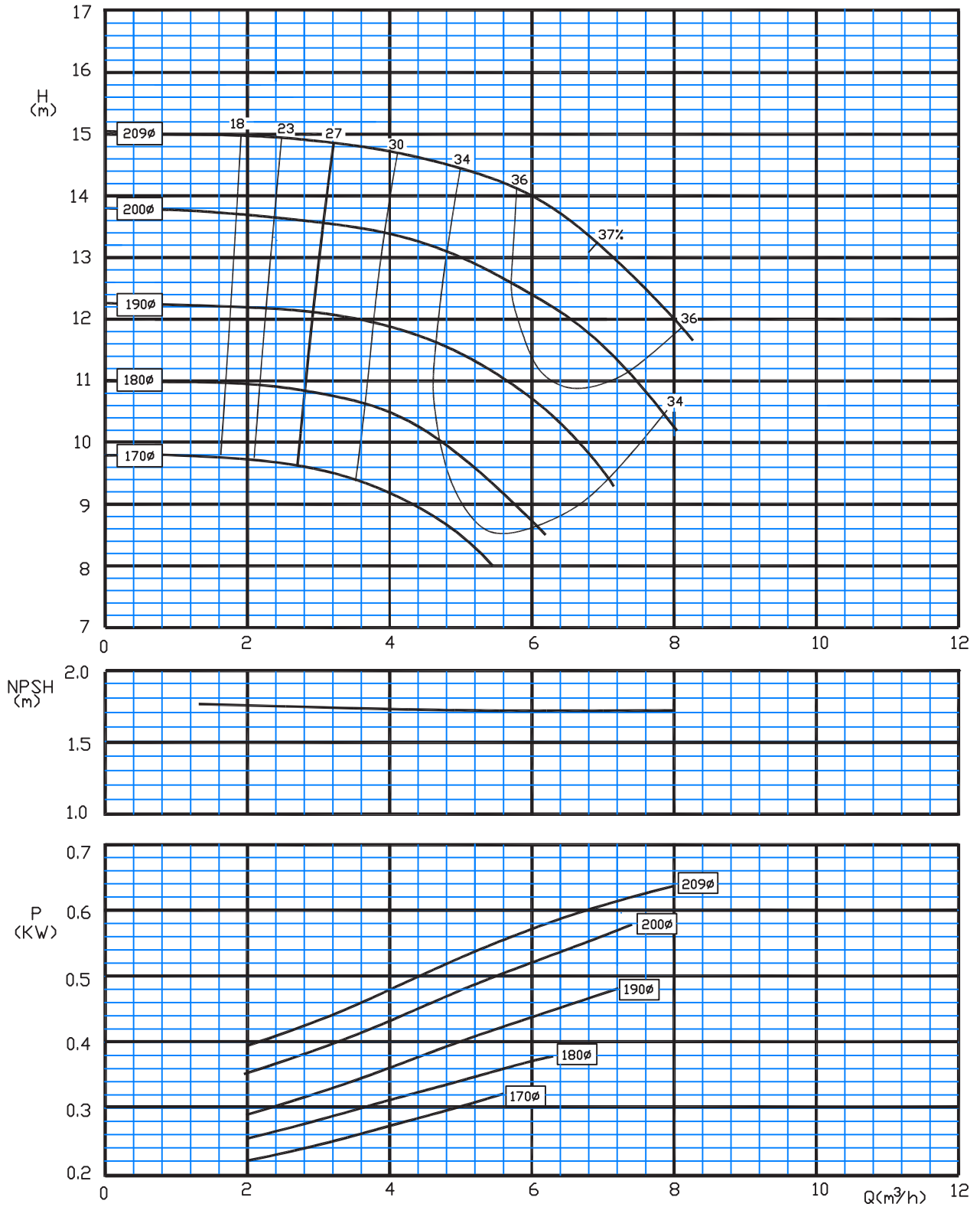
Type: 32-160/C

1450 rpm



Type: 32-200/C

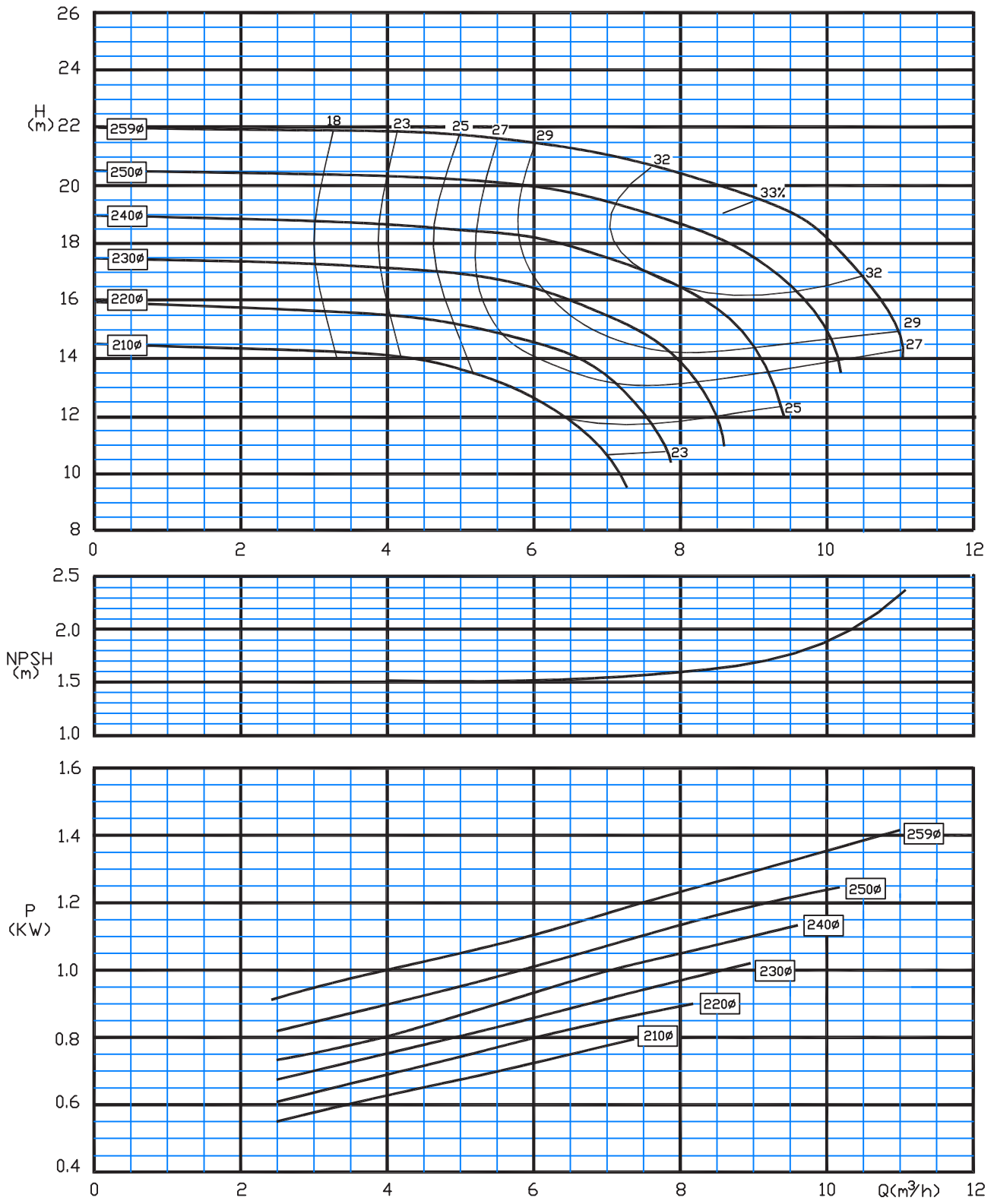
1450 rpm





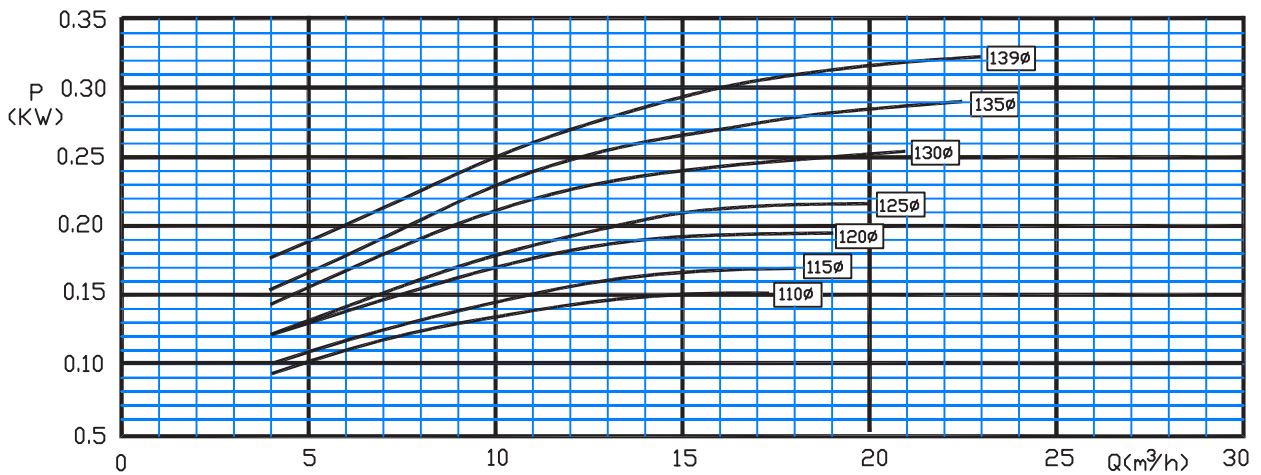
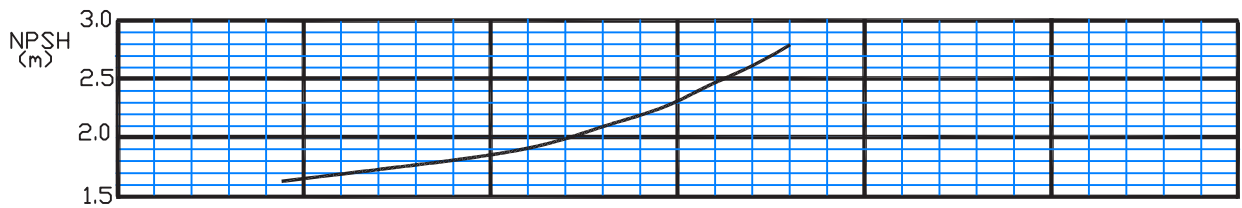
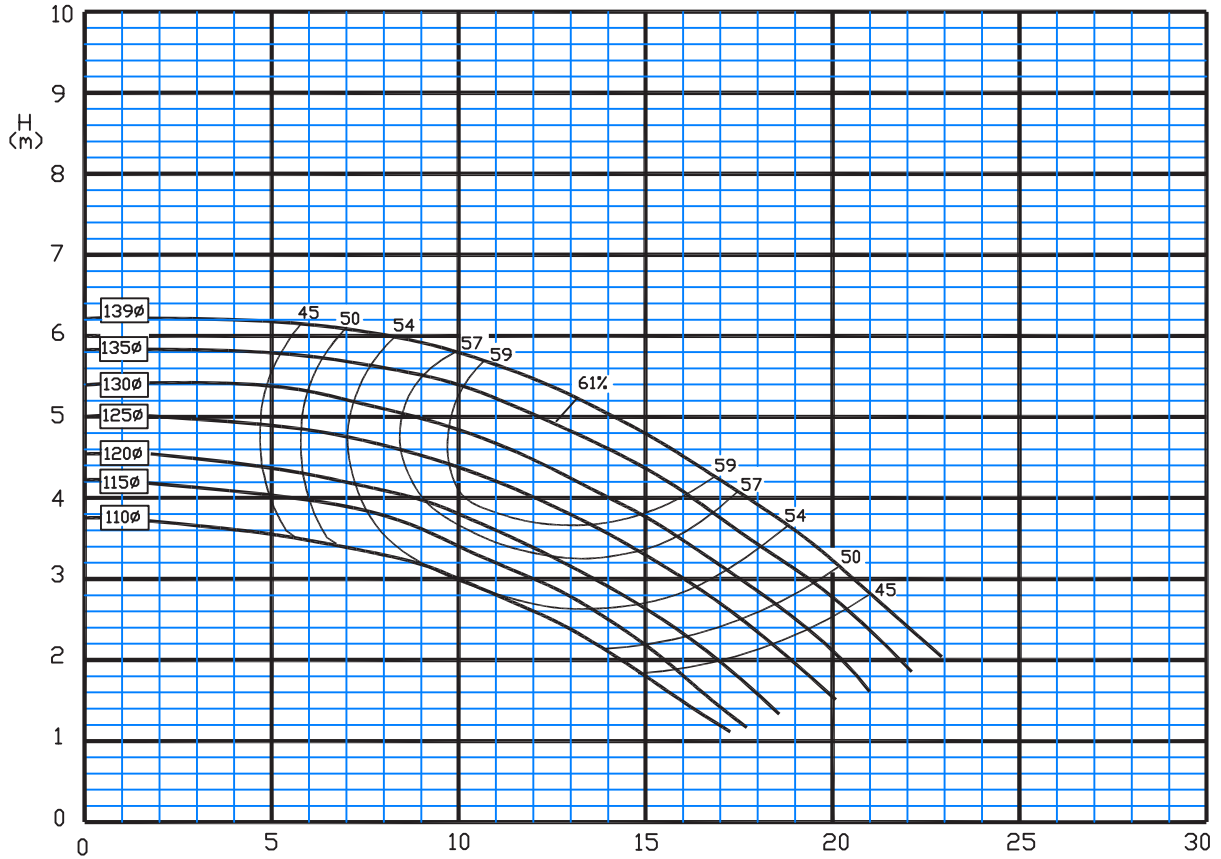
Type: 32-250/C

1450 rpm



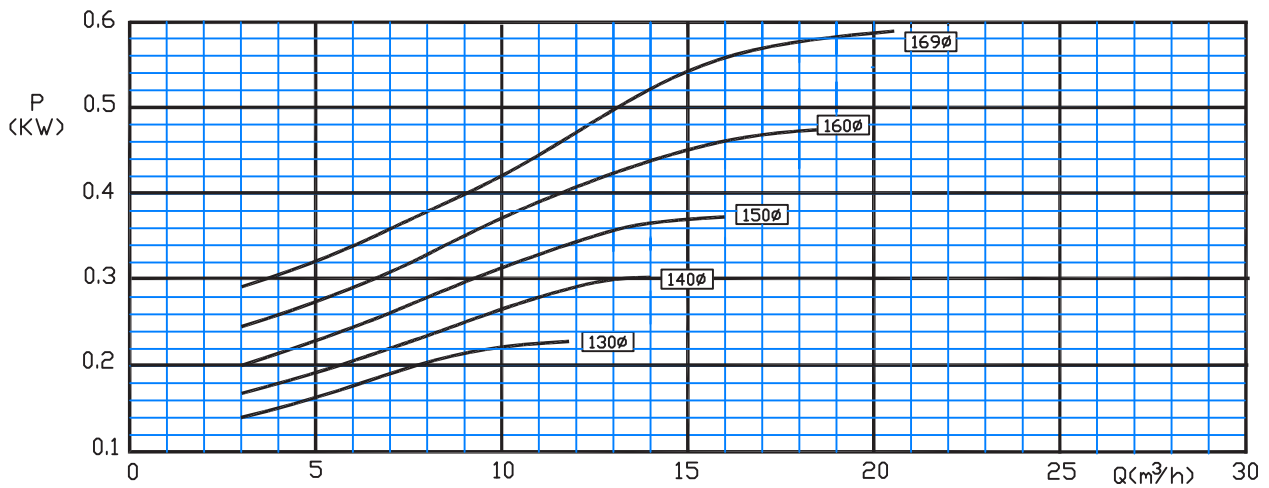
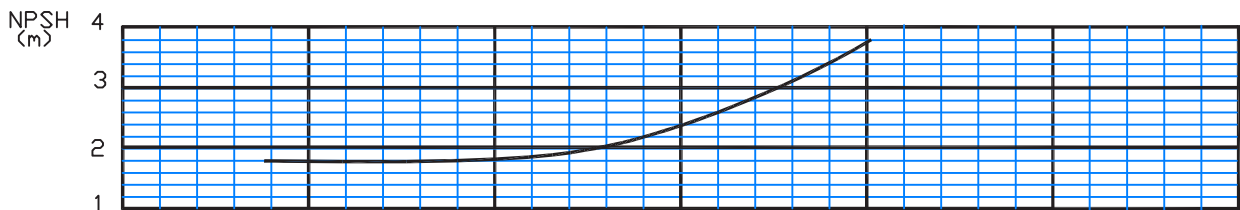
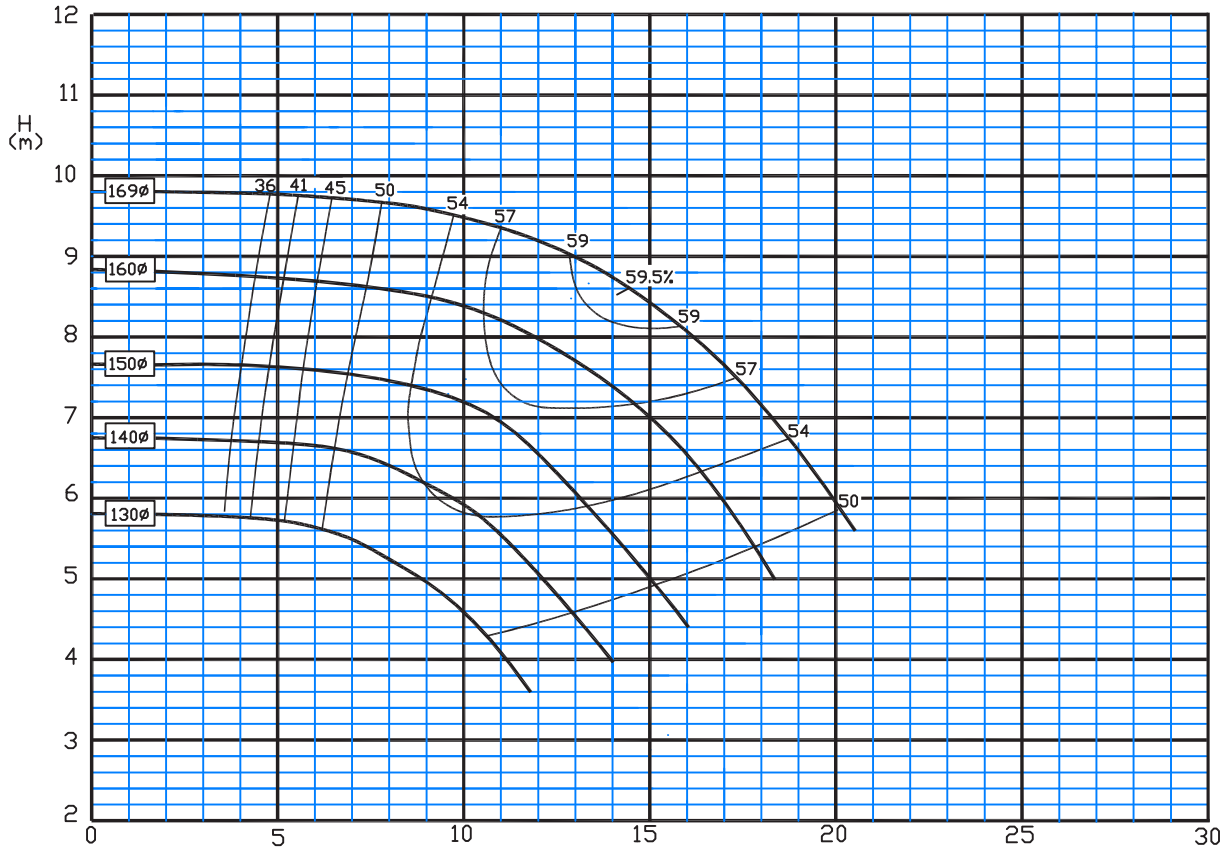
Type: 40-125/C

1450 rpm



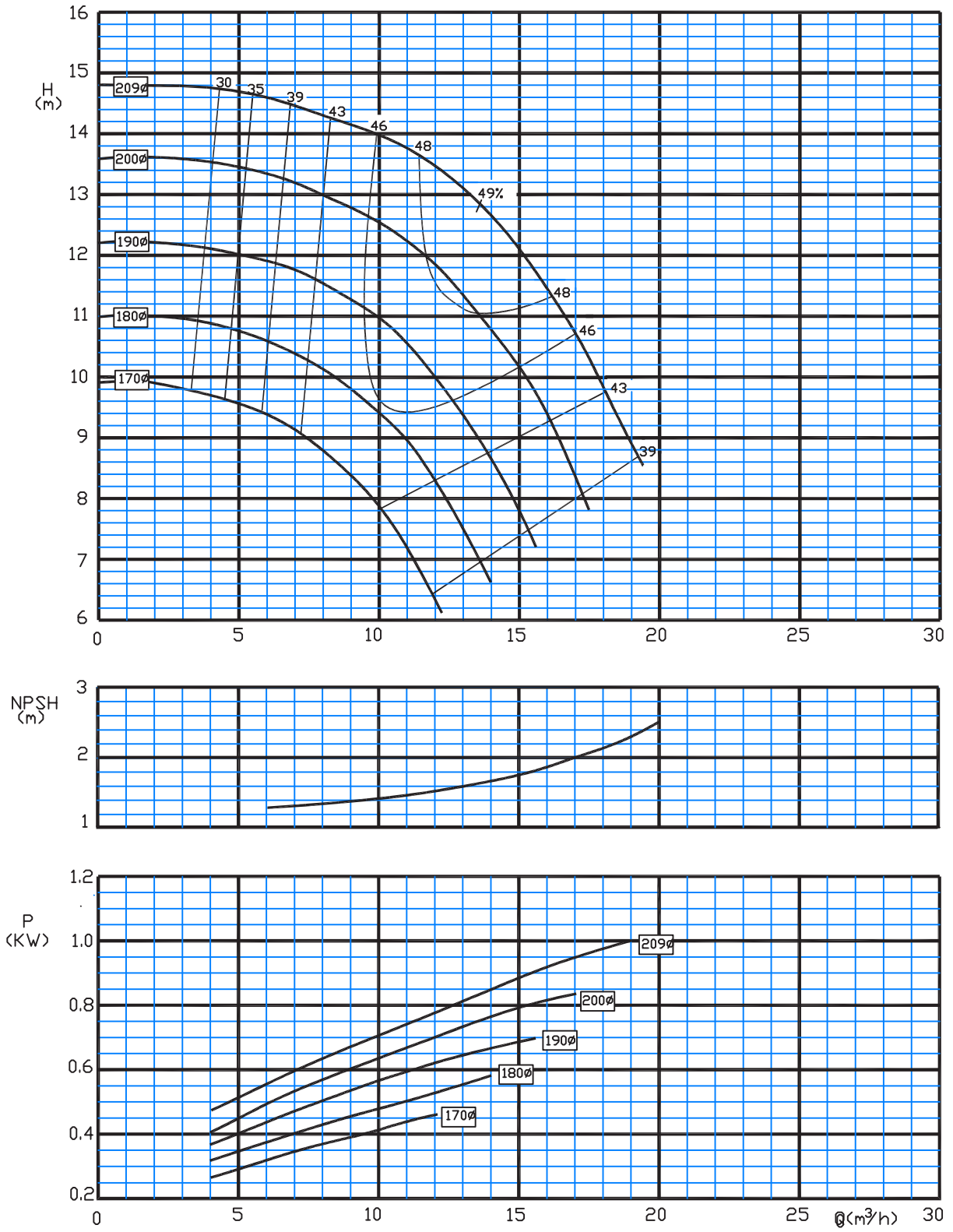
Type: 40-160/C

1450 rpm



Type: 40-200/C

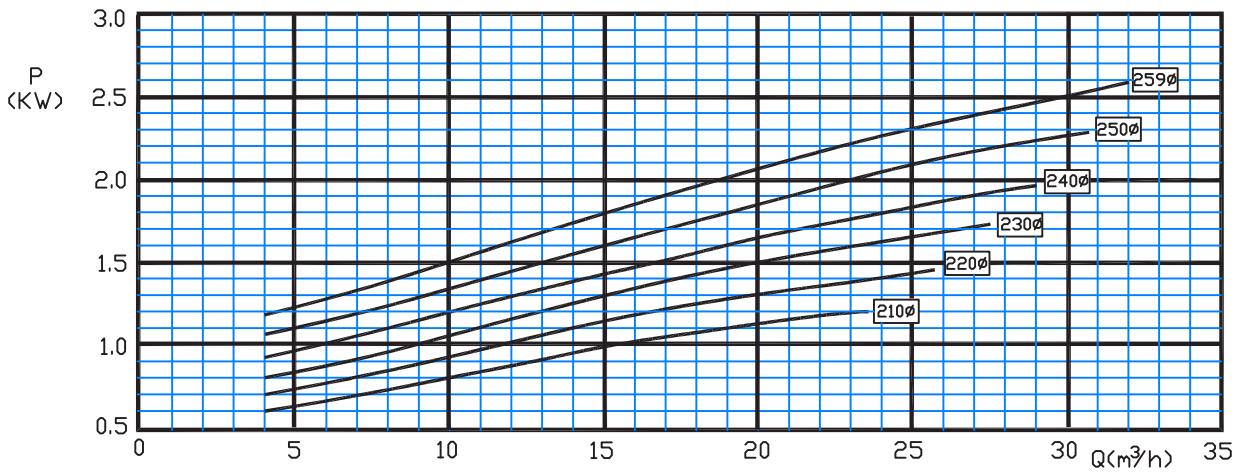
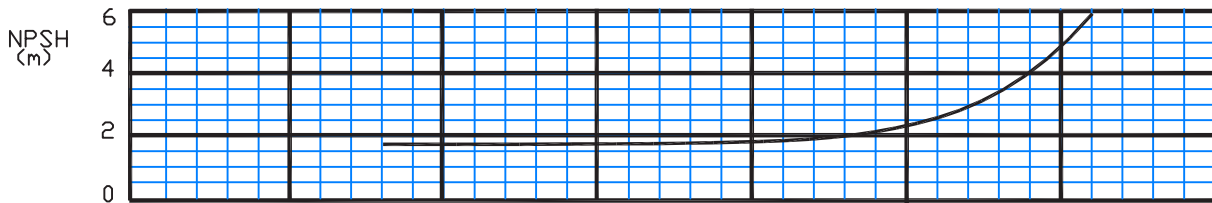
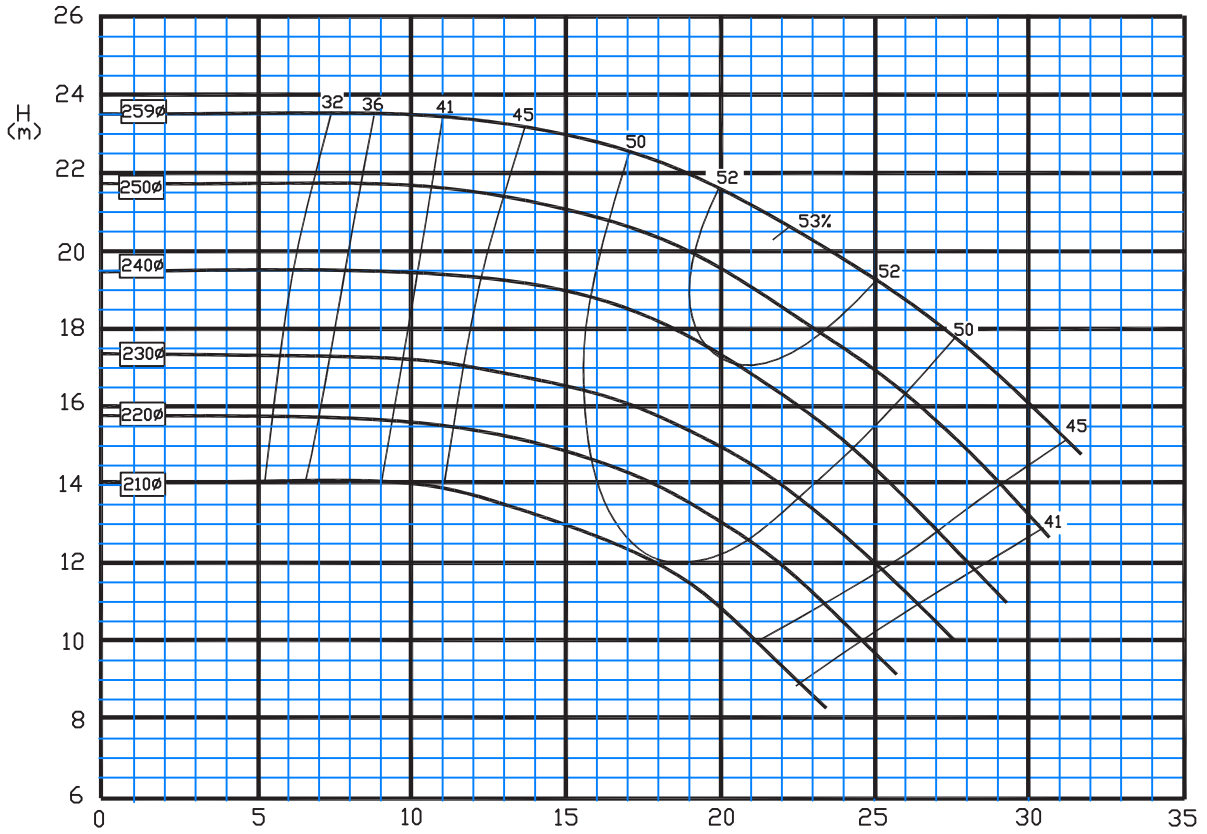
1450 rpm





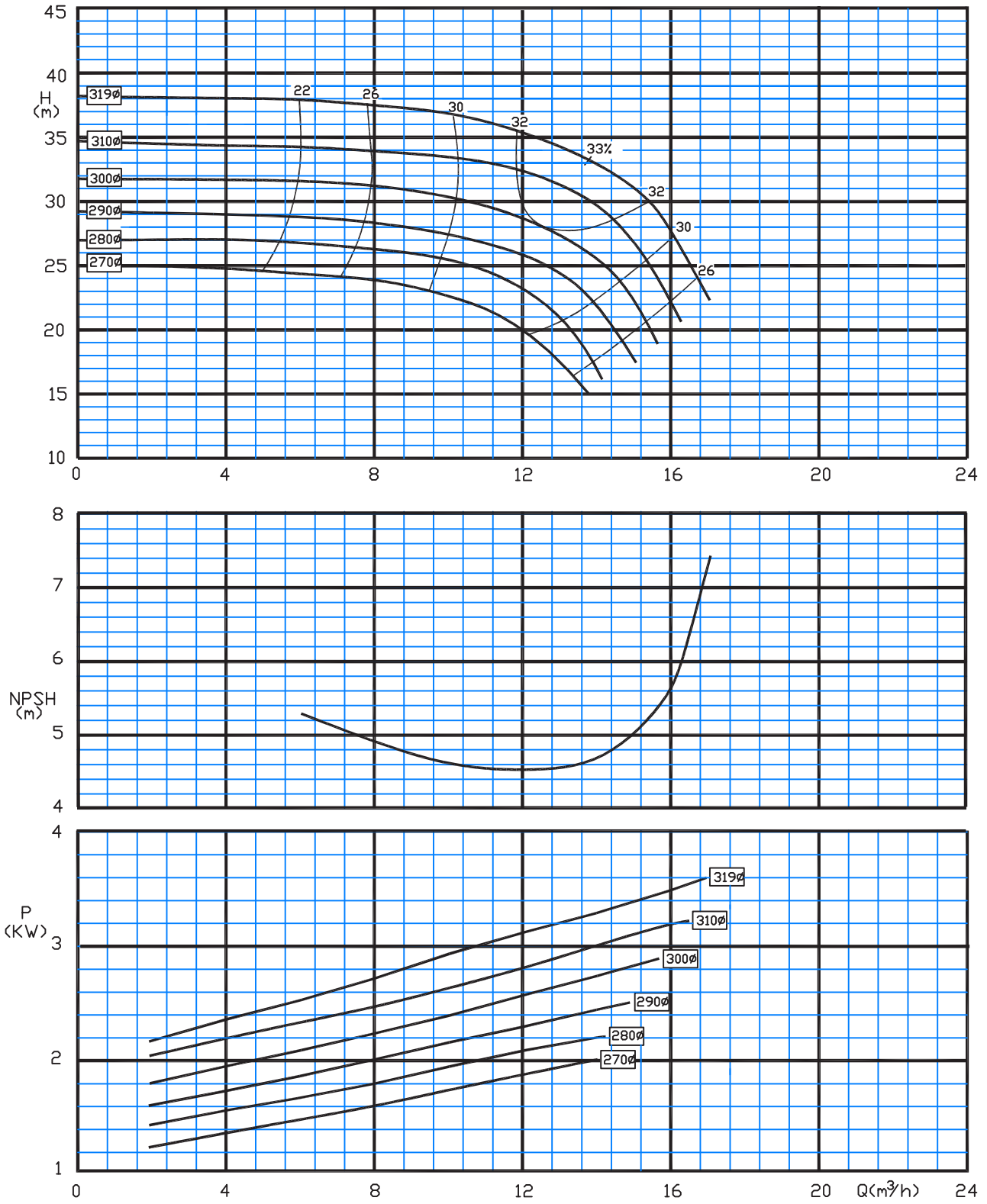
Type: 40-250/C

1450 rpm



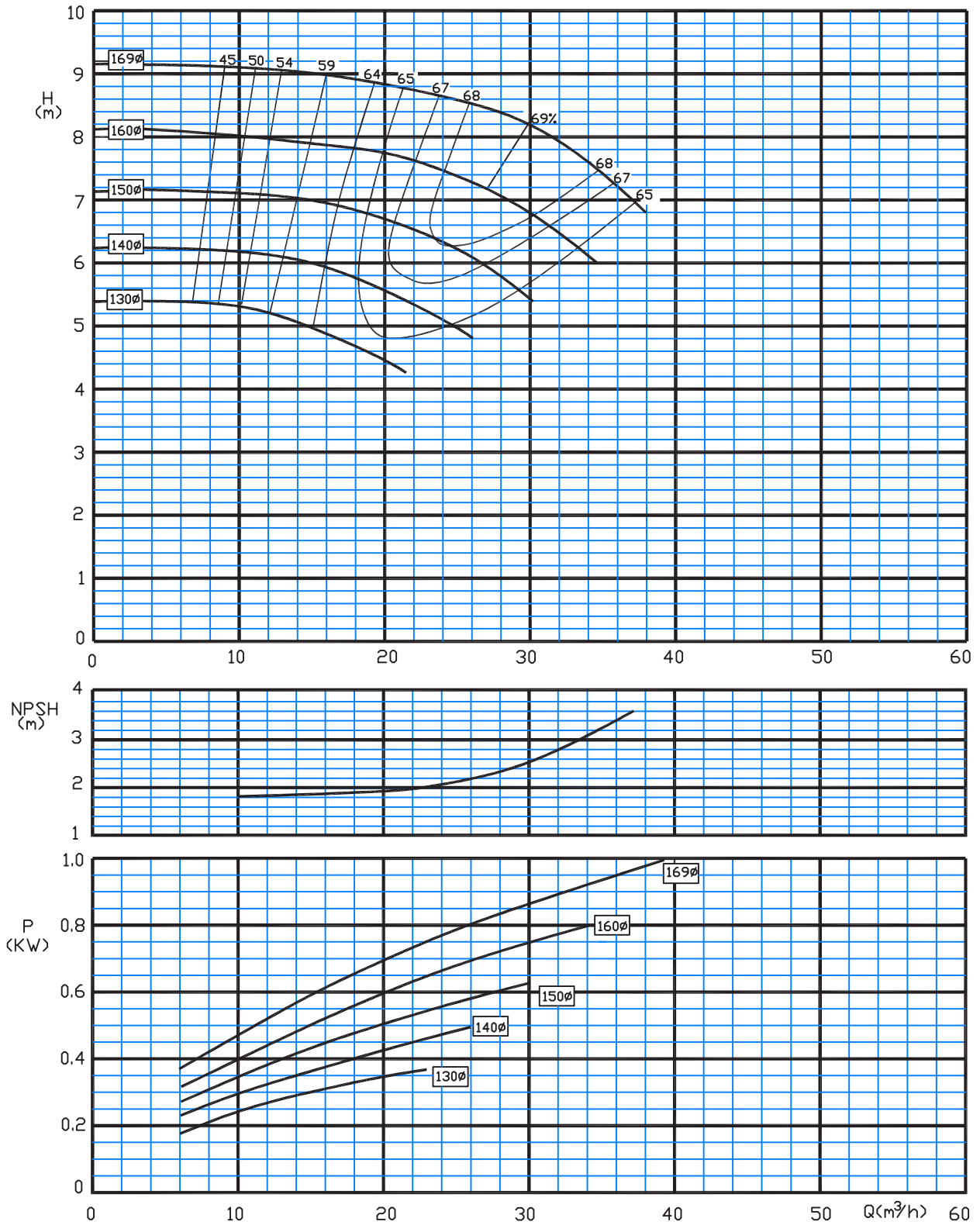
Type: 40-315/C

1450 rpm



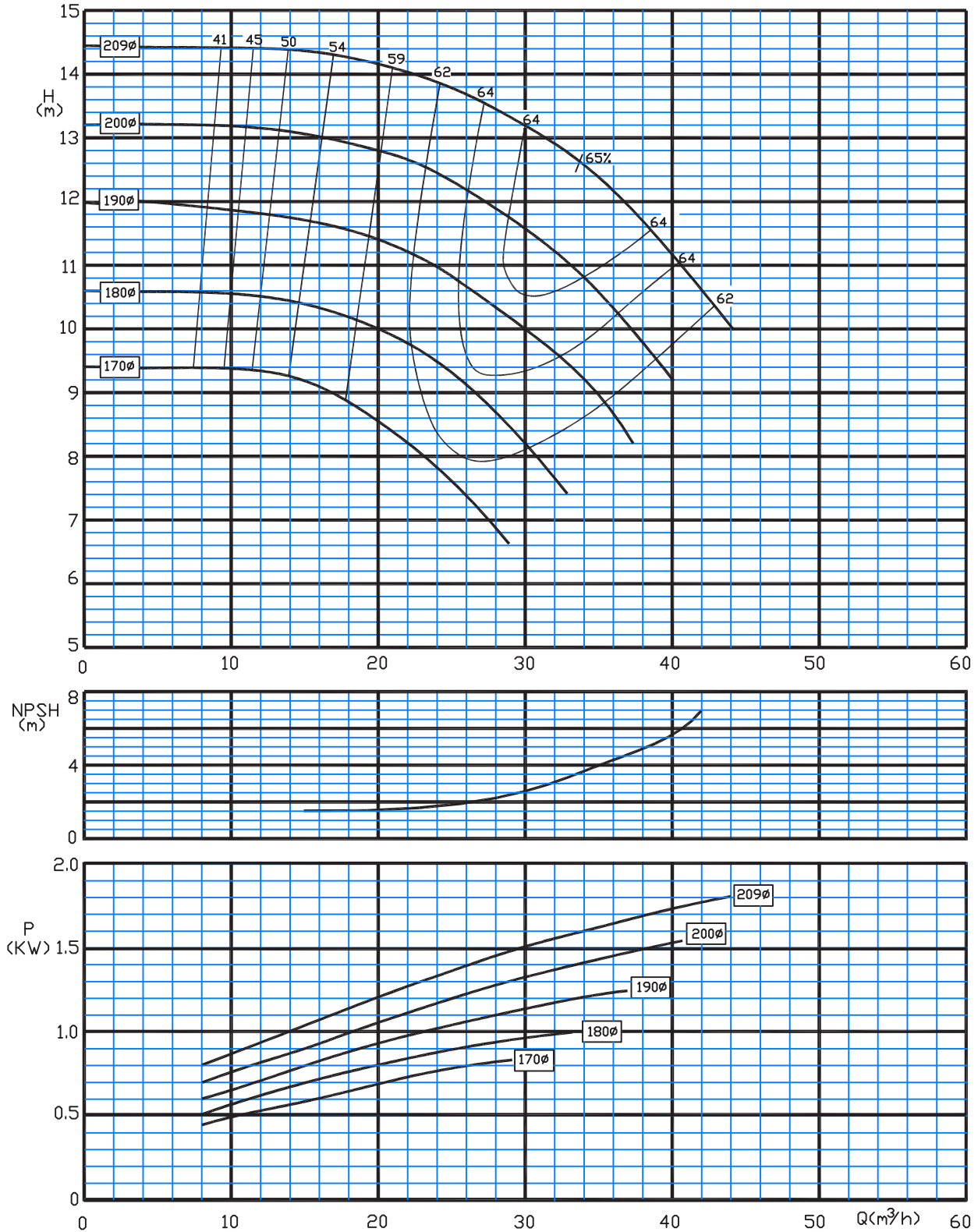
Type: 50-160/C

1450 rpm



Type: 50-200/C

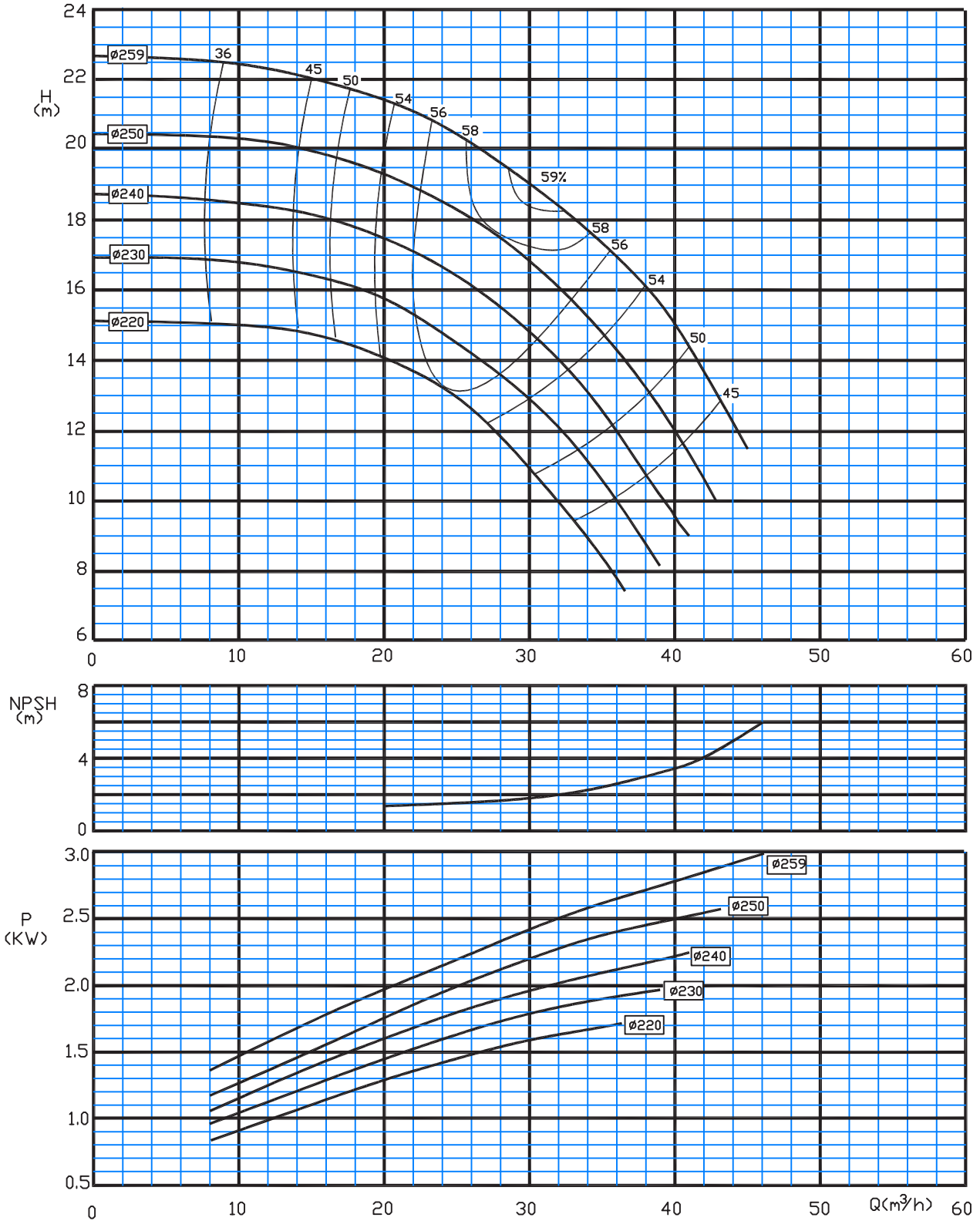
1450 rpm





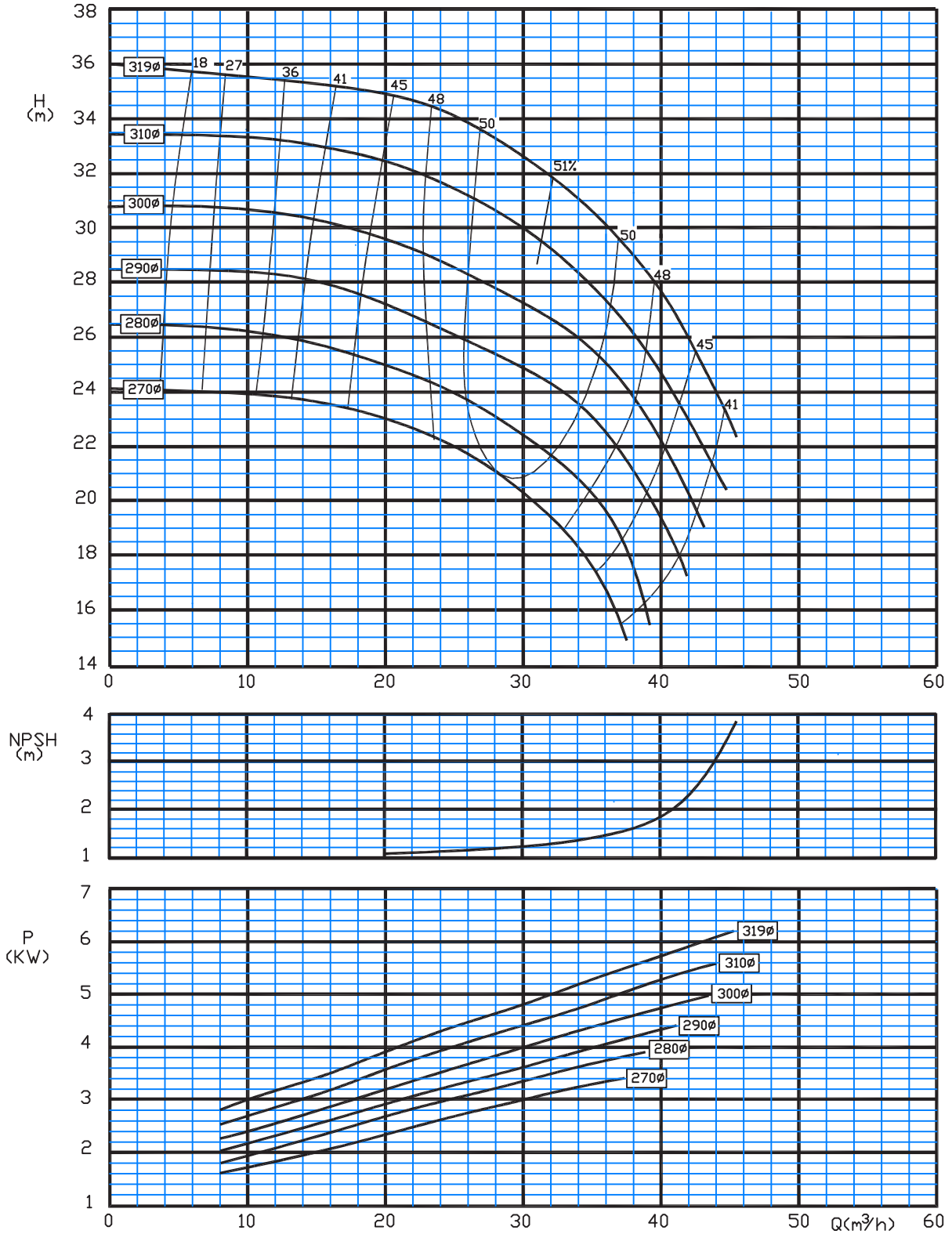
Type: 50-250/C

1450 rpm



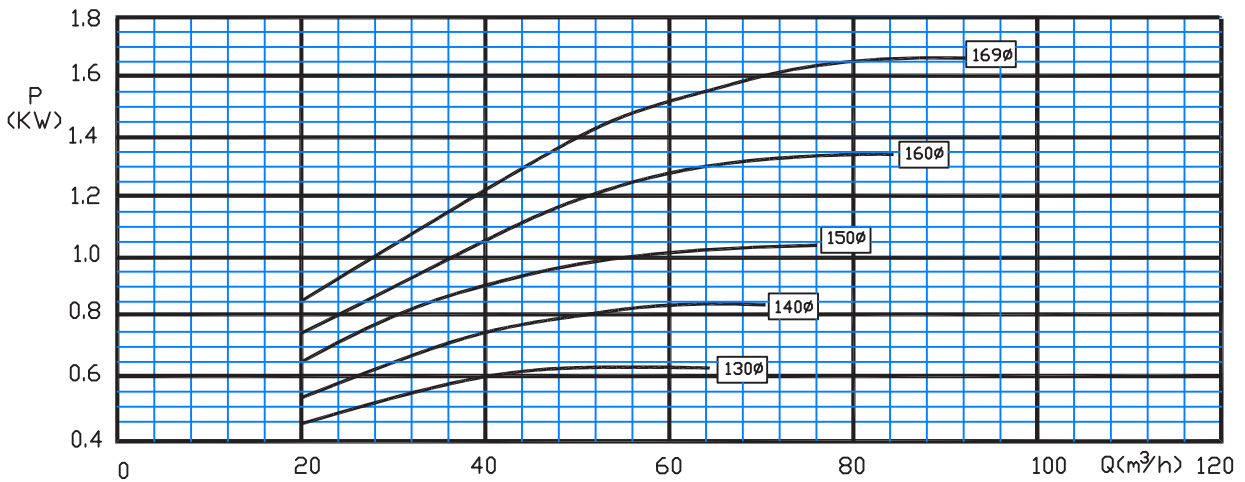
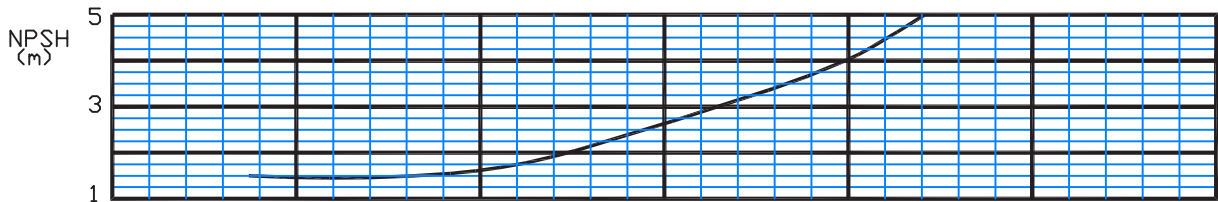
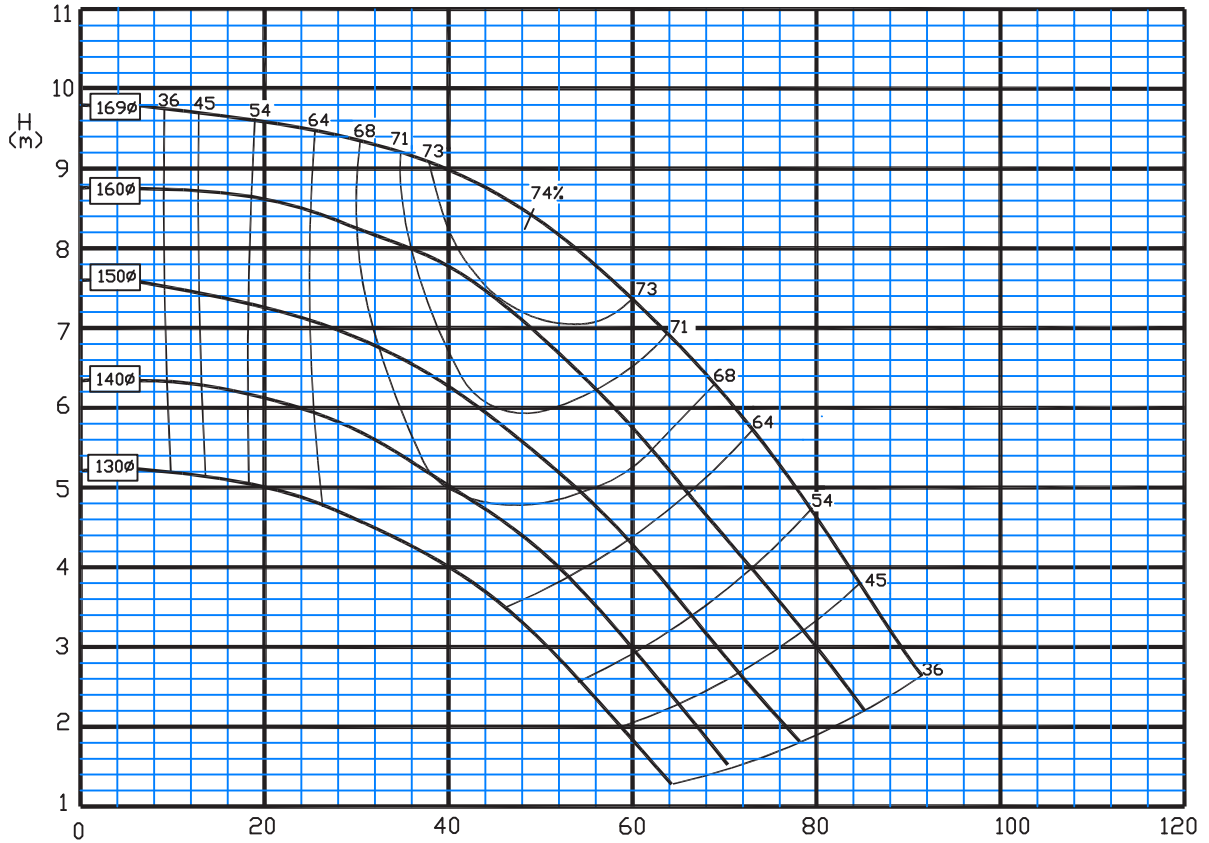
Type: 50-315/C

1450 rpm



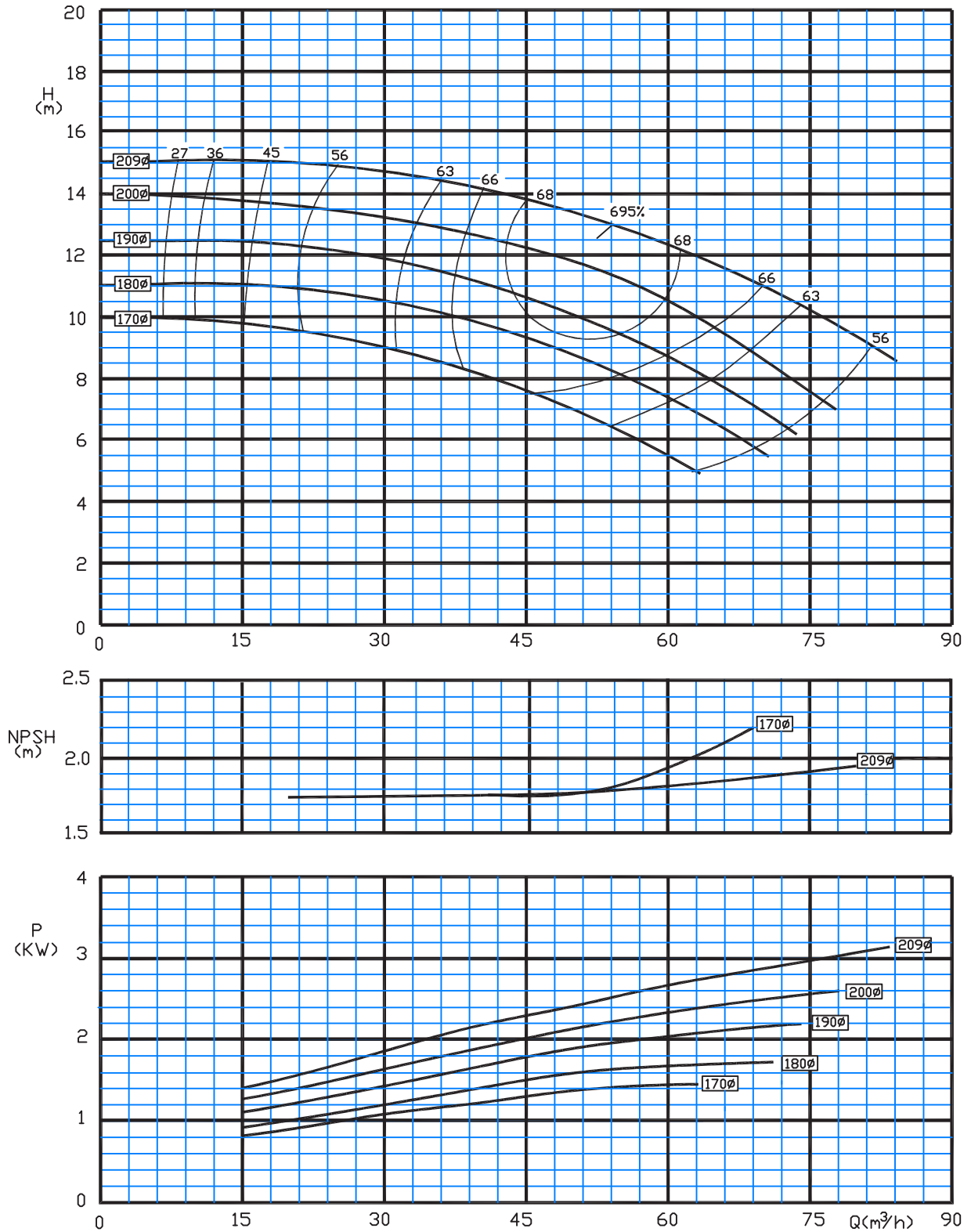
Type: 65-160/C

1450 rpm



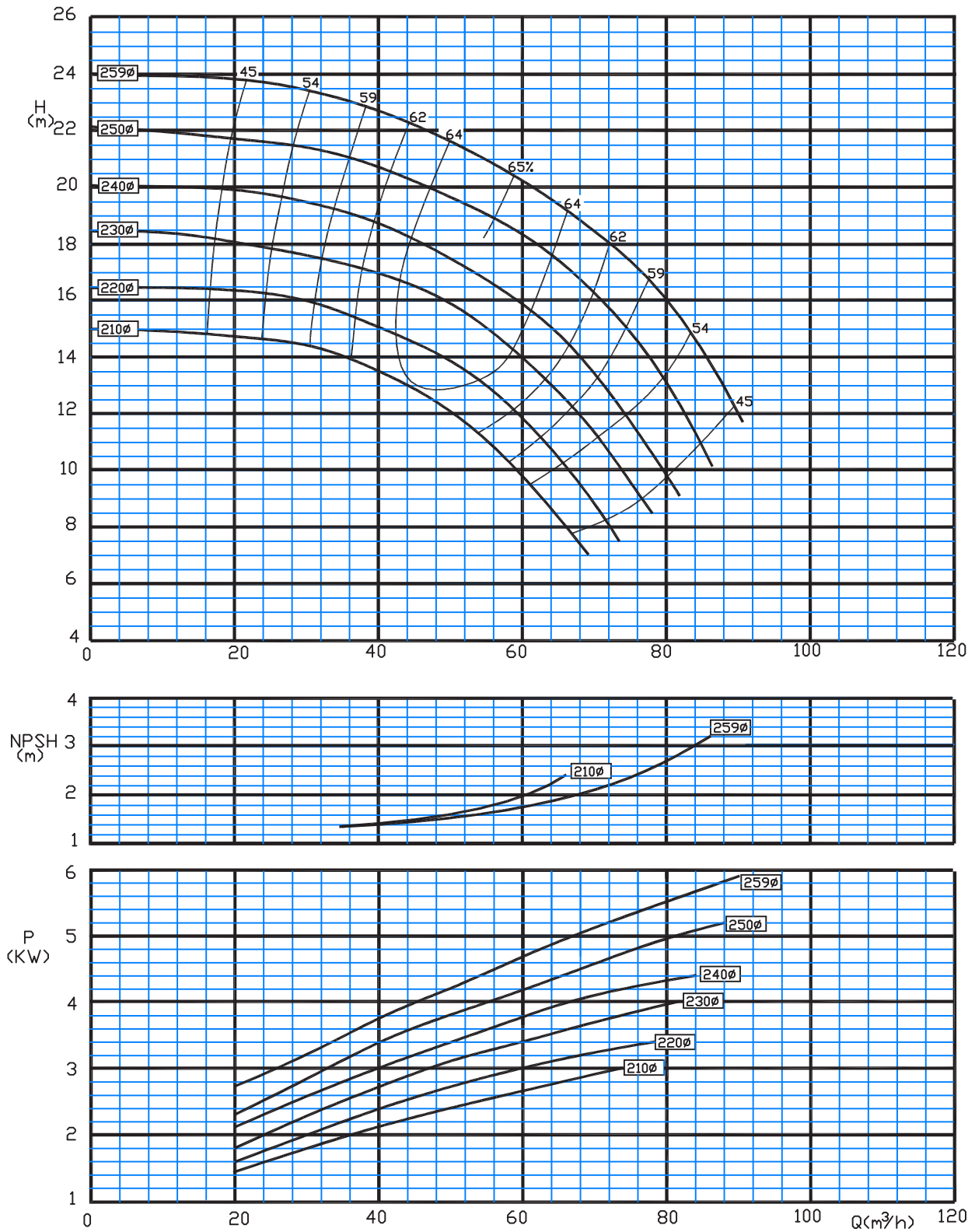
Type: 65-200/C

1450 rpm



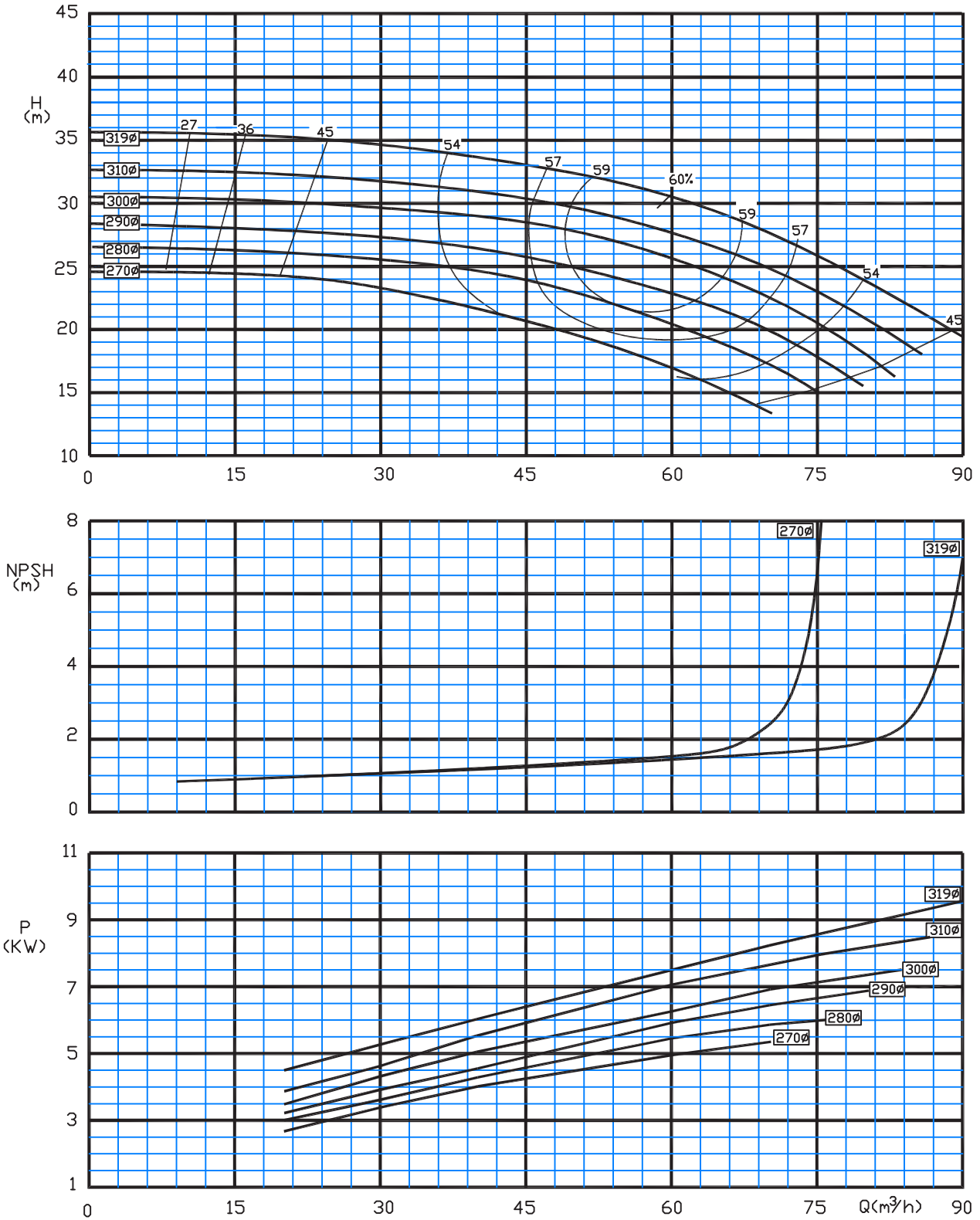
Type: 65-250/C

1450 rpm



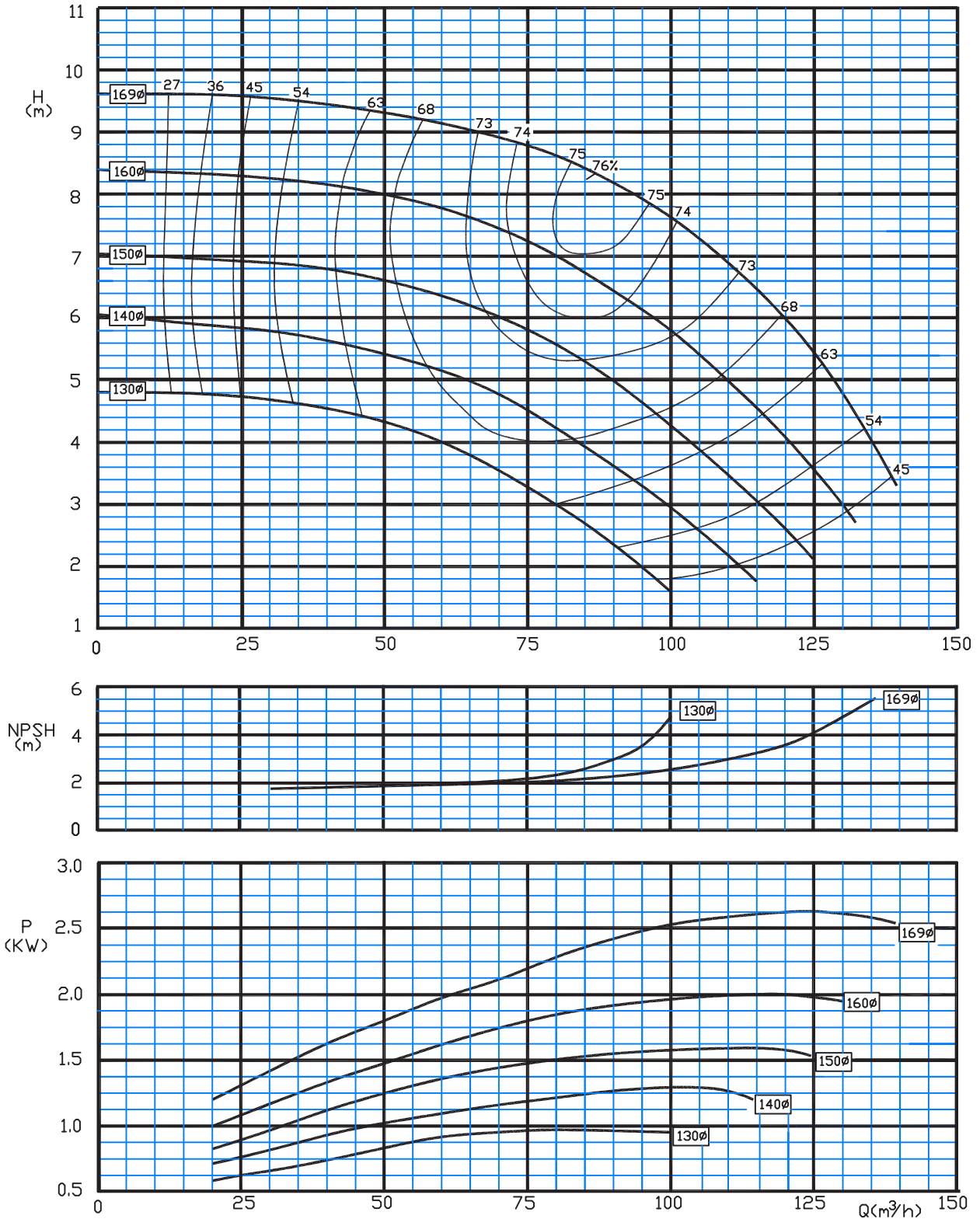
Type: 65-315/C

1450 rpm



Type: 80-160/C

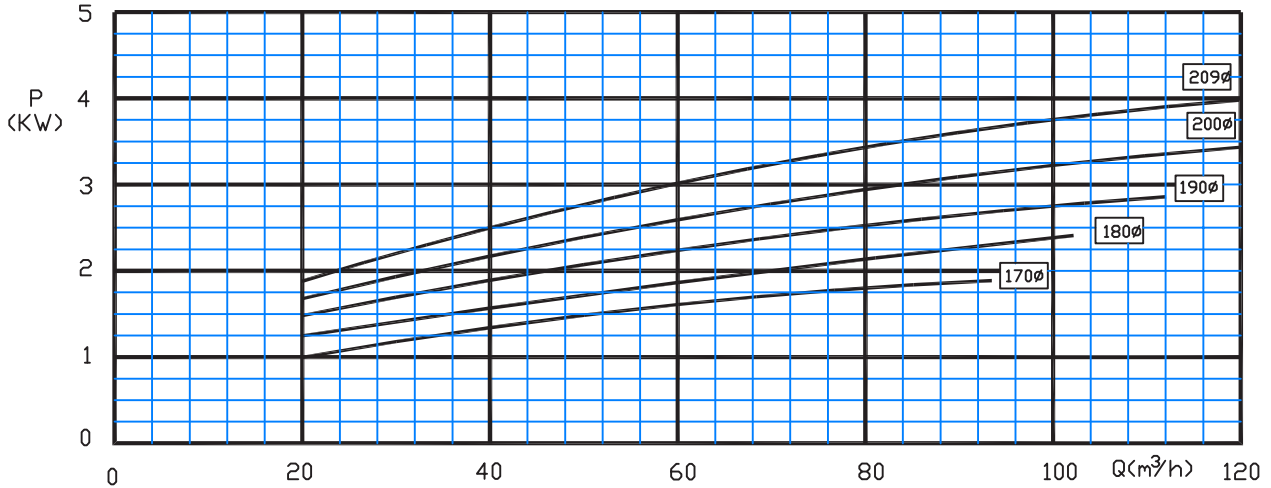
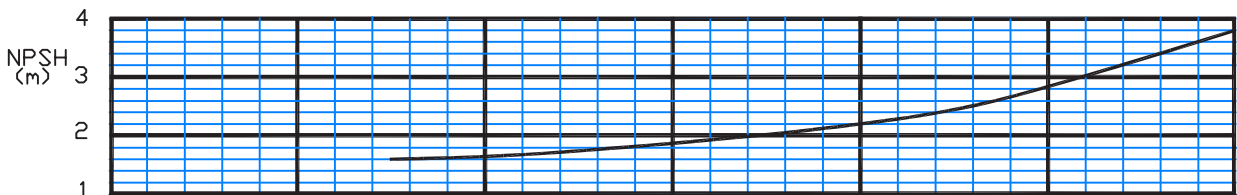
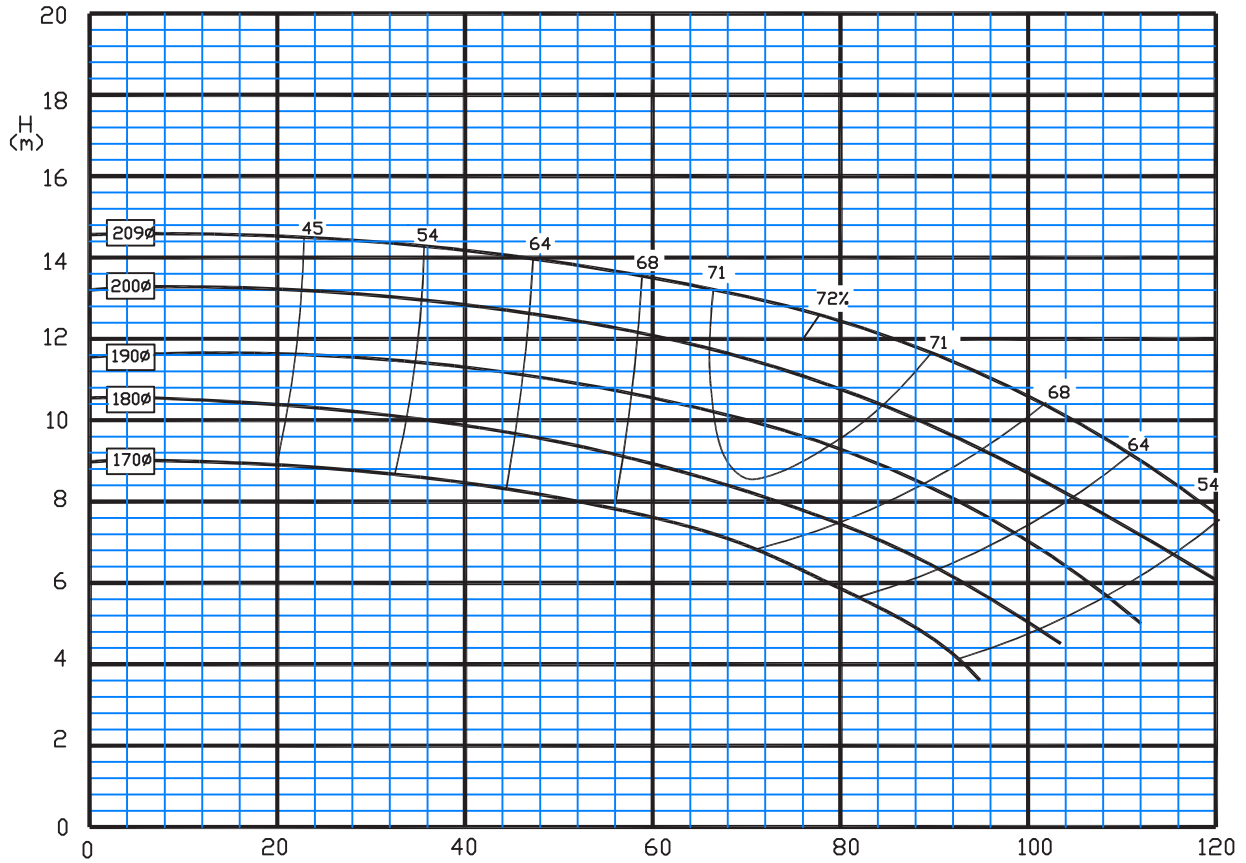
1450 rpm





Type: 80-200/C

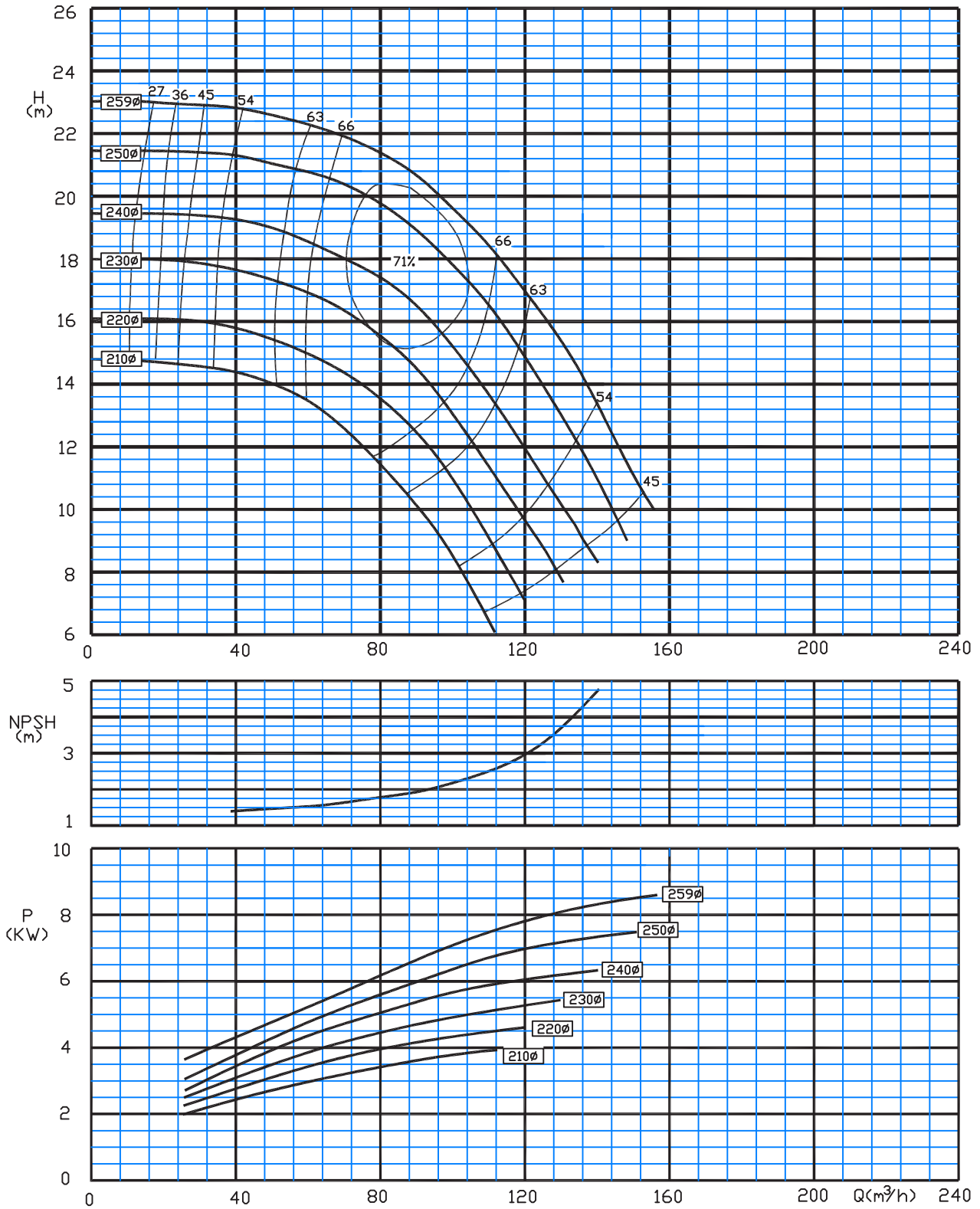
1450 rpm





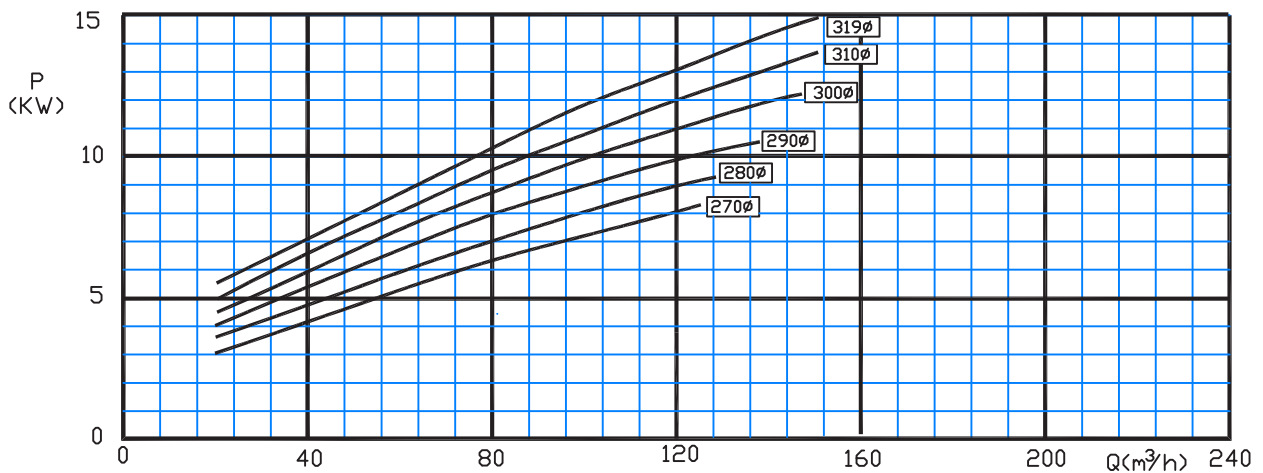
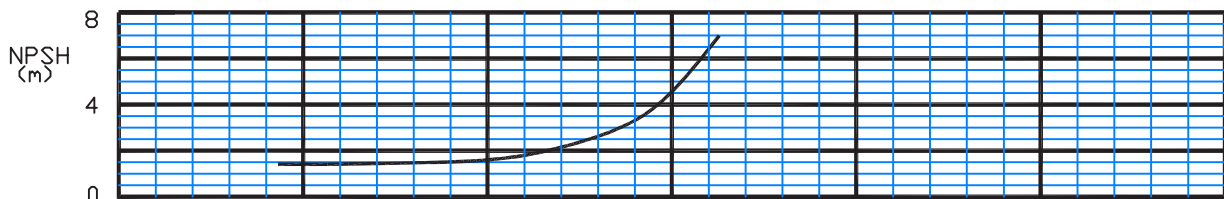
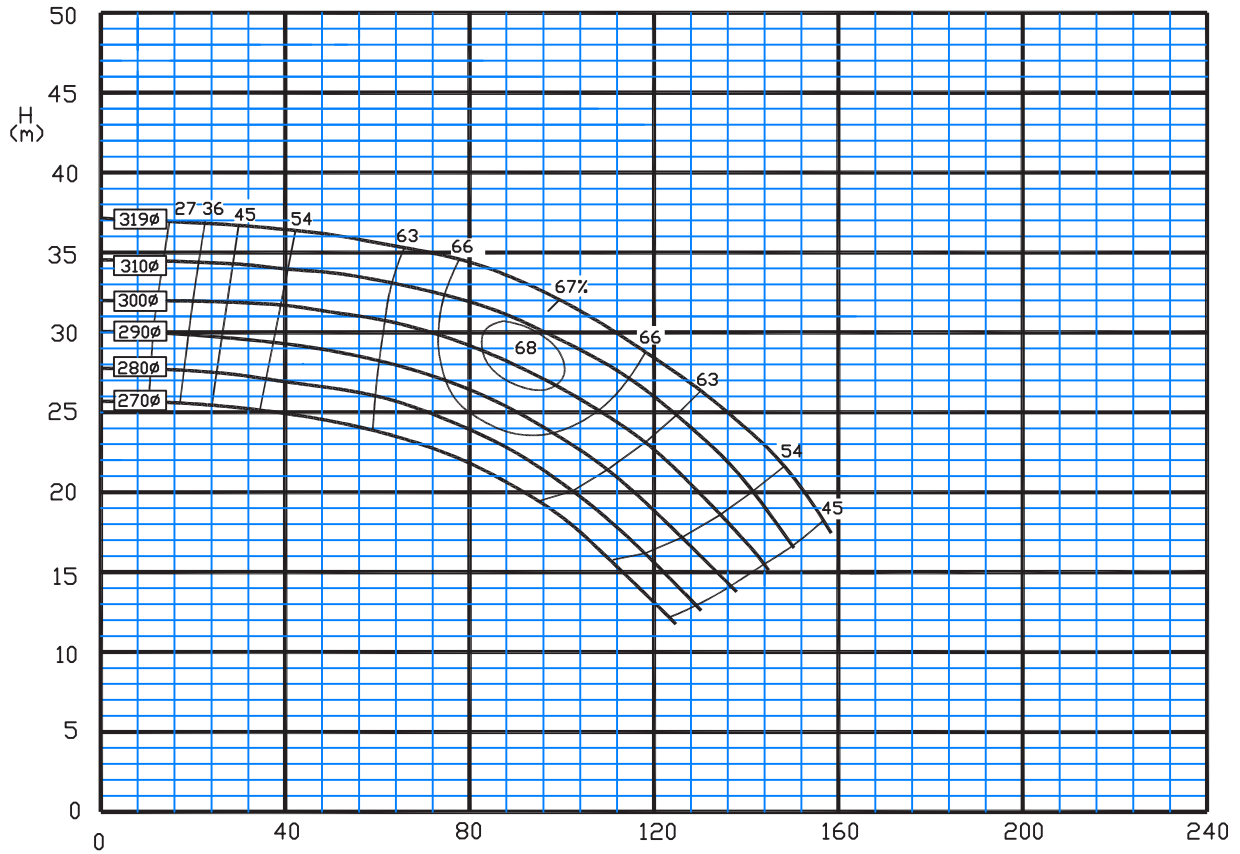
Type: 80-250/C

1450 rpm



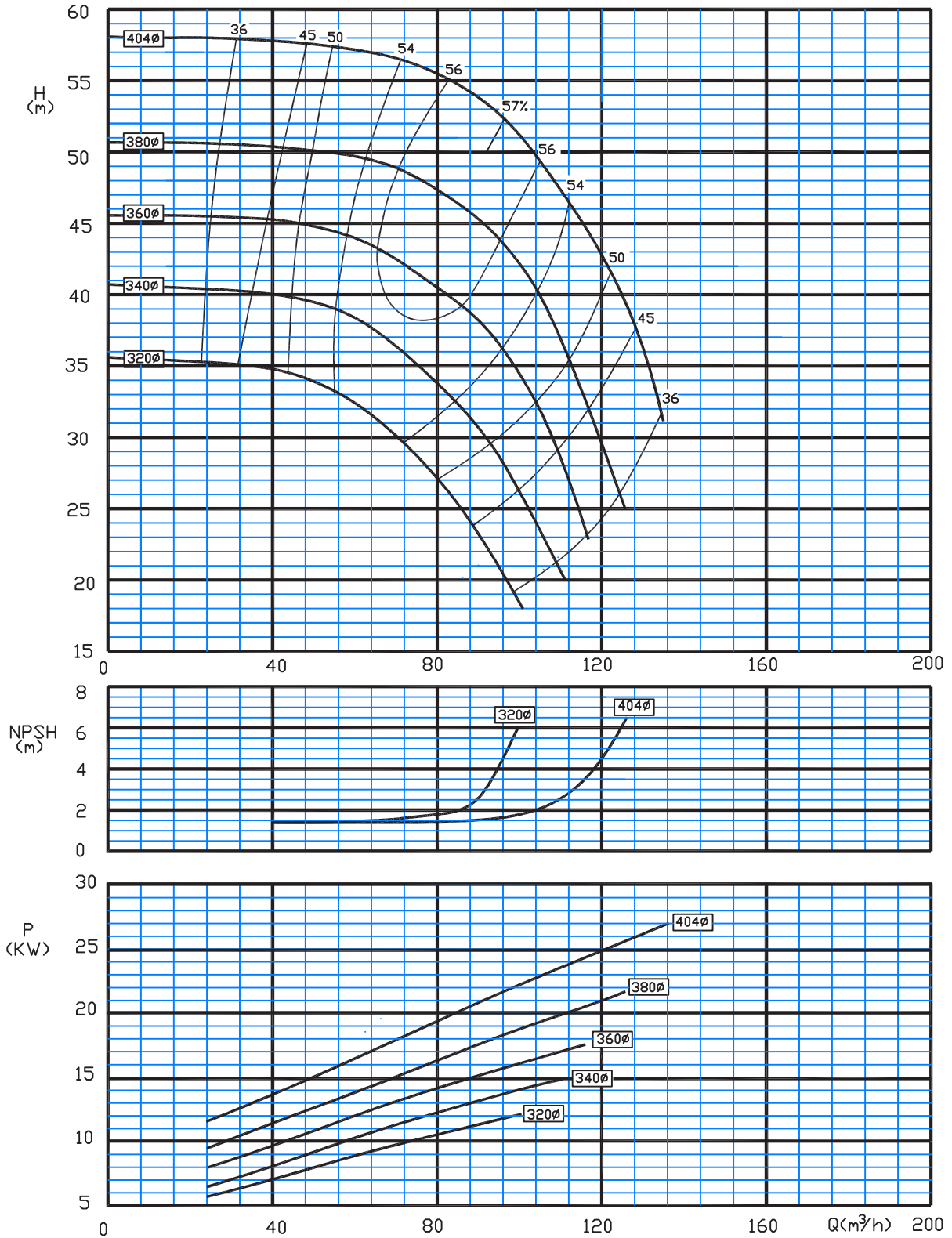
Type: 80-315/C

1450 rpm



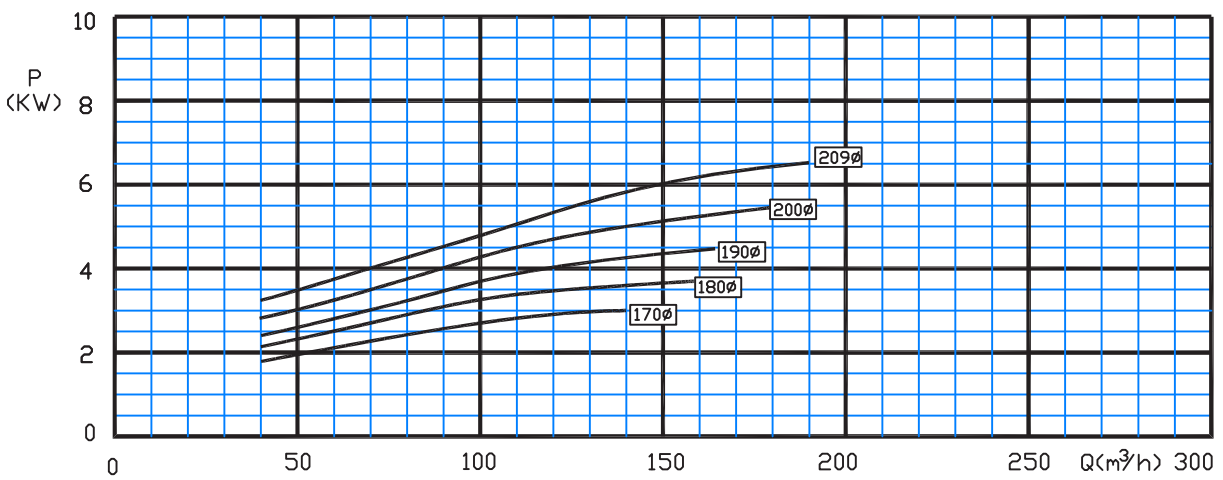
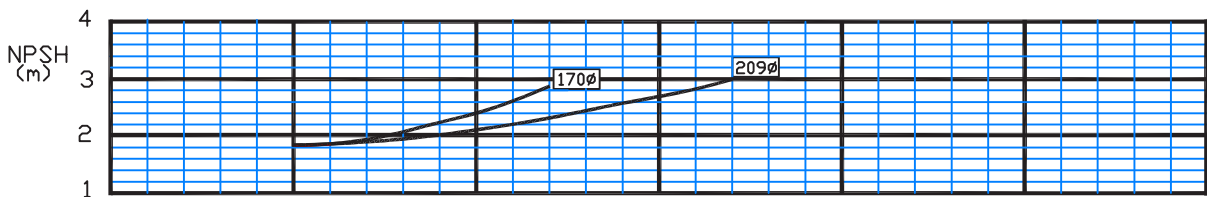
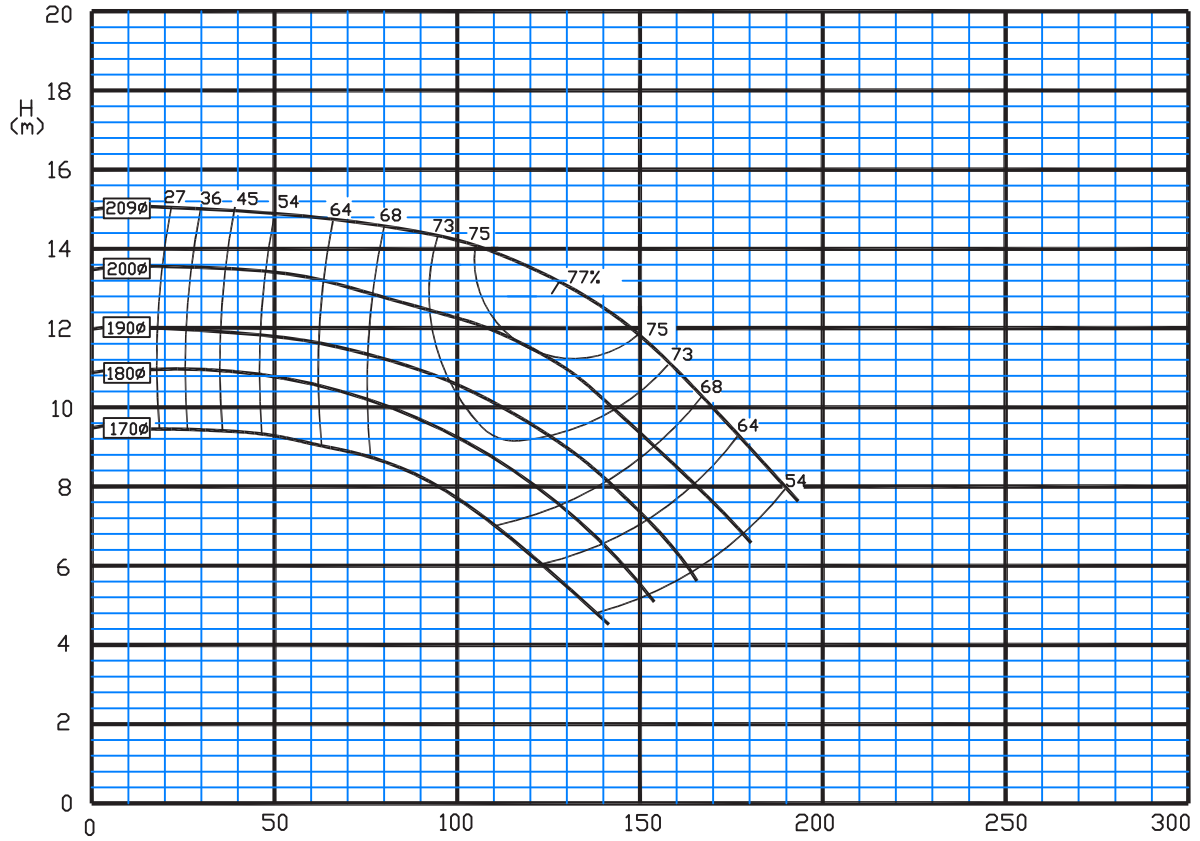
Type: 80-400/C

1450 rpm



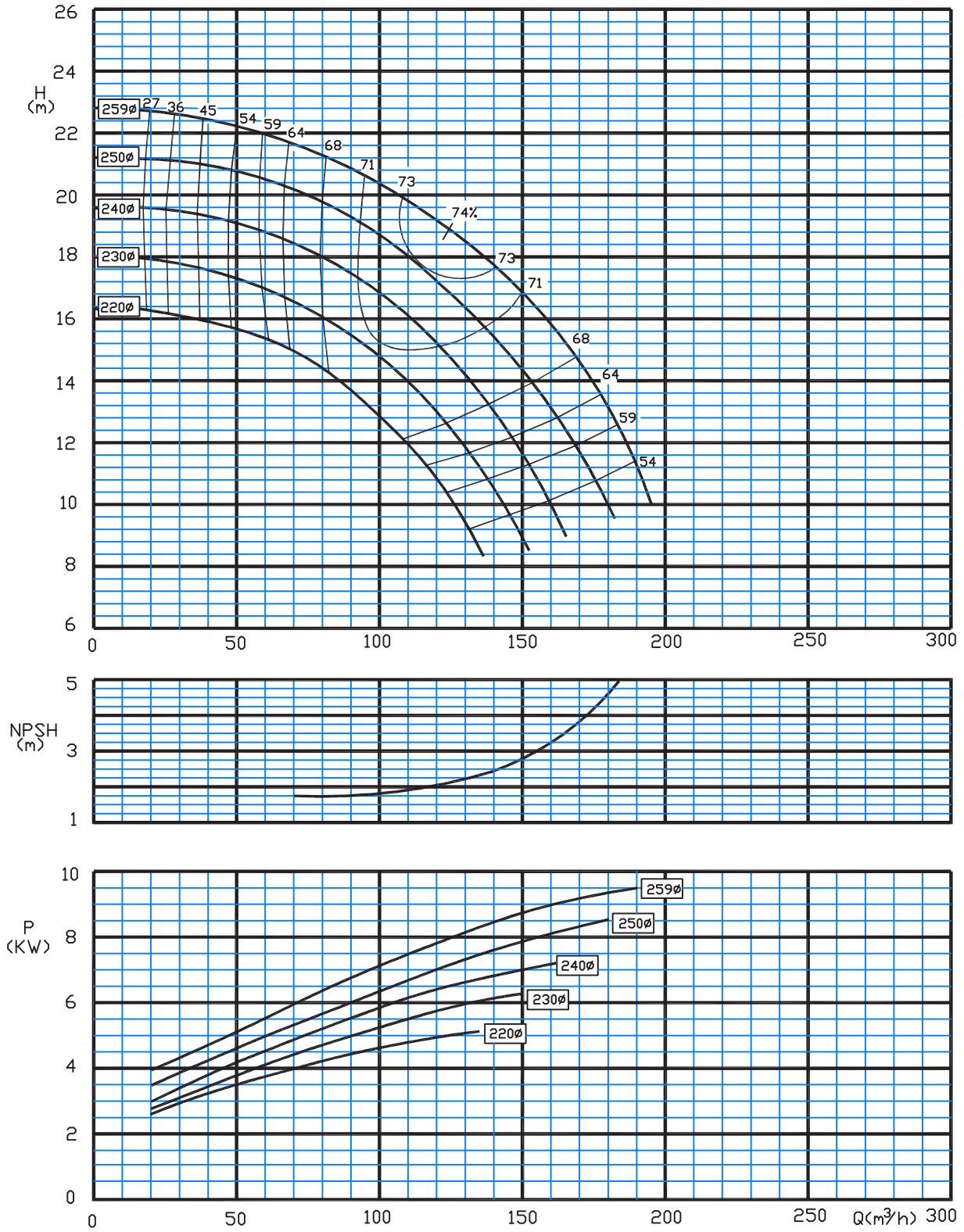
Type: 100-200/C

1450 rpm



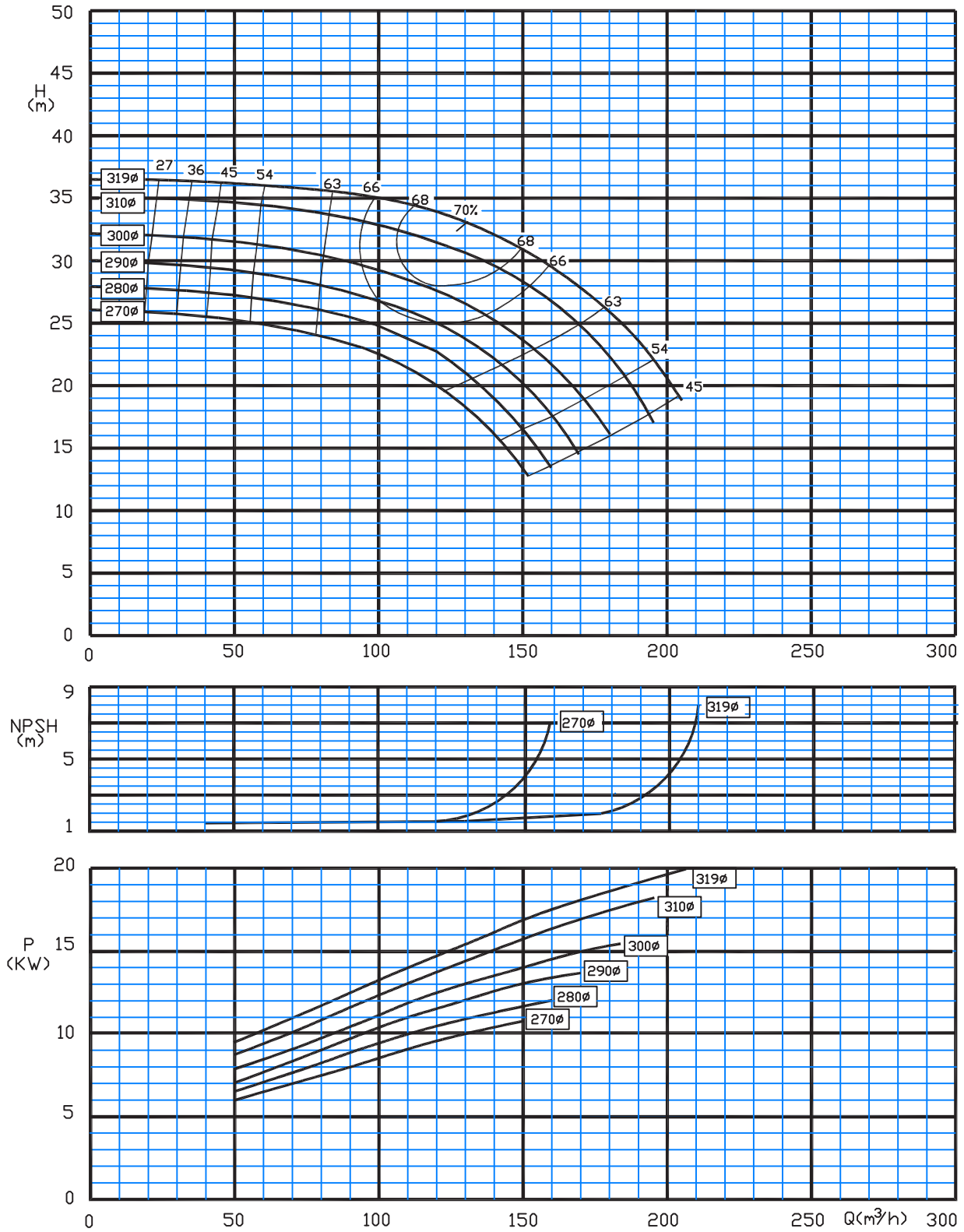
Type: 100-250/C

1450 rpm



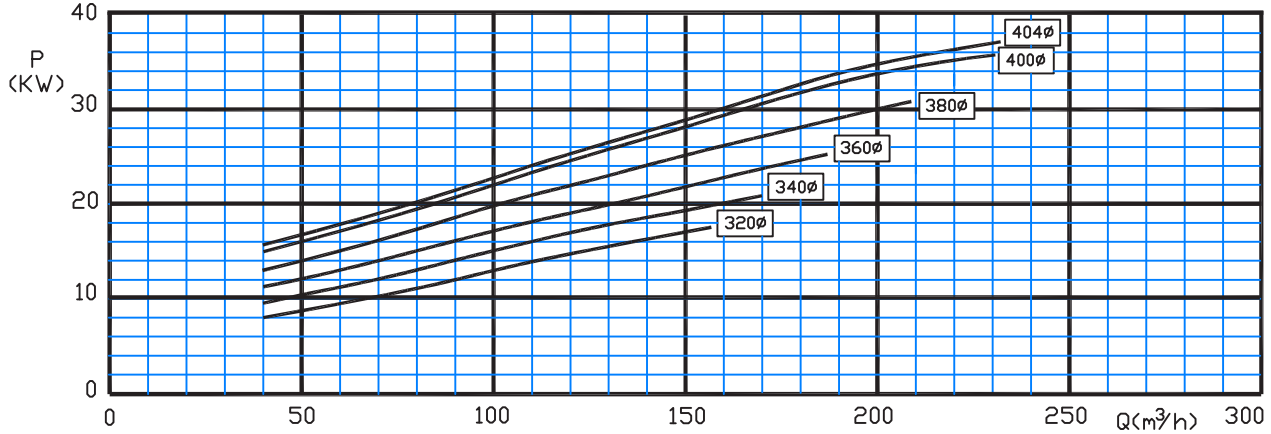
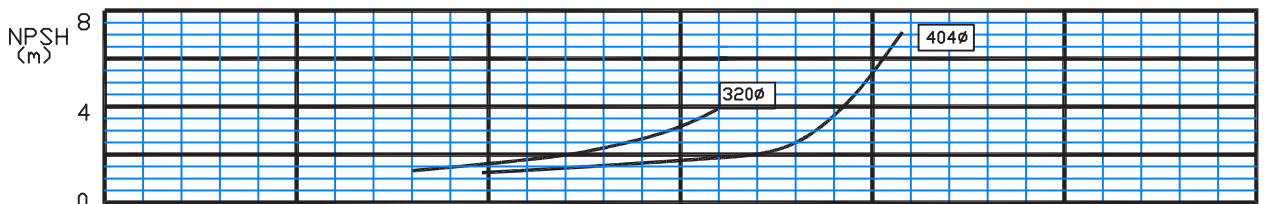
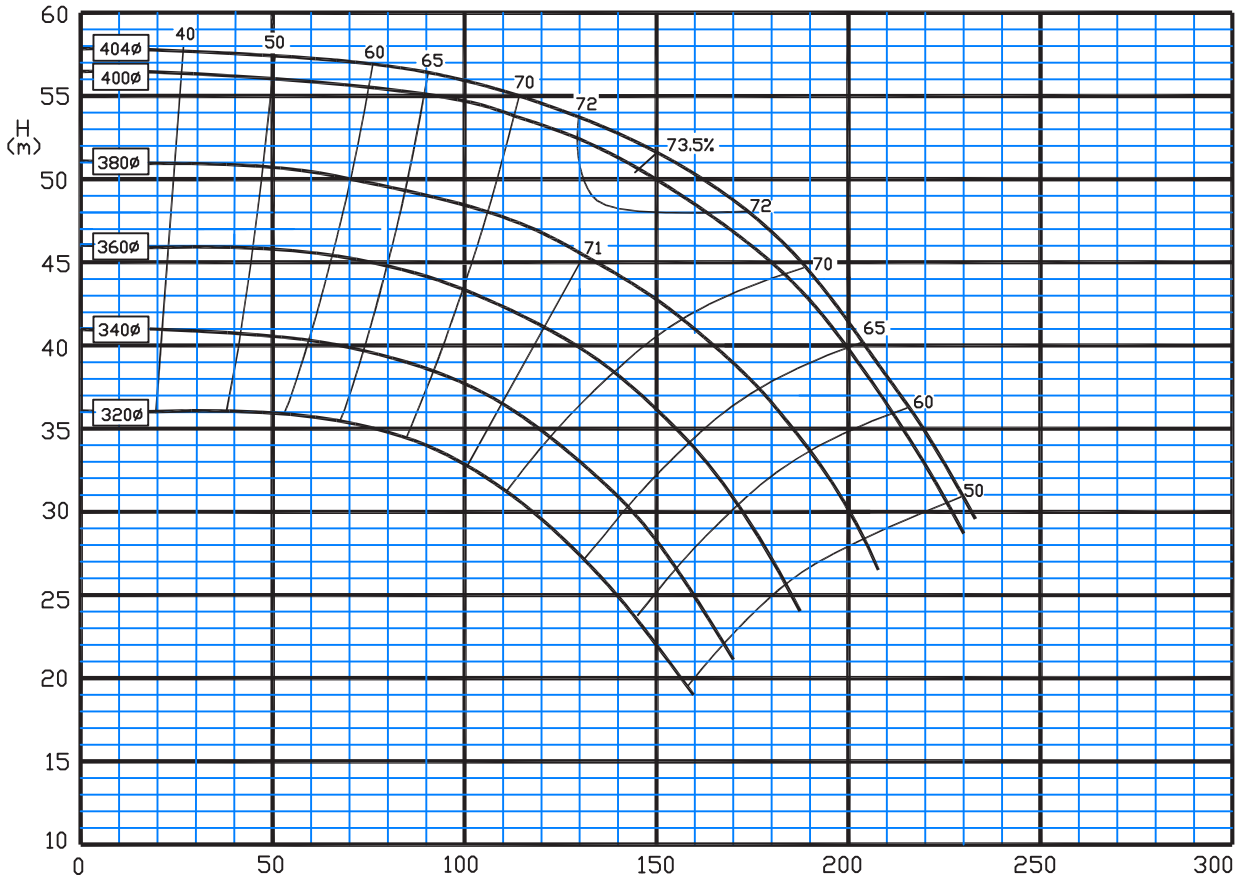
Type: 100-315/C

1450 rpm



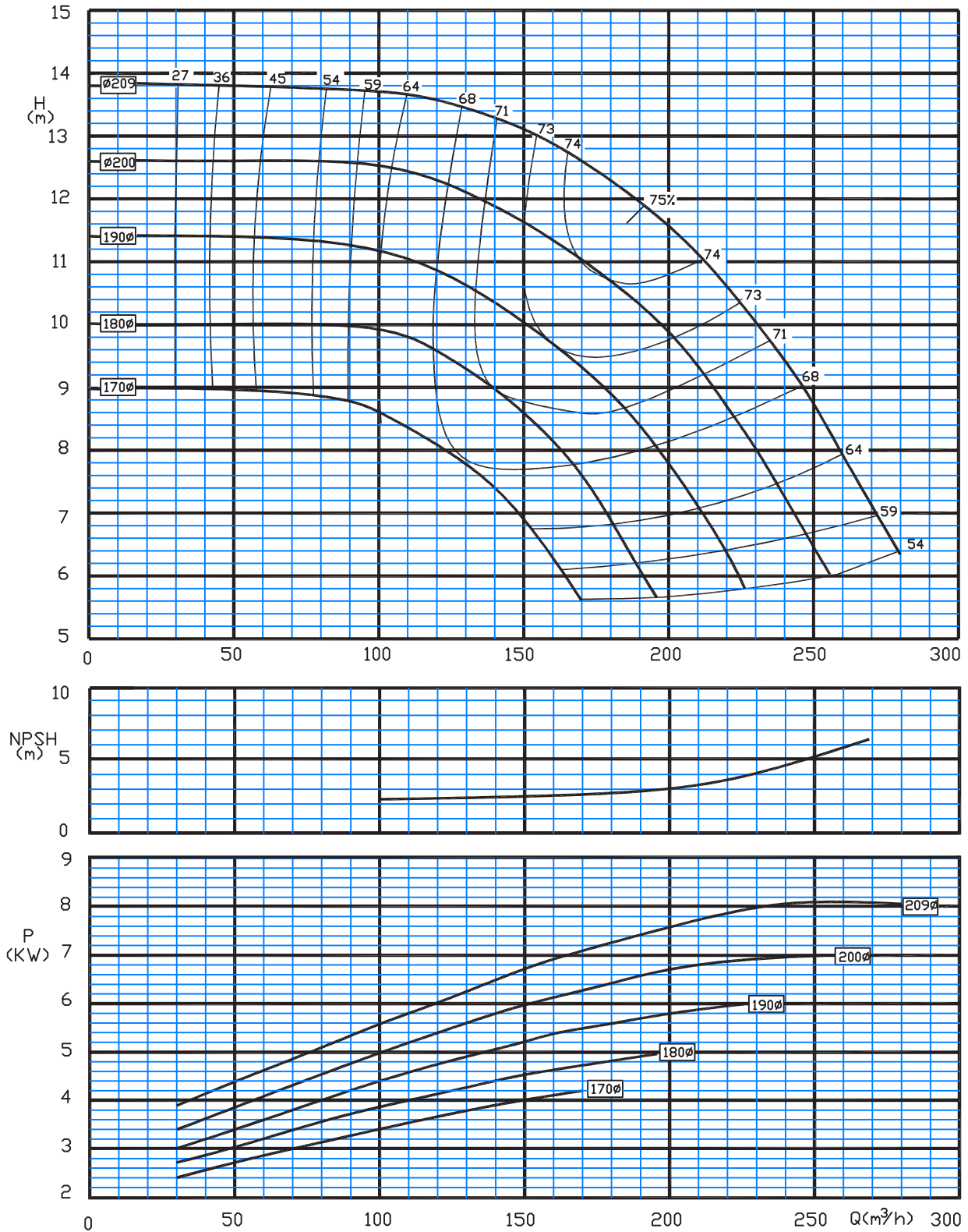
Type: 100-400/C

1450 rpm



Type: 125-200/C

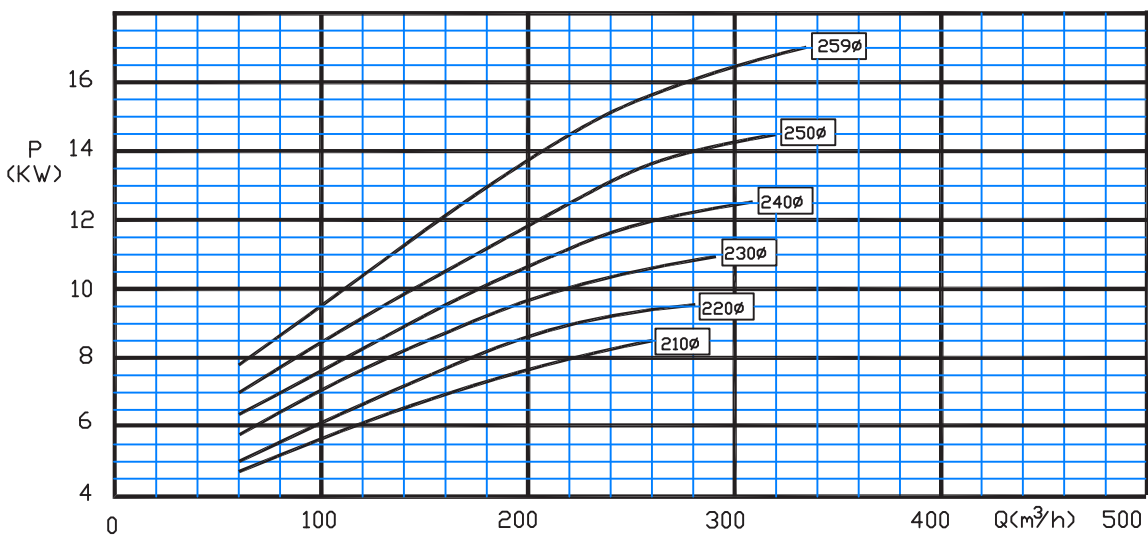
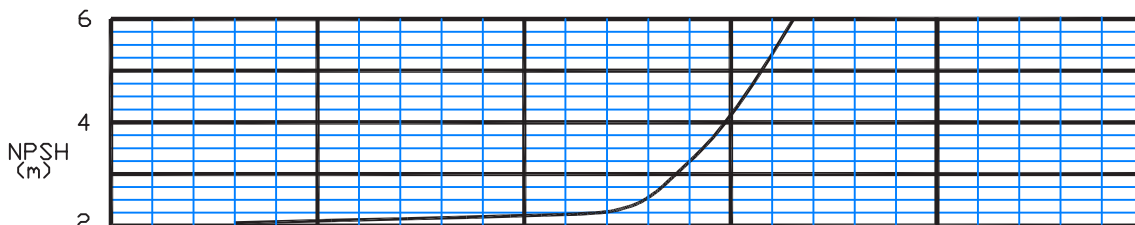
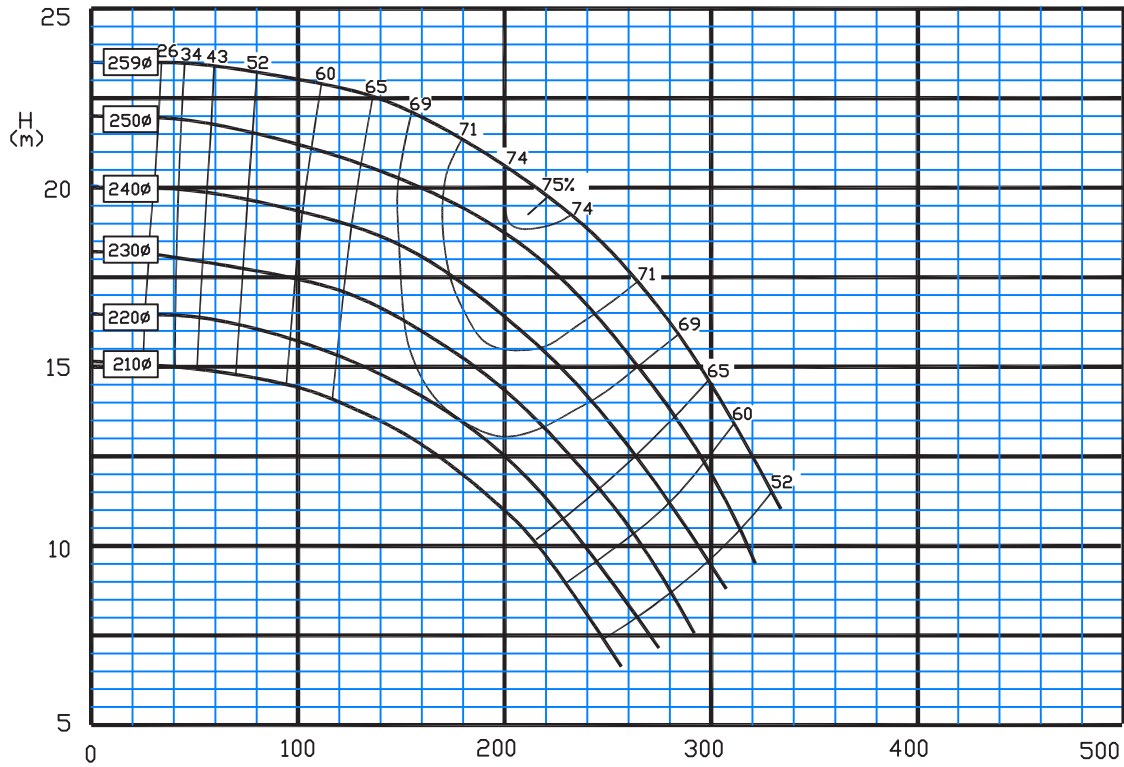
1450 rpm





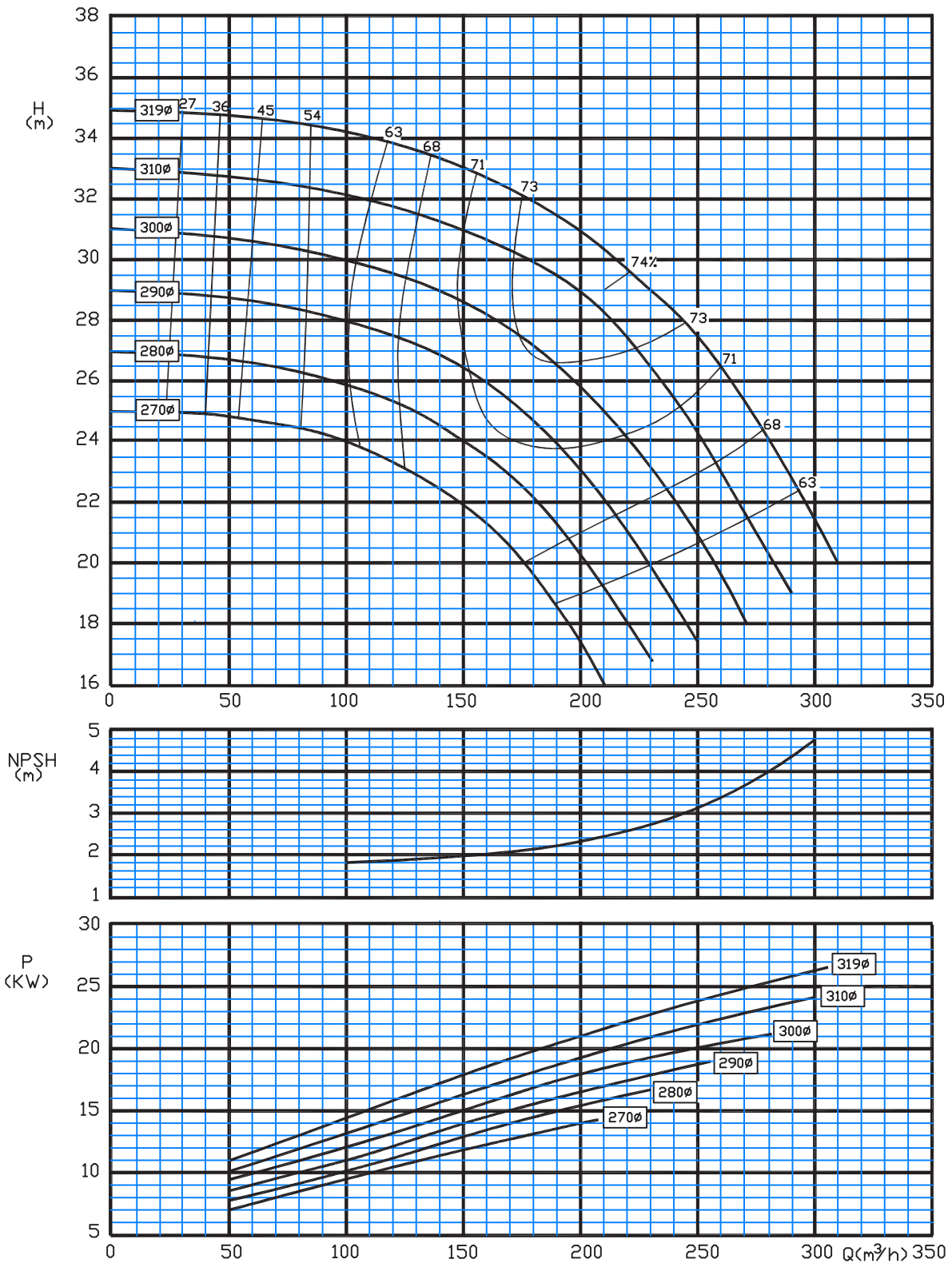
Type: 125-250/C

1450 rpm



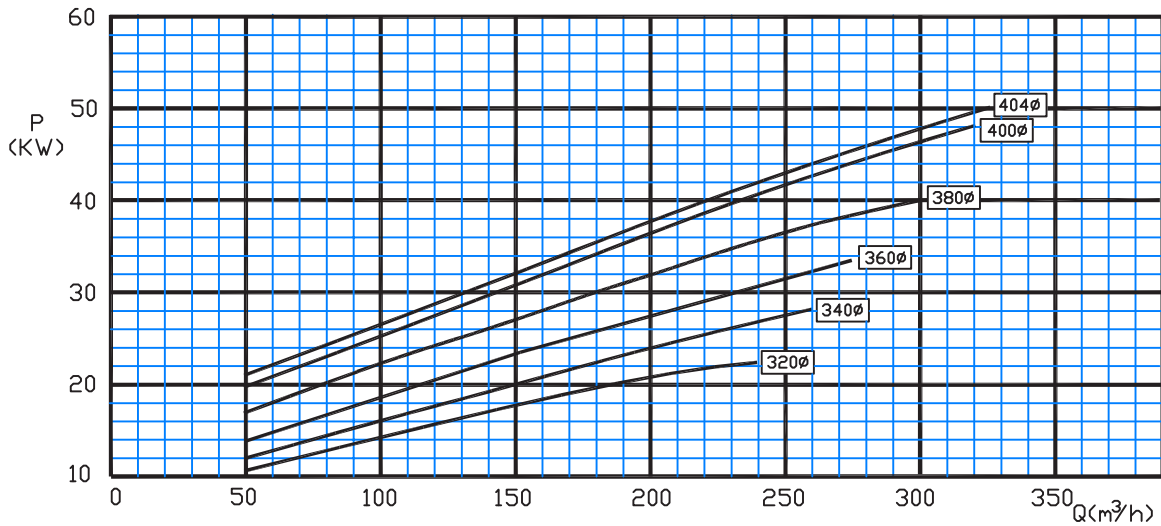
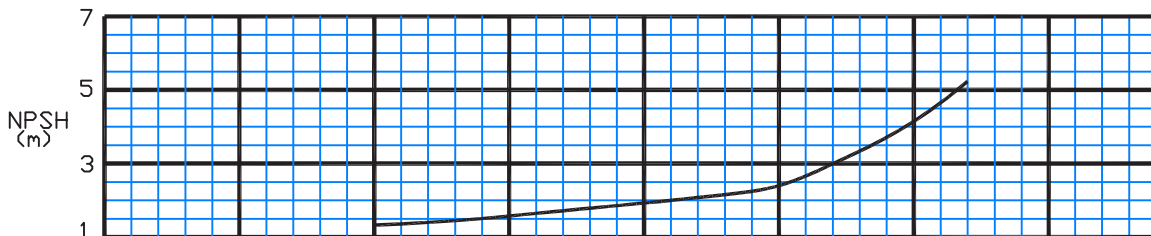
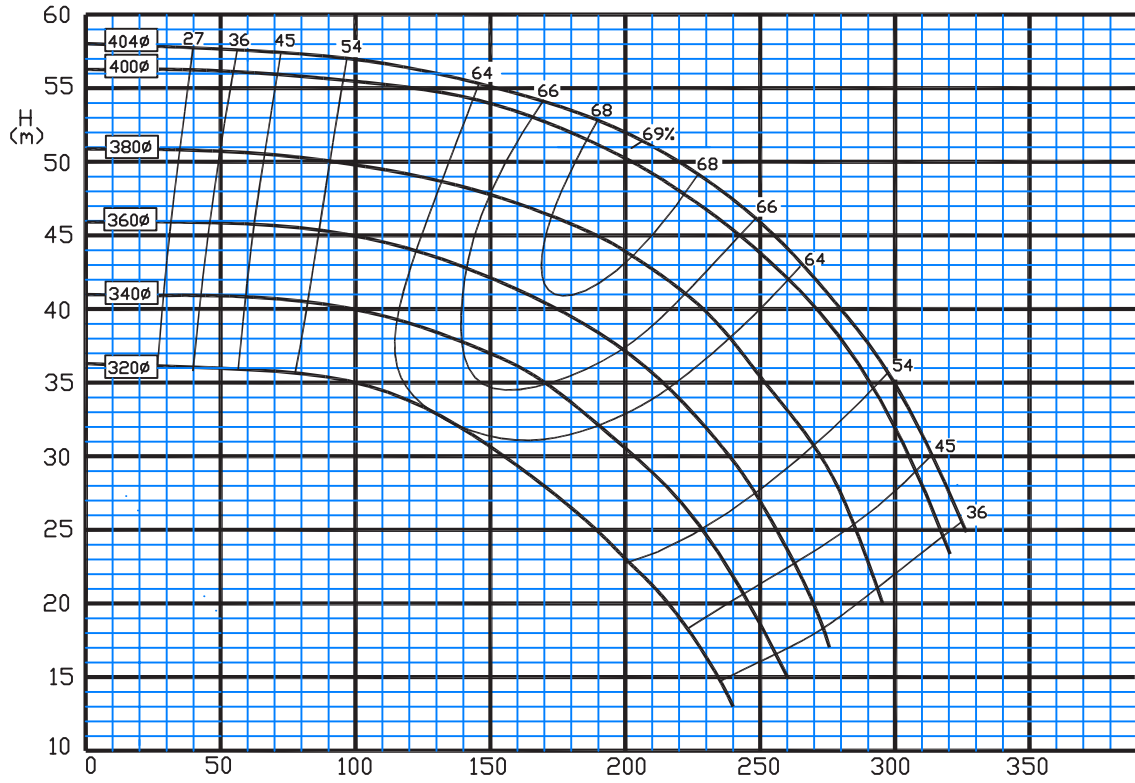
Type: 125-315/C

1450 rpm



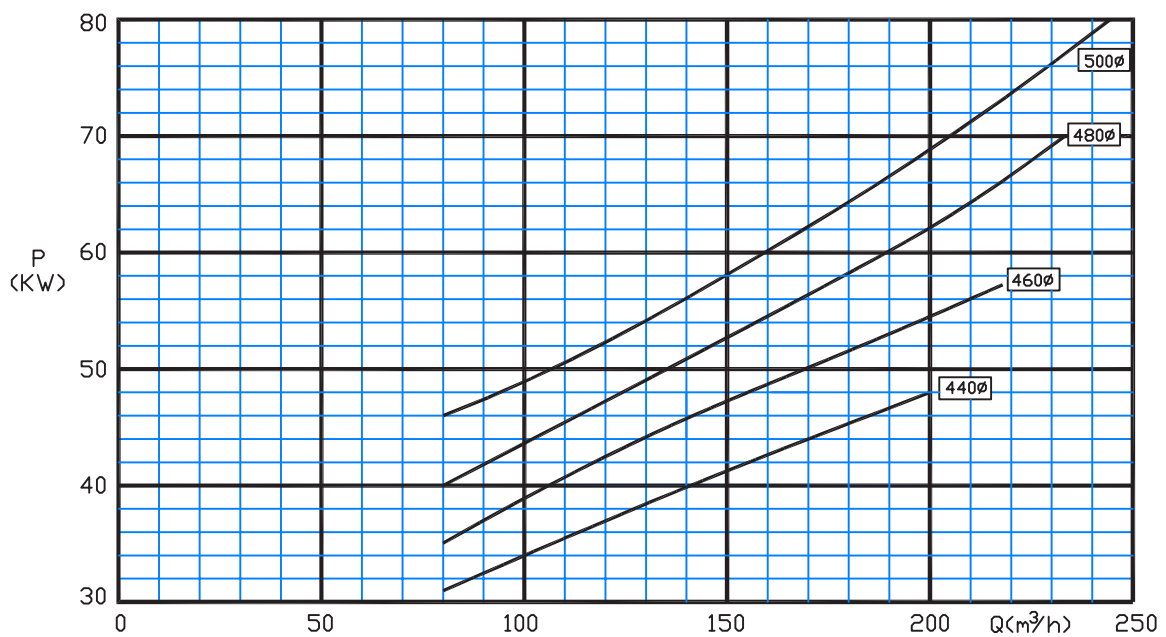
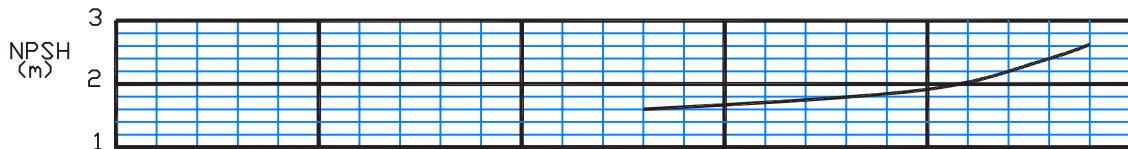
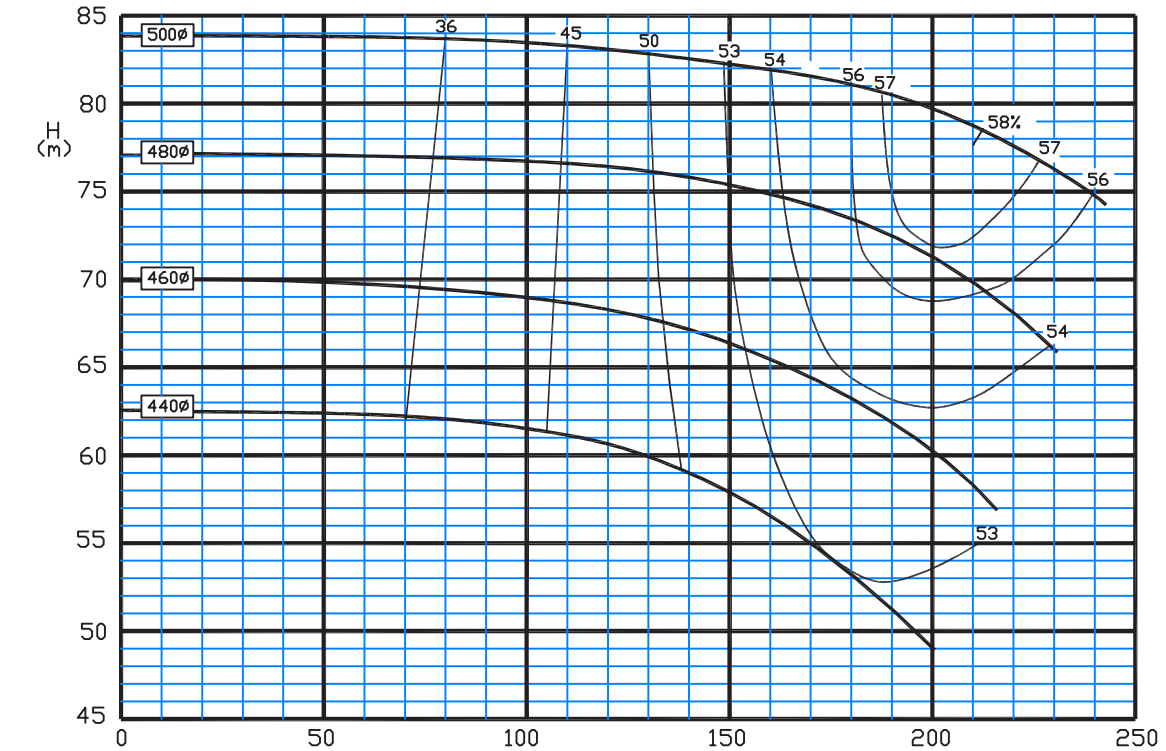
Type: 125-400/C

1450 rpm



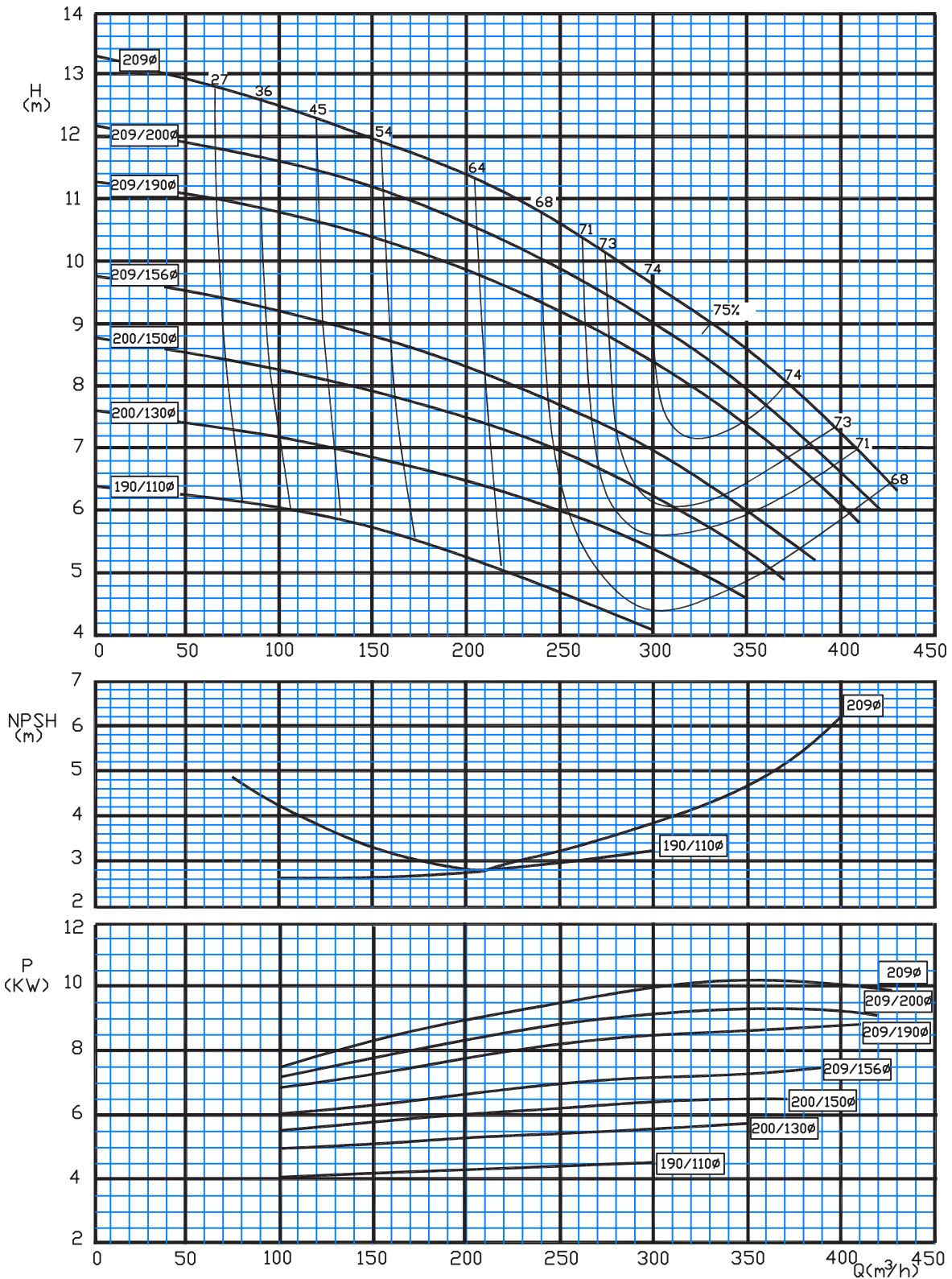
Type: 125-500/C

1450 rpm



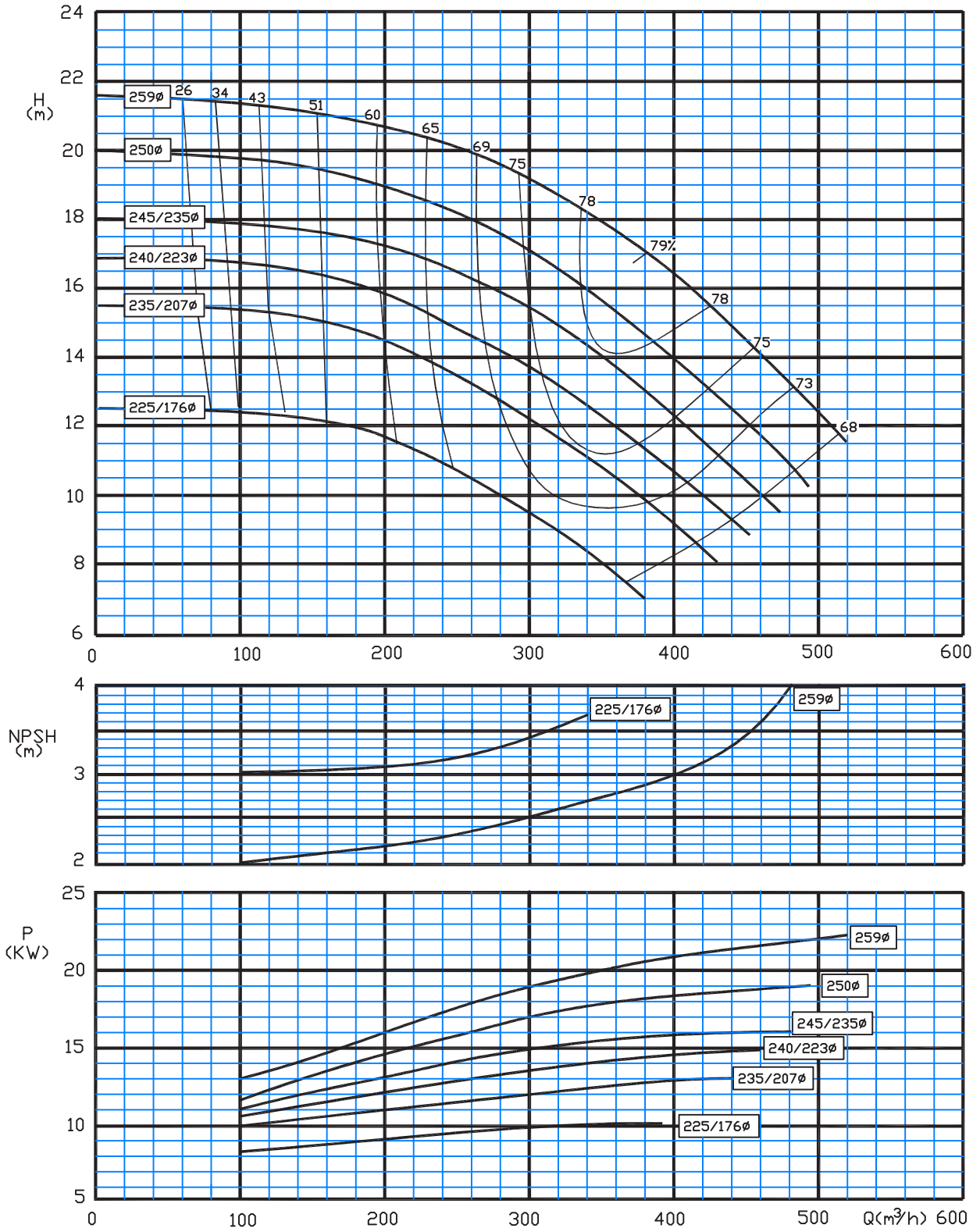
Type: 150-200/C

1450 rpm



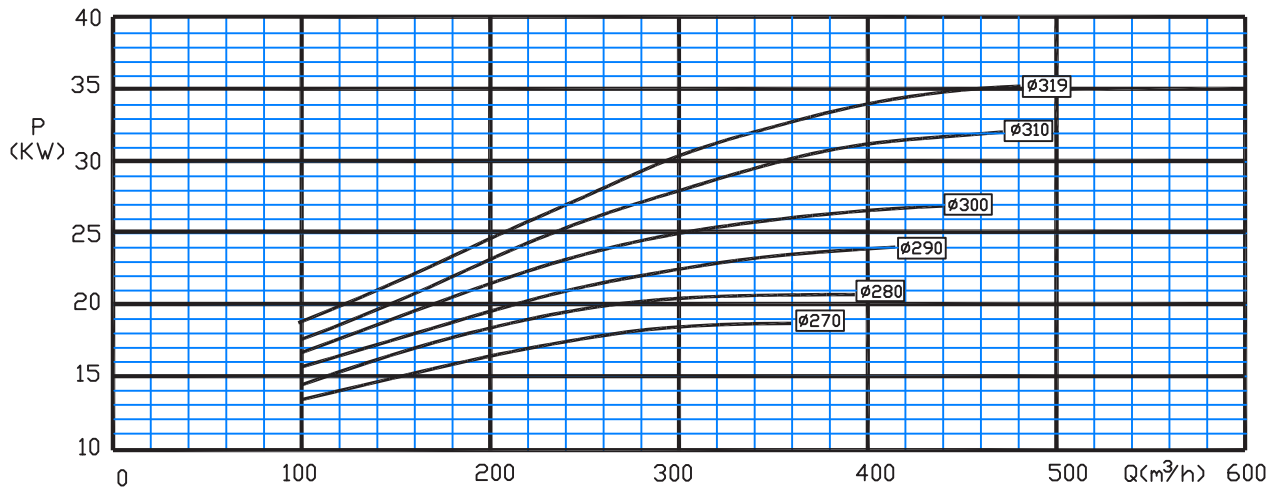
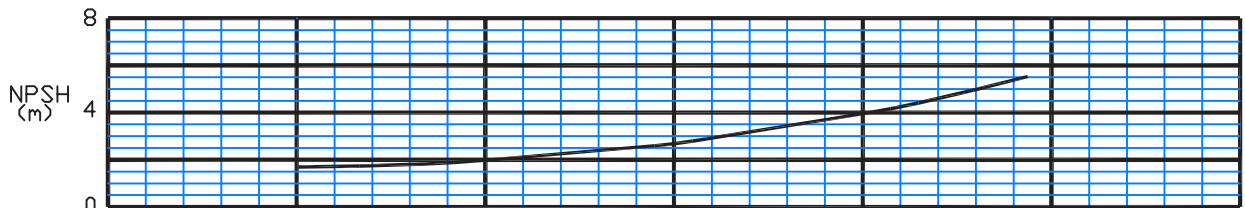
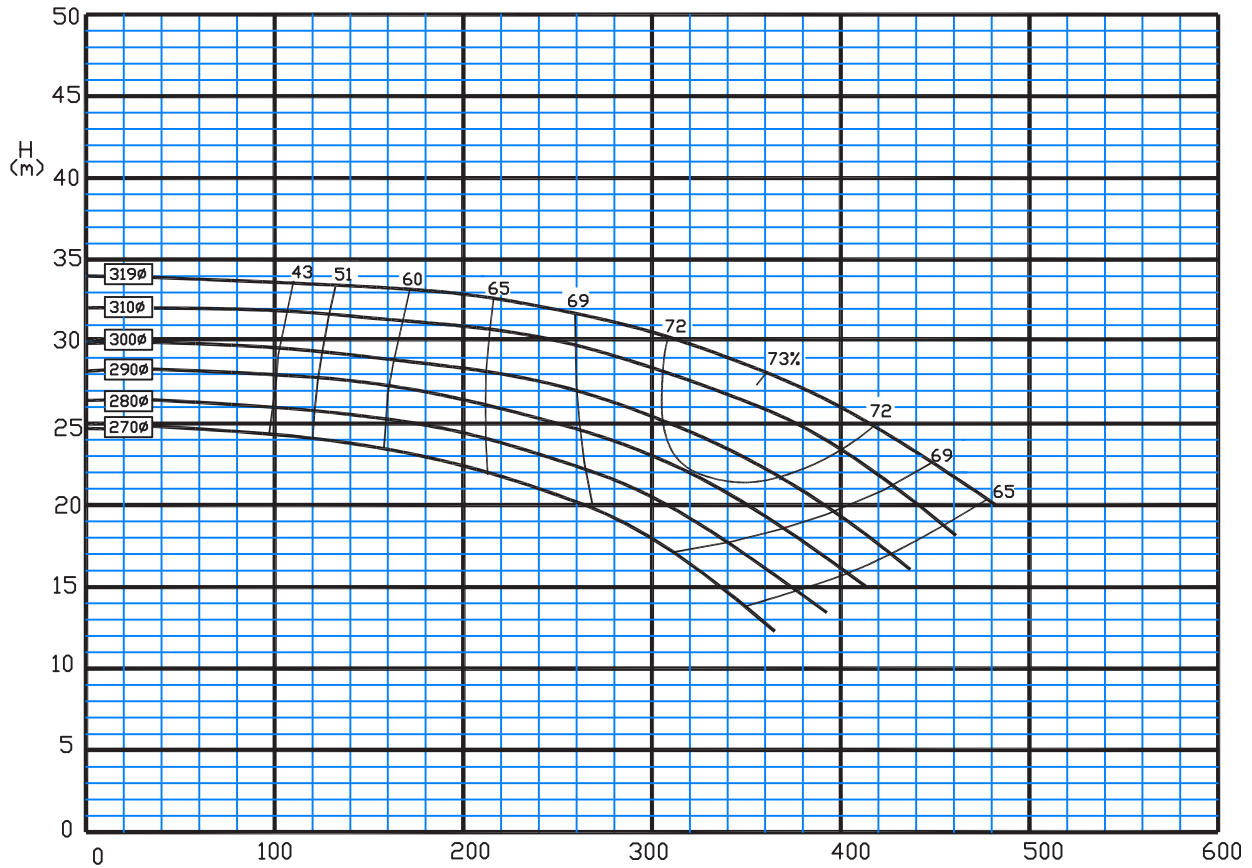
Type: 150-250/C

1450 rpm



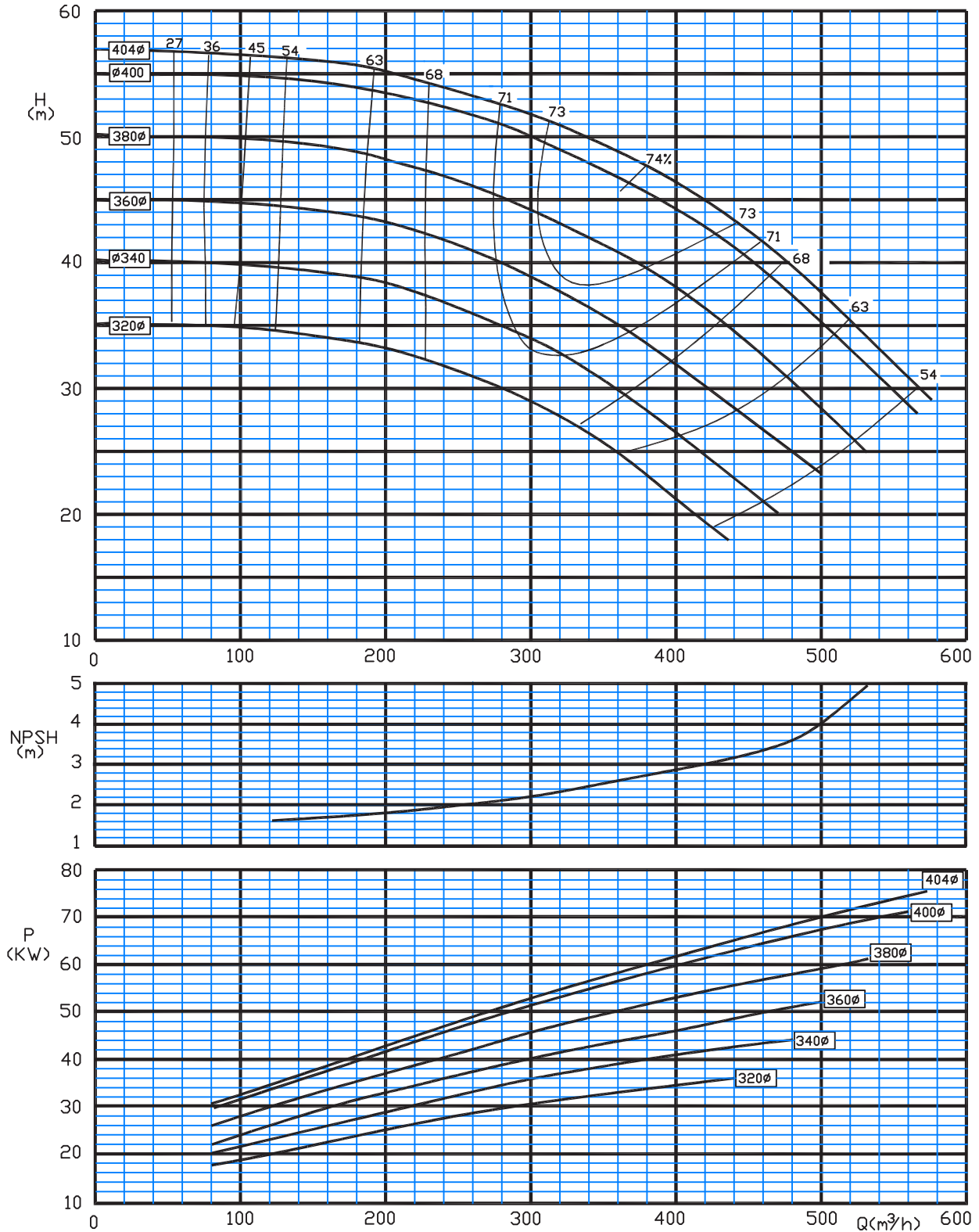
Type: 150-315/C

1450 rpm



Type: 150-400/C

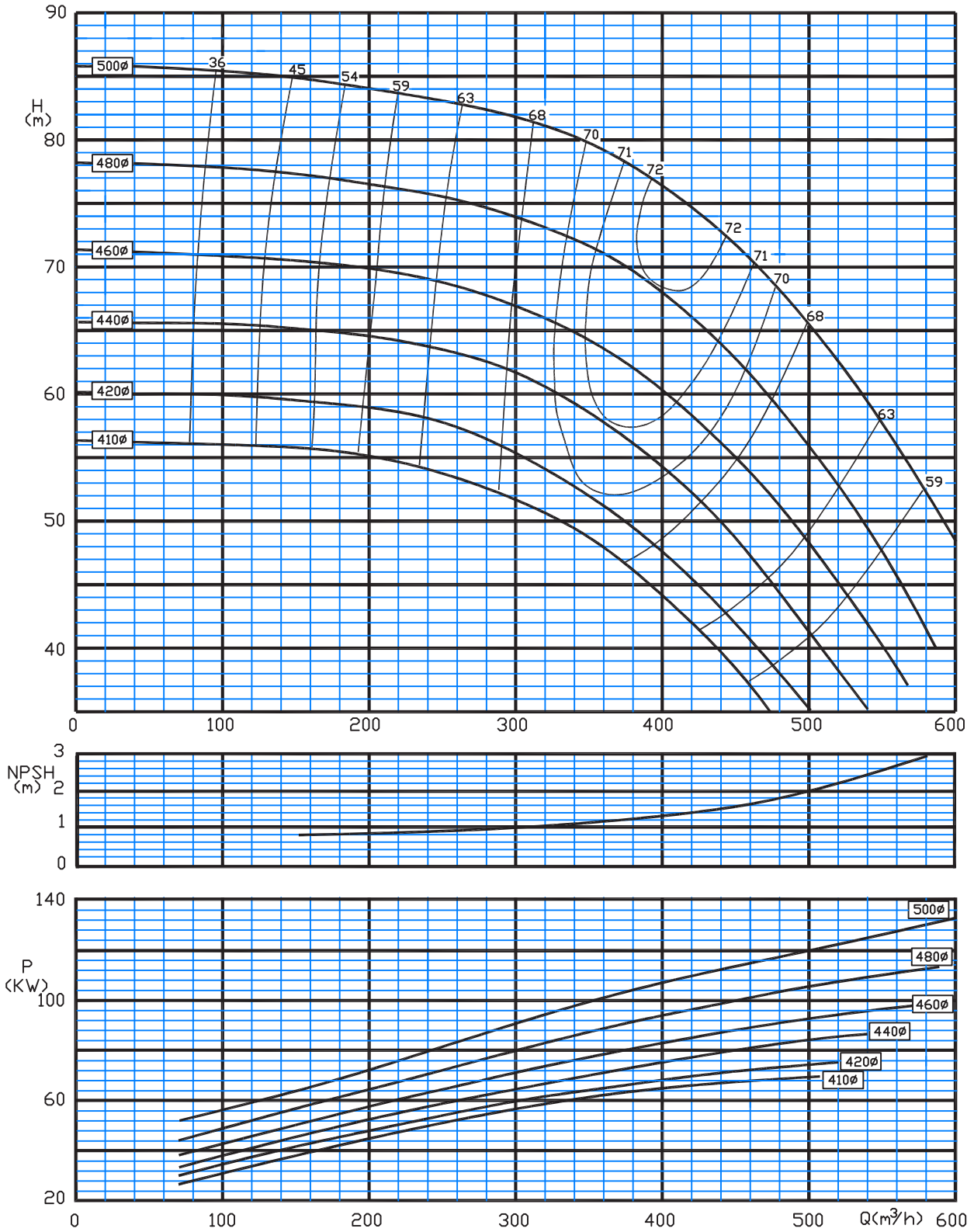
1450 rpm





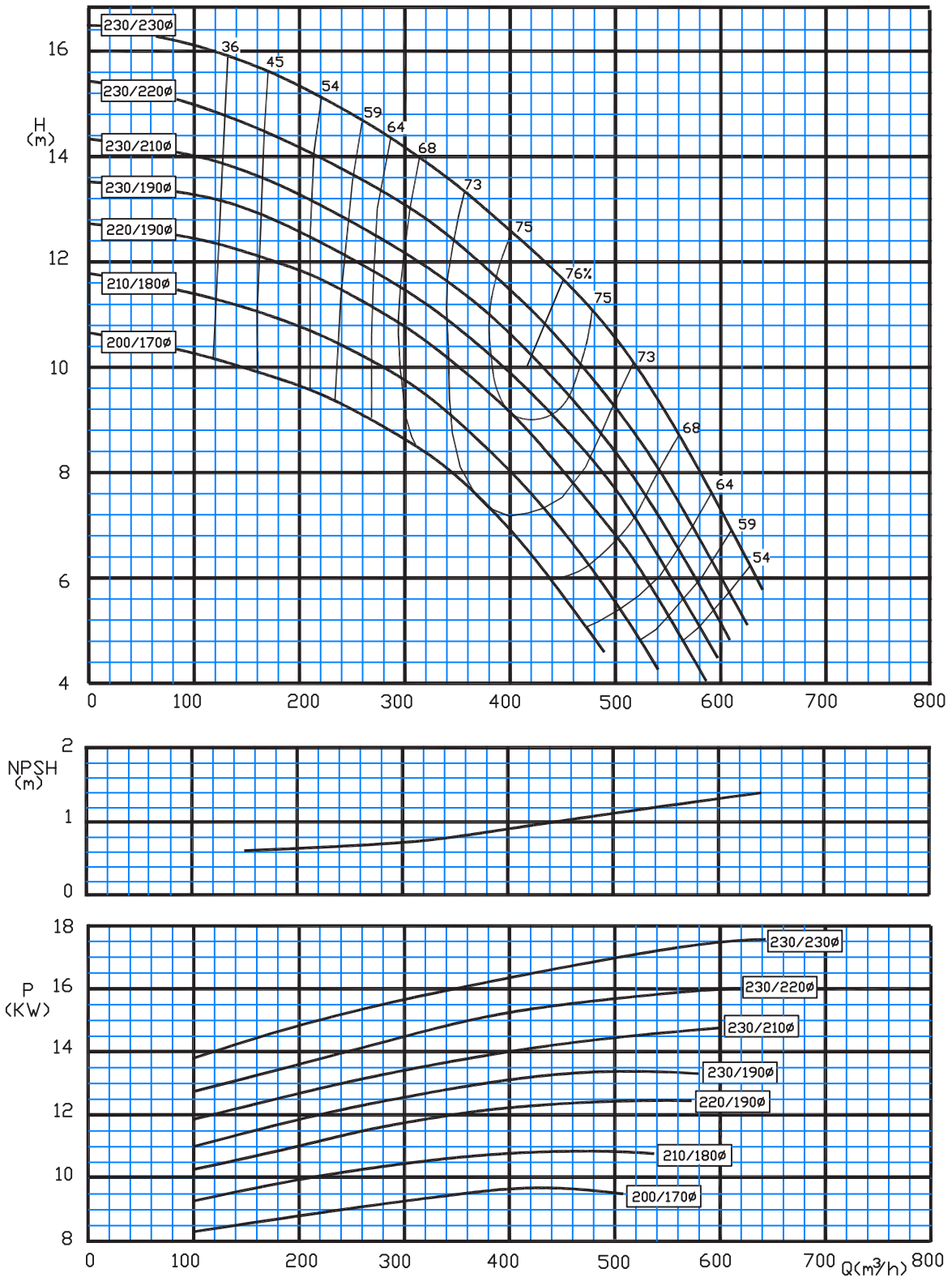
Type: 150-500/C

1450 rpm



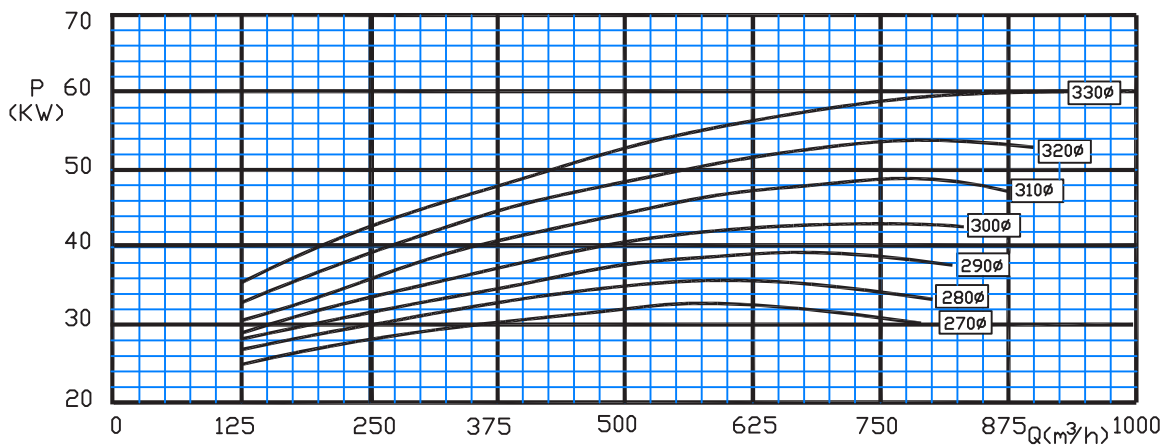
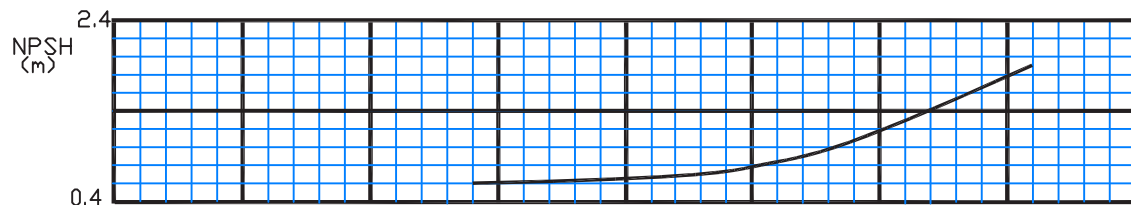
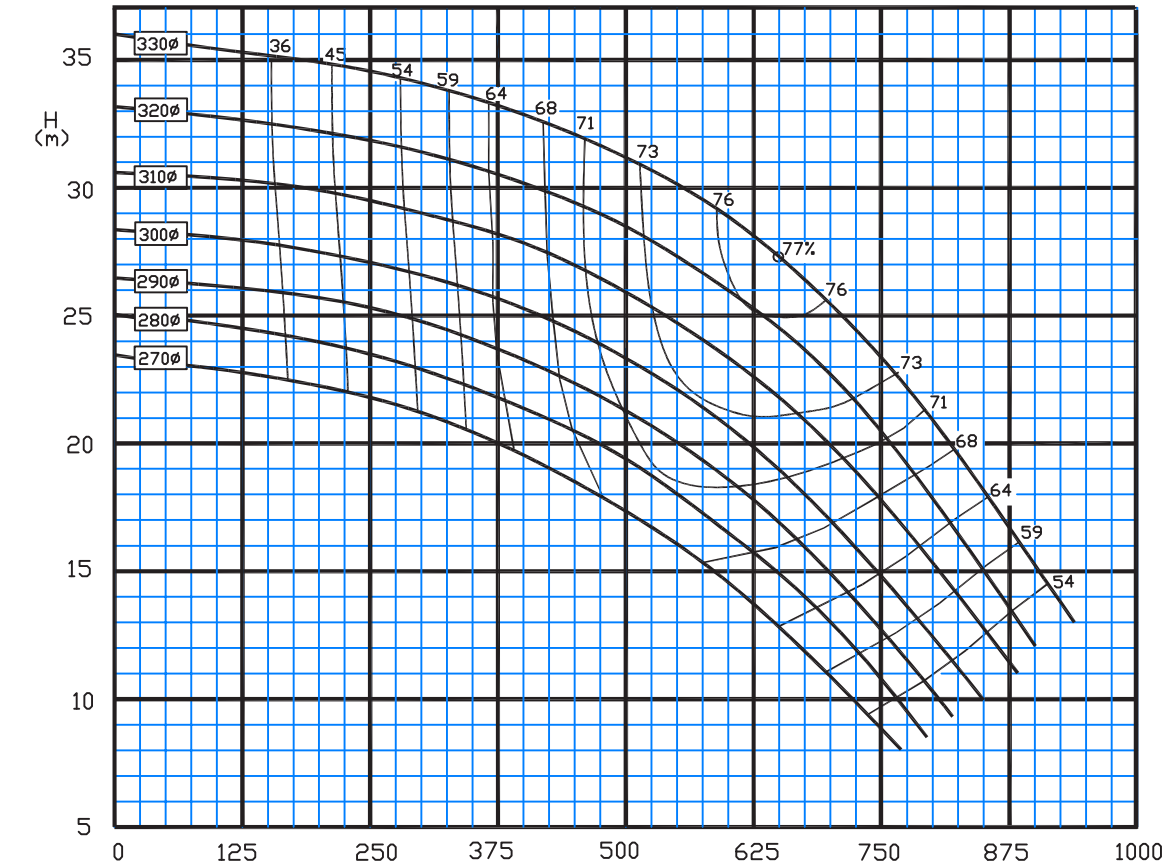
Type: 200-230/C

1450 rpm



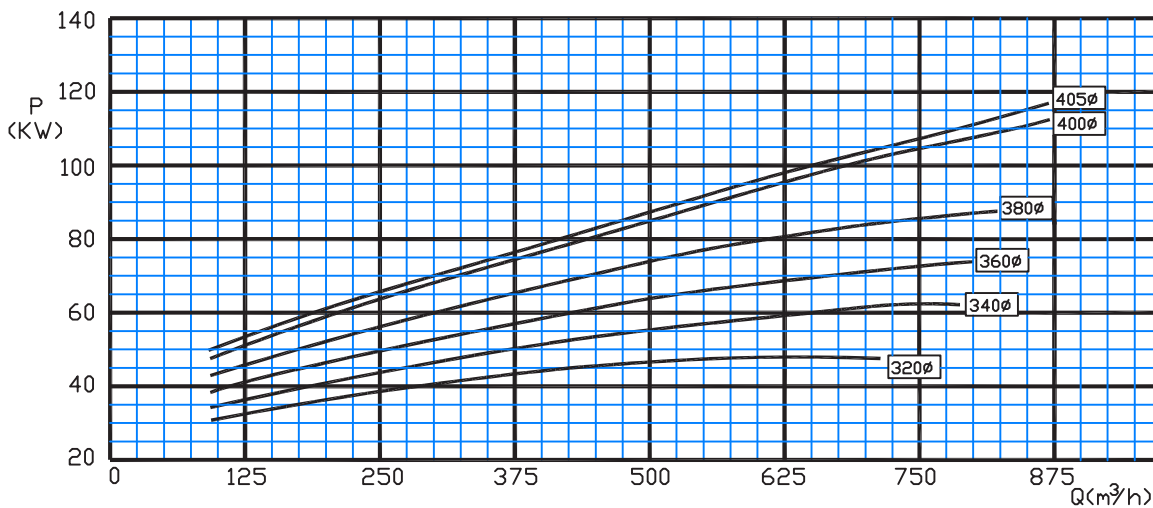
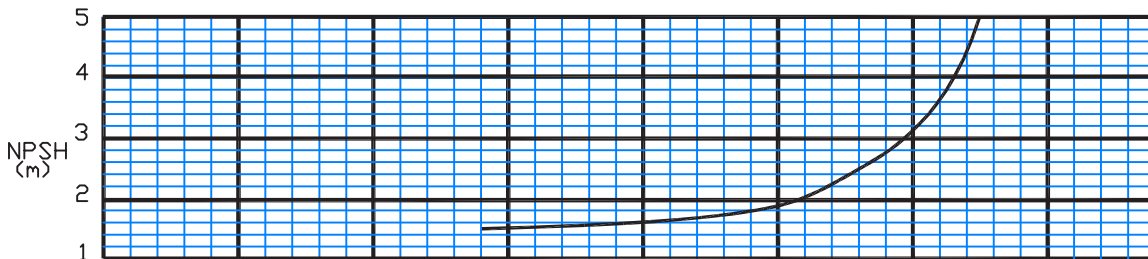
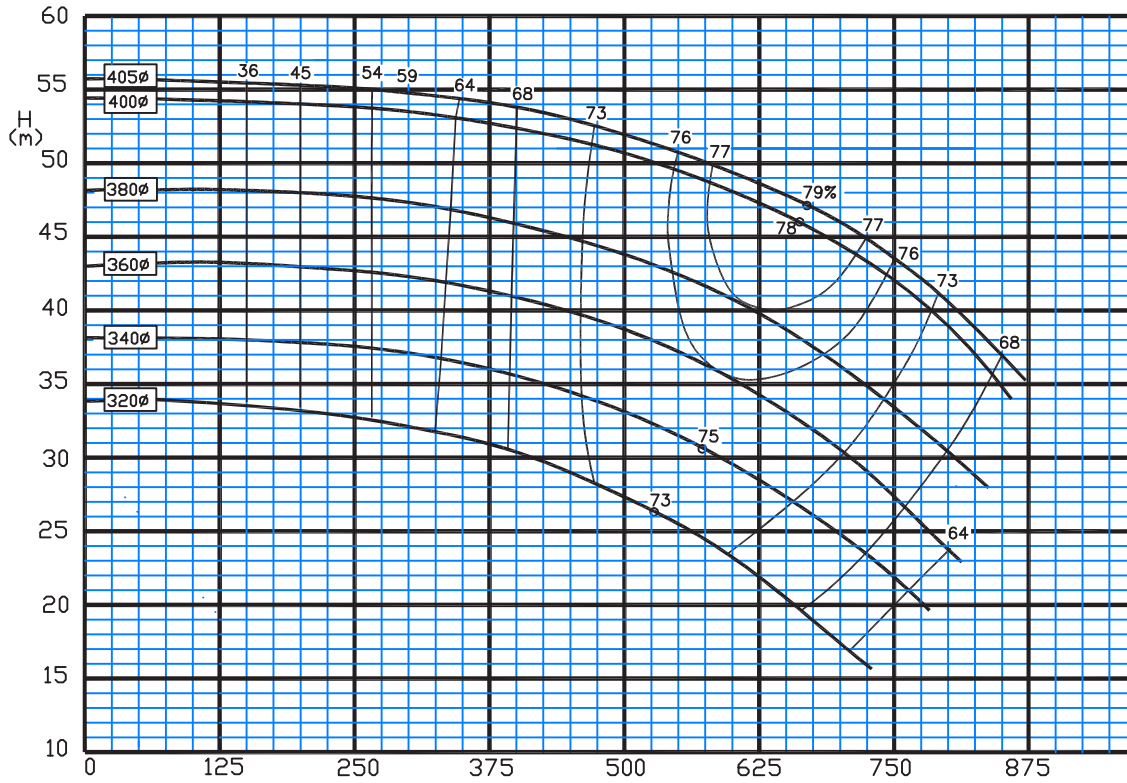
Type: 200-330/C

1450 rpm



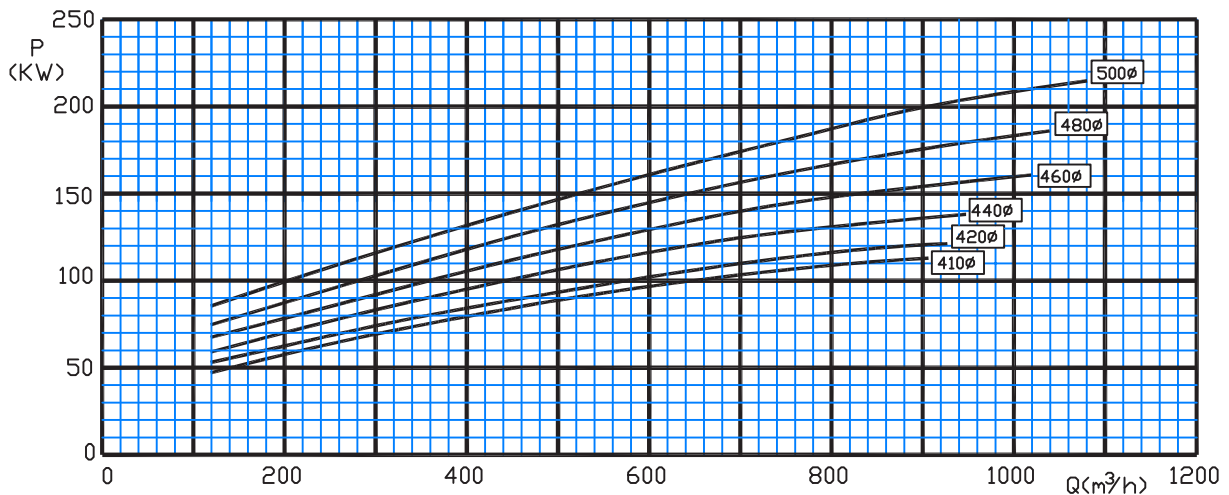
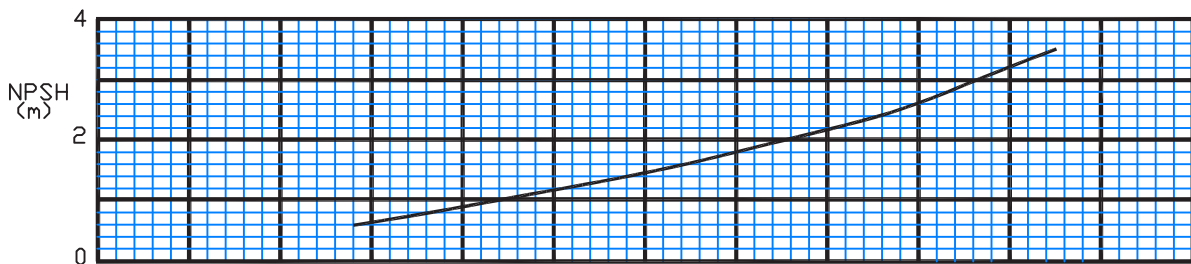
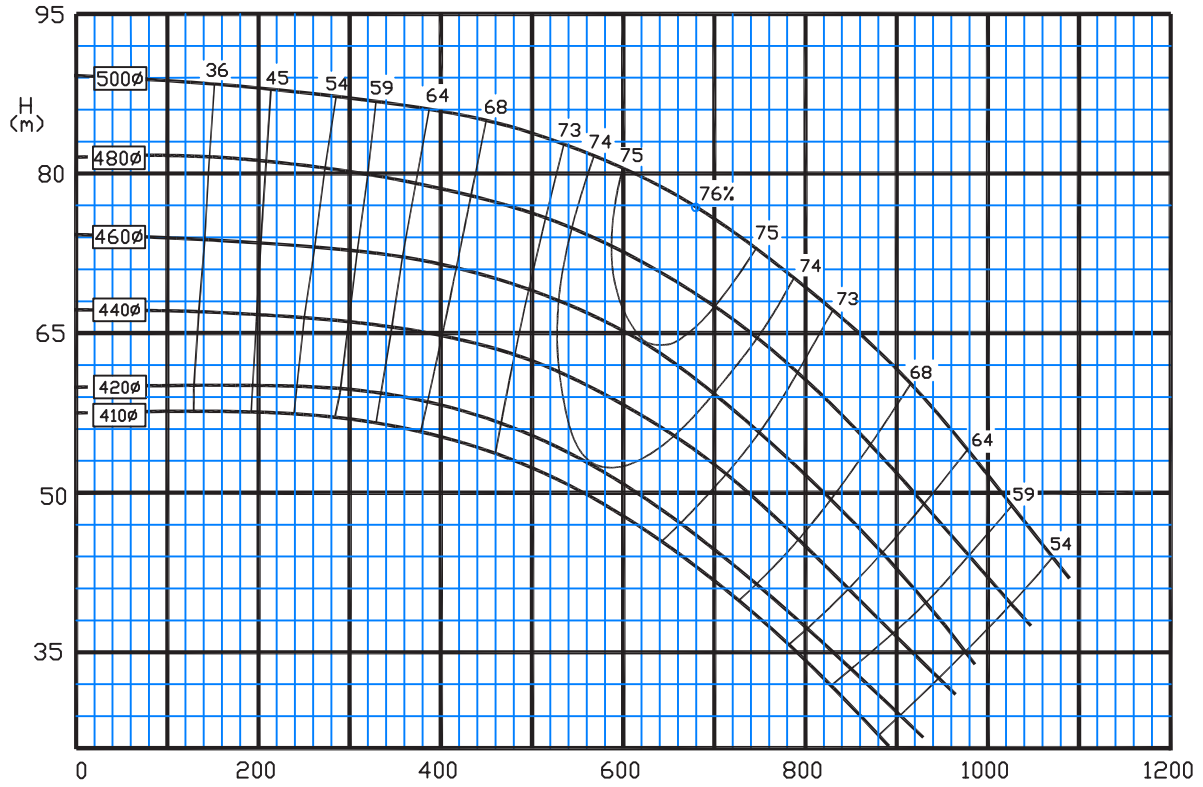
Type: 200-400/C

1450 rpm



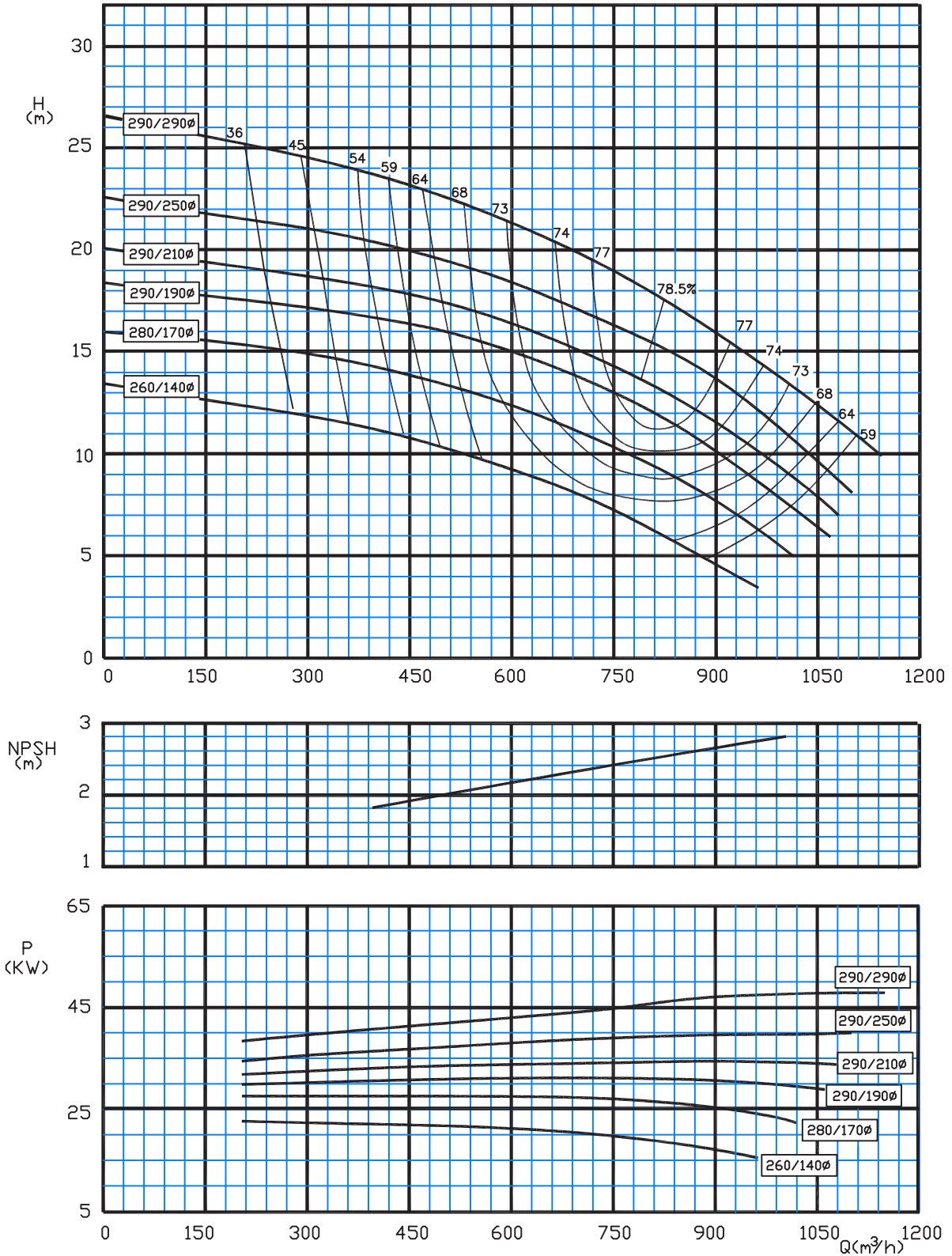
Type: 200-500/C

1450 rpm



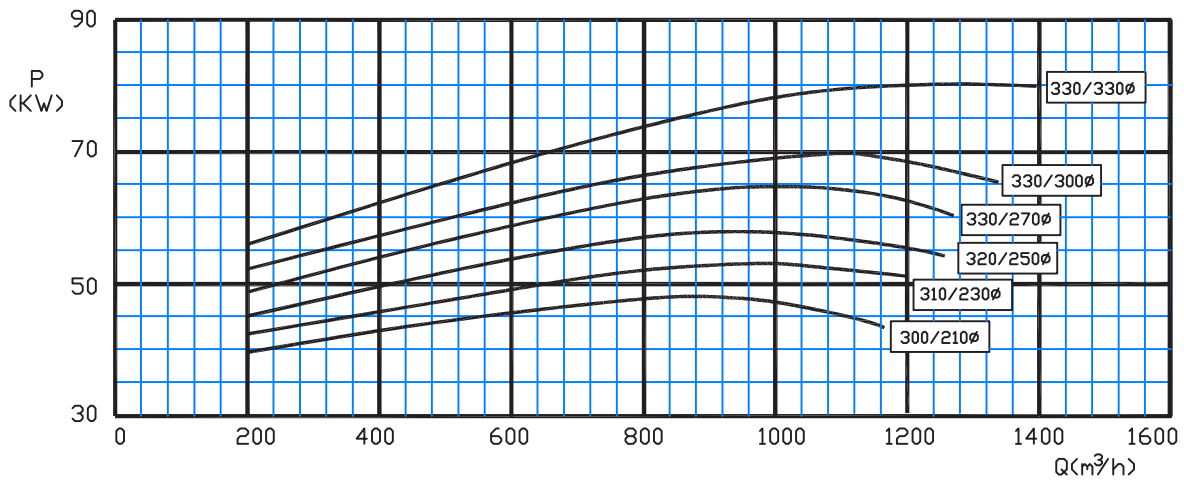
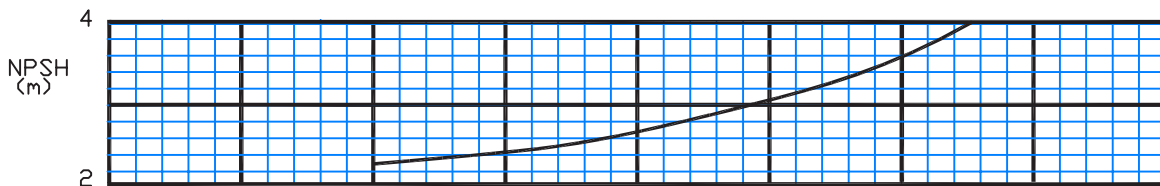
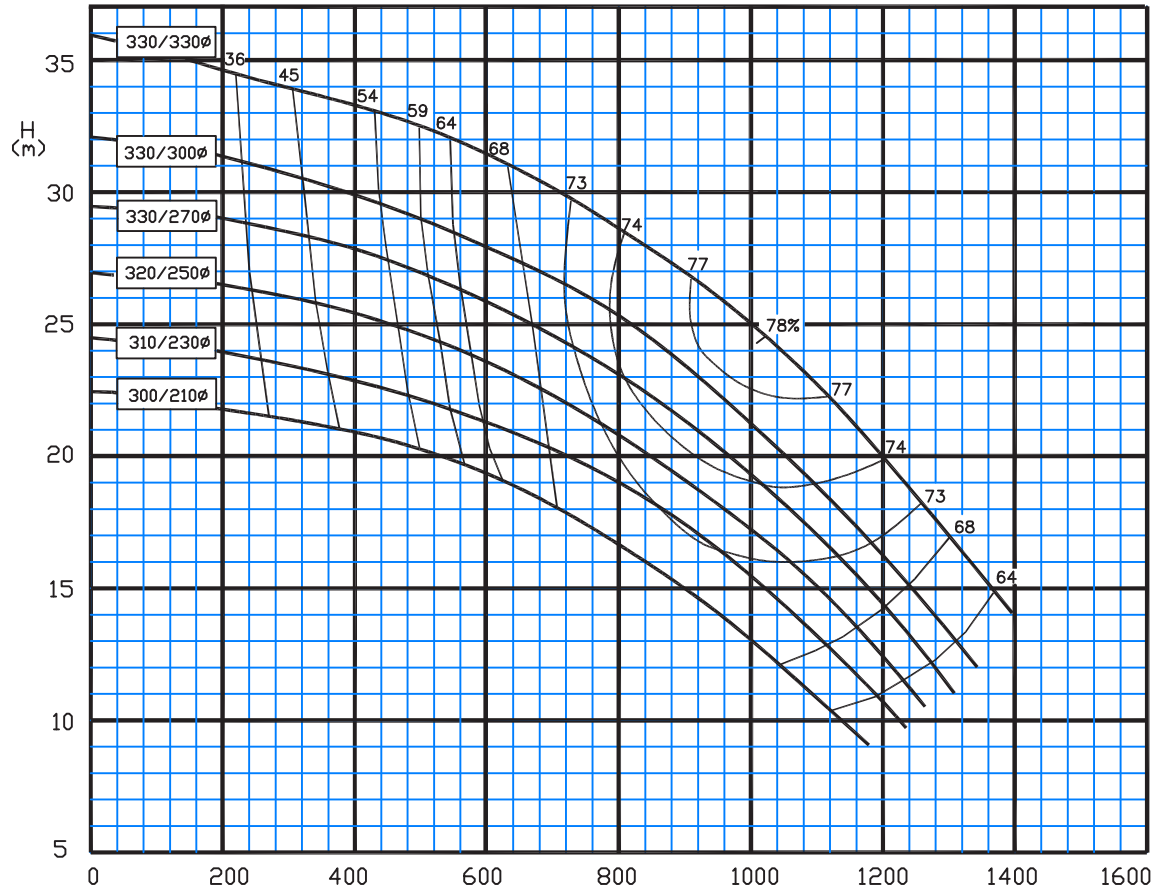
Type: 250-290/C

1450 rpm



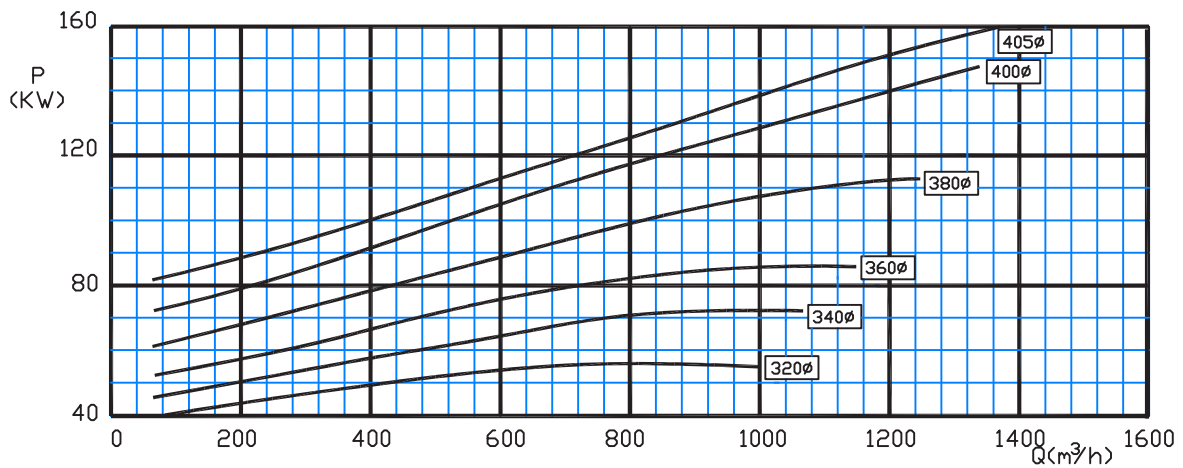
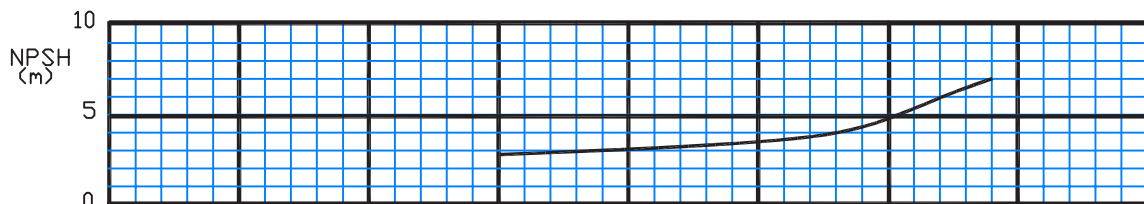
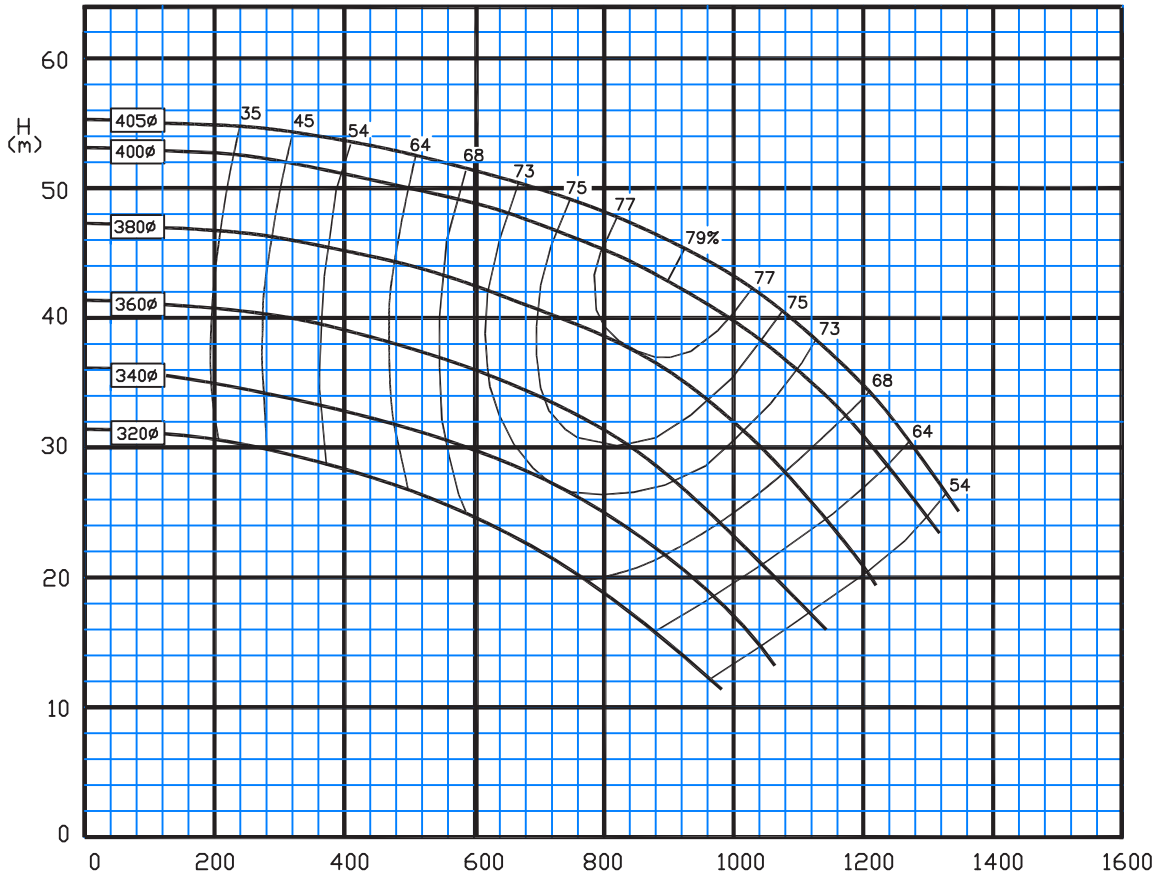
Type: 250-330/C

1450 rpm



Type: 250-400/C

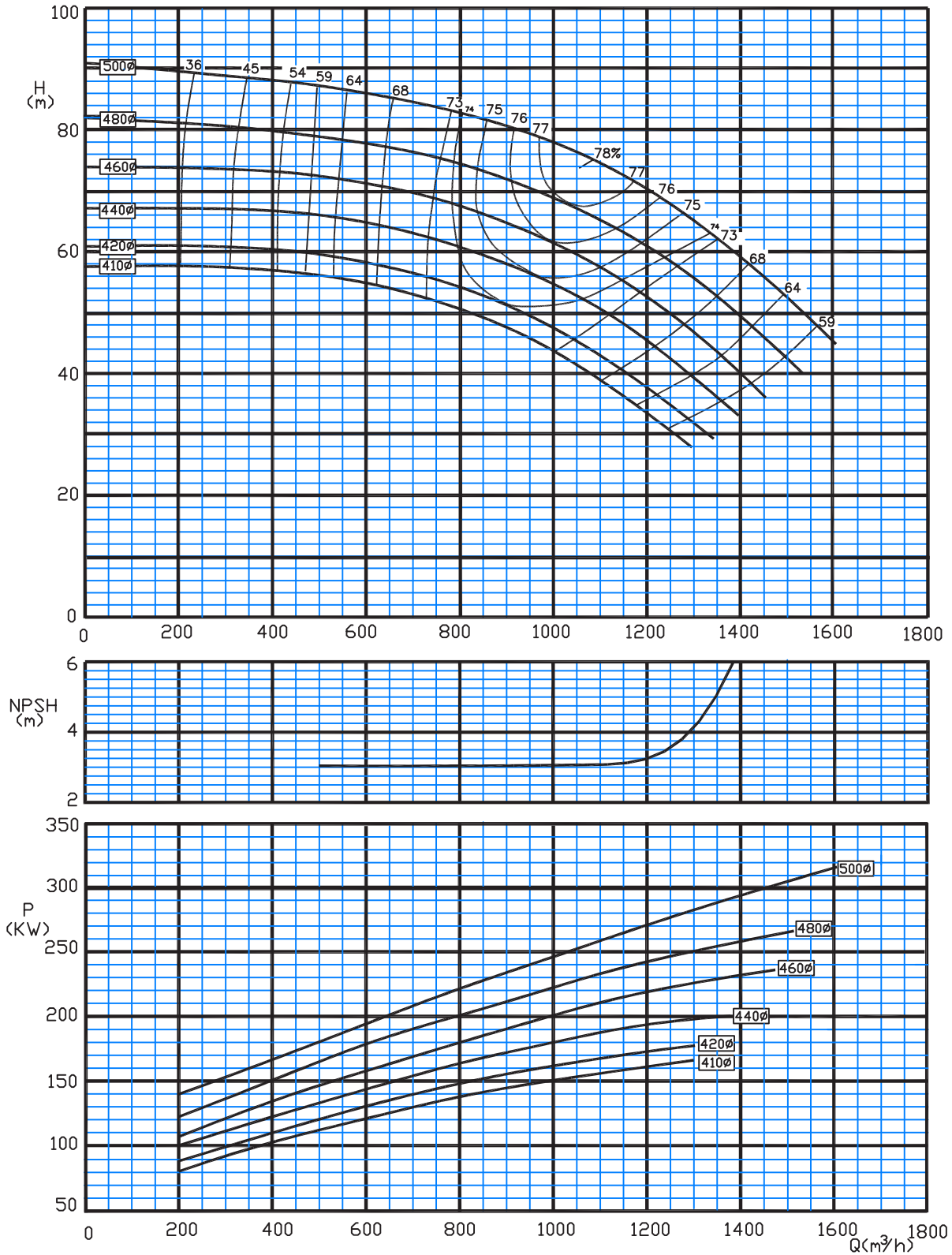
1450 rpm





Type: 250-500/C

1450 rpm



Type: 300-350/C

1450 rpm

