

END SUCTION
WATER PUMPS
KEH Series



MARSHALLING THE POWER OF TECHNOLOGY TO PROVIDE COST EFFECTIVE PUMPING SOLUTIONS

Genvik is one of the emerging leaders in the world with the capability and the resources to provide pumping solutions that are not only cost effective but contributes to better productivity. As a technology oriented company Genvik has made major investments to stay on the cutting edge of pump manufacture. While the focus is on industrial pumps, Genvik has also developed pumping systems for diverse applications.

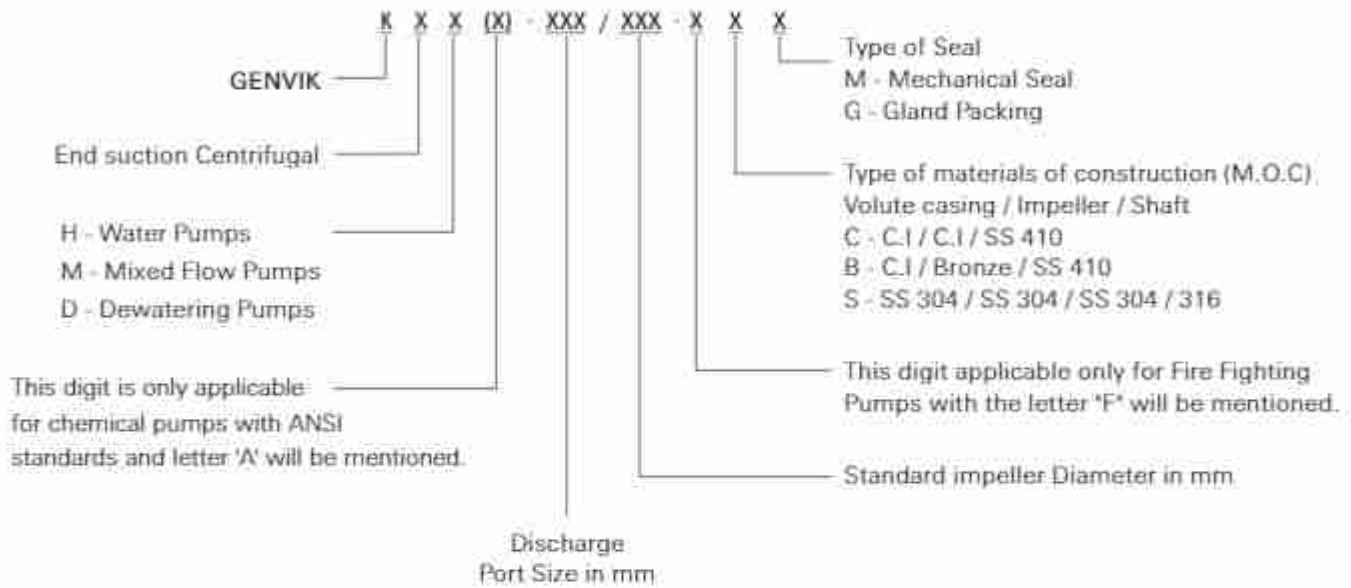
Genvik pumps are manufactured at ISO 9001&14001 facilities, equipped with state of art testing equipments and highly sophisticated machinery. Design and manufacture are carried out under digital environment for zero defect product turn out.

Backed by strong customer service and a willingness to listen to customer perceptions and needs, Genvik is a name to reckon with in the world of pumps.

C O N T E N T S

Model Identification	2
KEH SERIES	
General Information	
MOC, Specifications, Features & Applications	3
Group Performance Curves	4-5
Bare Pump Dimensions	6
Overall Dimensions	7
Cross Sectional Drawing	8
Stuffing Box Details, Flange Dimensions & Types of Sealing	9
Performance curves	10
KEM SERIES	
General Information	
Specifications, Features & Applications	61
MOC & Technical Data	62
Cross Sectional Drawings	63-64
Overall Dimensional Drawings & Performance curves	65

MODEL IDENTIFICATION



General Notes :

- Performance curves are as per specific gravity and viscosity of water.
- Curve tolerance according to ISO 9906 : 2012 Table 8 - 2B.
- For Safety consider a margin of 0.5m higher of NPSH.
- The Given details / drawings / specifications are subject to change without prior notice.



MATERIALS OF CONSTRUCTION

PUMP PARTS	TYPE - C	TYPE - B	TYPE - S
Pump casing	Cast Iron	Cast Iron	CF 8
Impeller	Cast Iron	Bronze - LTB2	CF 8
Shaft	SS 410	SS 410	SS 304 / 316
Sleeve	SS 410	SS 410	SS 410

Shaft	SS 316
Sleeve	EN8 / SS 316 / SS 304
Wear Ring	Bronze - LTB4

* On request we can supply.

SPECIFICATIONS

Outlet size range	: DN32 to DN150mm
Flow range	: Upto 600 m ³ /h
Total Head range	: Upto 160m
Max. Operating temperature	: 140°C
Max. working pressure	: 16 bar

FEATURES

Designed to allow interchangeability of their component between all individual pump sizes.
Minimizes shaft deflection maximizes bearing and mechanical seal life.
Heavy duty bearing ensures long life.
Back pull out design.
Dimensions and characteristics conforming to ISO 2858 standards.
Available both in mechanical seal and soft packed stuffing box design.

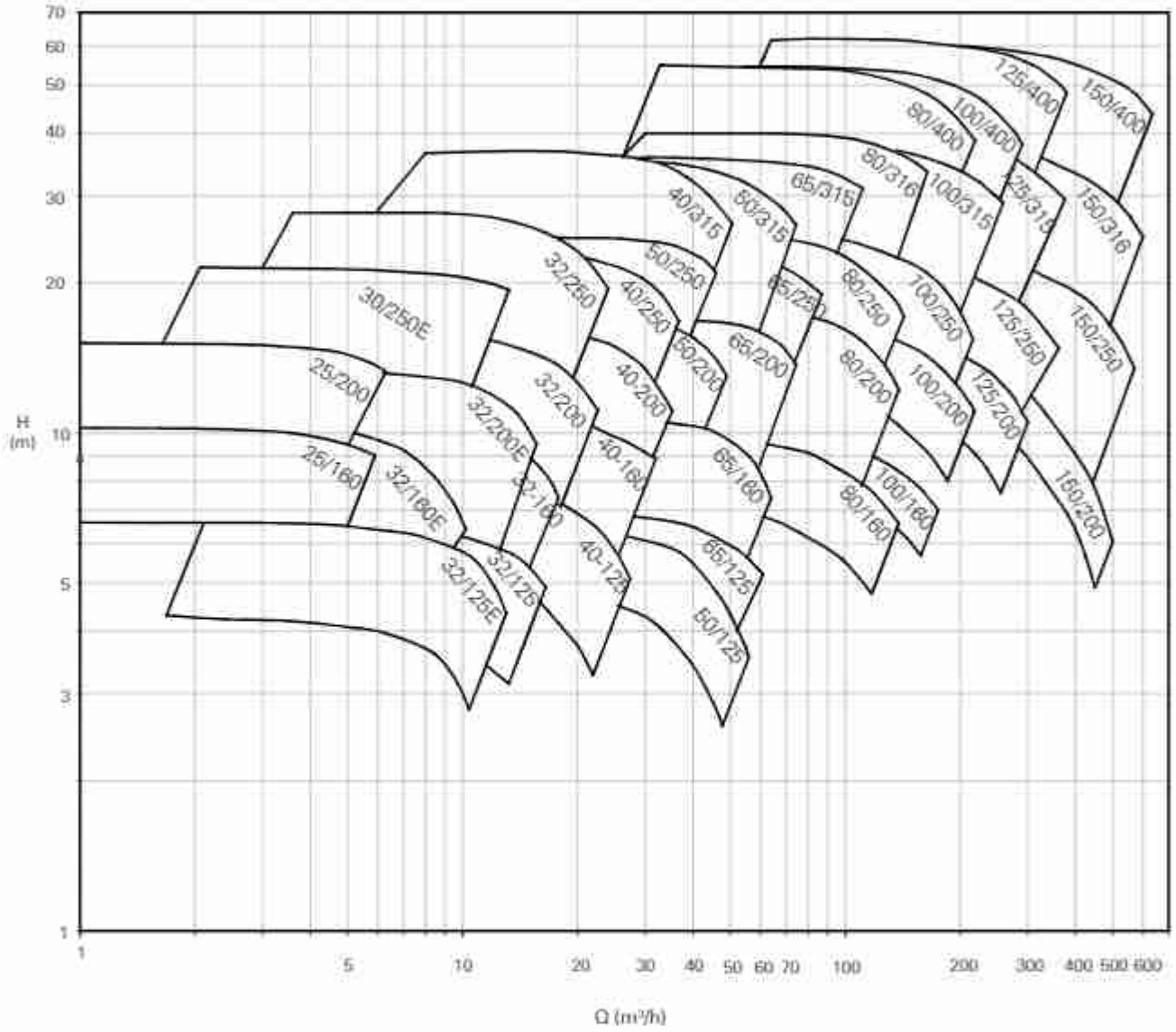
APPLICATIONS

Water supply systems.
Irrigation systems.
Pressure boosting systems.
Fire fighting systems.
Heating ventilation and air conditioning systems.
Circulation and transfer of clean, chemically non-aggressive water and other liquids.
General utility services in industries.

The Given details / drawings / specifications are subject to change without prior notice.

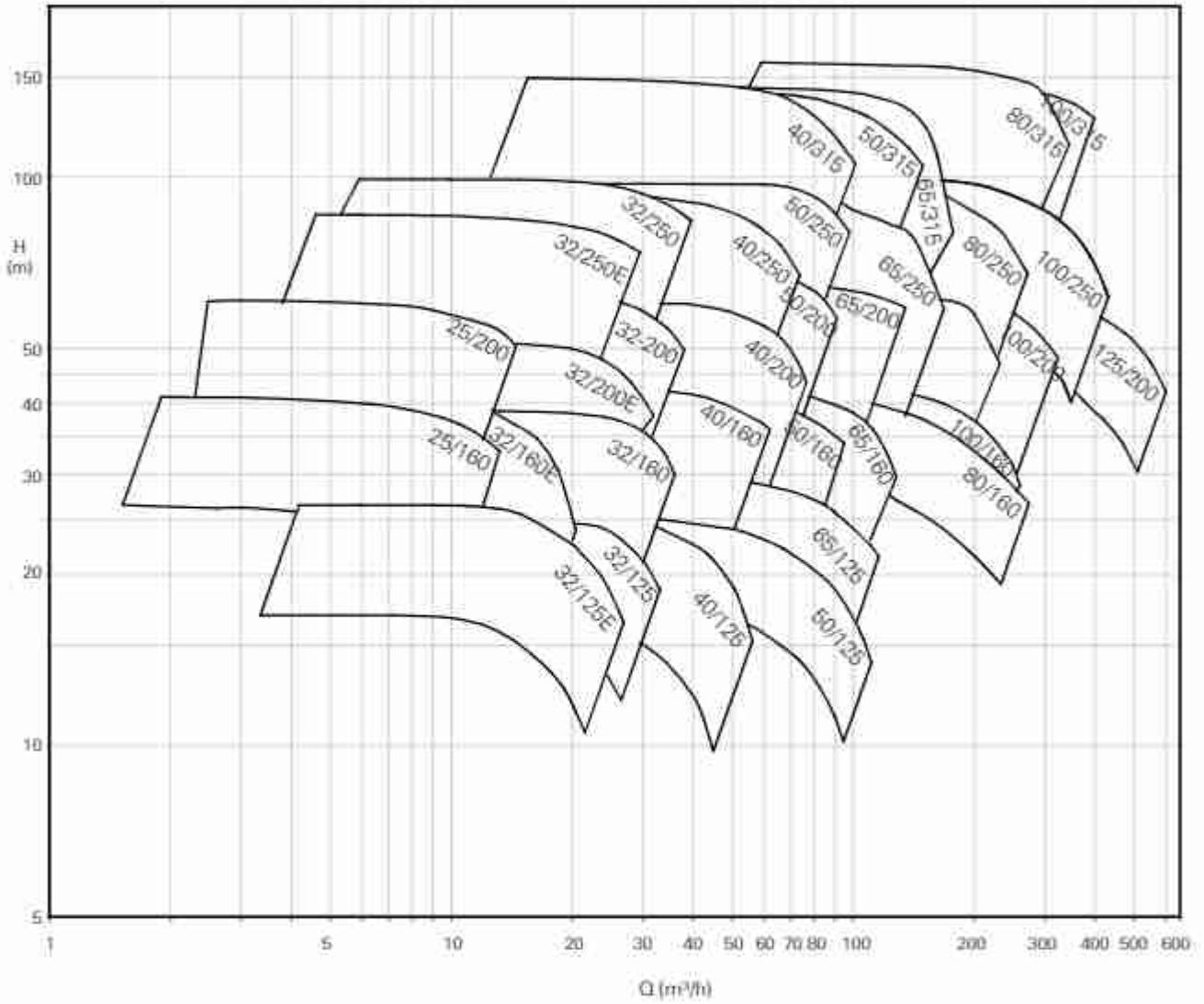
GROUP CURVE PERFORMANCE

Speed - 1450 rpm



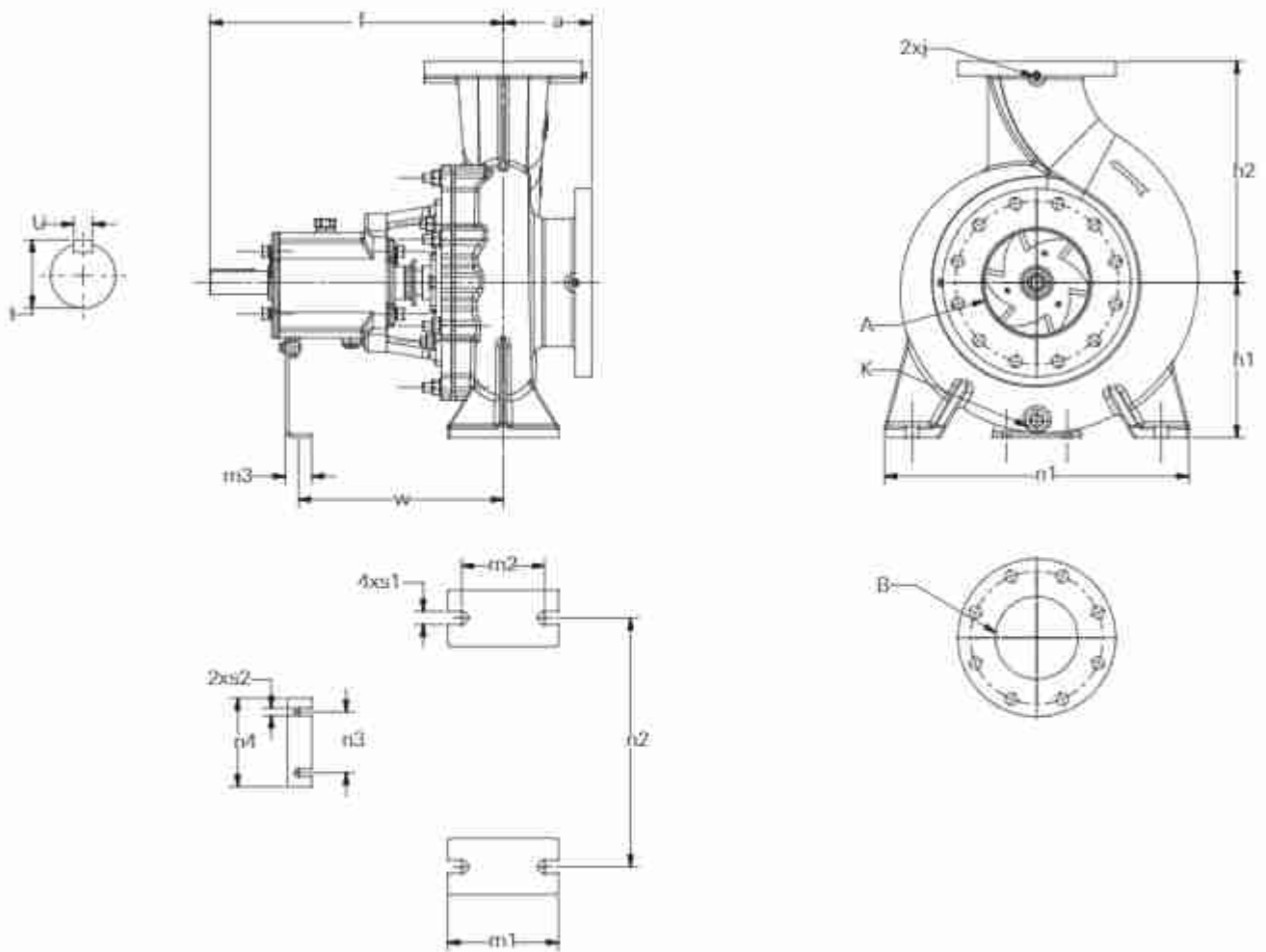
GROUP CURVE PERFORMANCE

Speed - 2900 rpm



END SUCTION WATER PUMPS

BARE PUMP DIMENSIONS



Note :- Pump with impeller outer diameter above 250mm at 2900rpm is not recommended. On specific demand, pump can be supplied with strengthened shaft and bearing to run at 2900rpm.

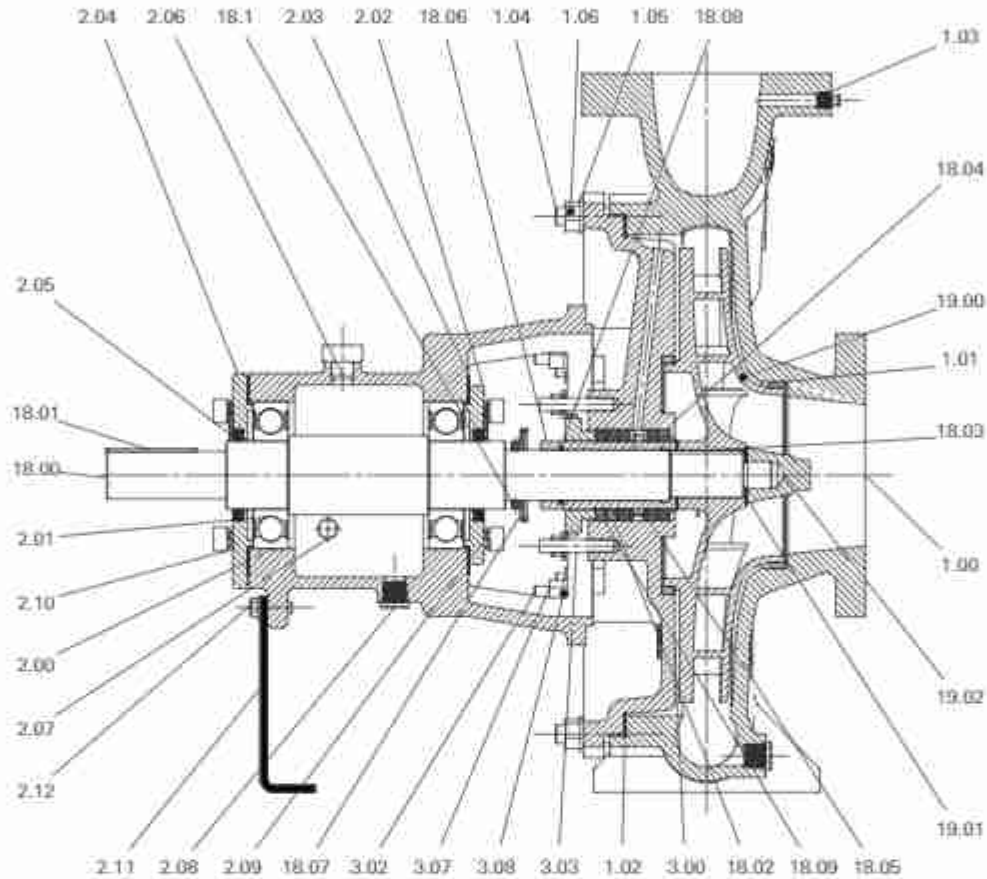
OVERALL DIMENSIONS

PUMP SIZE	SUC. ØA	DEL. ØB	MAX. SPHERE SIZE	PUMP					PUMP MOUNTING DIMENSIONS											SHAFT END					PUMP WEIGHT (kg)	
				#	f	h1	h2	i	k	m1	m2	m3	b	n1	n2	n3	n4	s1	s2	w	i	Ød	u	T		x
32/125E	50	32	8	80	360	112	140	G1/8"	G1/4"	100	70	48	50	190	140	110	160	14	14	260	50	24	8	25.6	100	28
32/125	50	32	11	80	360	112	140	G1/8"	G1/4"	100	70	48	50	190	140	110	160	14	14	260	50	24	8	25.6	100	28
40/125	65	40	14	80	360	112	140	G1/8"	G1/4"	100	70	48	50	210	160	110	160	14	14	260	50	24	8	25.6	100	30
50/125	65	50	16	100	360	132	160	G1/8"	G1/4"	100	70	48	50	240	190	110	160	14	14	260	50	24	8	25.6	100	32
65/125	80	65	11	100	360	160	180	G1/8"	G1/4"	125	95	48	65	280	212	110	160	14	14	260	50	24	8	25.6	100	35.5
25/160	40	25	4	80	360	132	160	G1/8"	G1/4"	100	70	48	50	240	190	110	160	14	14	260	50	24	8	25.6	100	32
32/160	50	32	5	80	360	132	160	G1/8"	G1/4"	100	70	48	50	240	190	110	160	14	14	260	50	24	8	25.6	100	34
32/160E	50	32	6.5	80	360	132	160	G1/8"	G1/4"	100	70	48	50	240	190	110	160	14	14	260	50	24	8	25.6	100	33
40/160	65	40	13	80	360	132	160	G1/8"	G1/4"	100	70	48	50	240	190	110	160	14	14	260	50	24	8	25.6	100	35
50/160	65	50	18	100	360	160	180	G1/8"	G1/4"	100	70	48	50	265	212	110	160	14	14	260	50	24	8	25.6	100	37
65/160	80	65	23	100	360	160	200	G1/8"	G1/4"	125	95	48	65	280	212	110	160	14	14	260	50	24	8	25.6	100	35
80/160	100	80	32	125	360	180	225	G1/4"	G3/8"	125	95	48	65	320	250	110	160	14	14	260	50	24	8	25.6	140	41
25/200	40	25	4	80	360	160	180	G1/8"	G1/4"	100	70	48	50	240	190	110	160	14	14	260	50	24	8	25.6	100	37
32/200E	50	32	5	80	360	160	180	G1/8"	G1/4"	100	70	48	50	240	190	110	160	14	14	260	50	24	8	25.6	100	38
32/200	50	32	5	80	360	160	180	G1/8"	G1/4"	100	70	48	50	240	190	110	160	14	14	260	50	24	8	25.6	100	39
40/200	65	40	5	100	360	160	180	G1/4"	G3/8"	100	70	48	50	265	212	110	160	14	14	260	50	24	8	25.6	100	43
50/200	65	50	16	100	360	160	200	G1/4"	G3/8"	100	70	48	50	265	212	110	160	14	14	260	50	24	8	25.6	100	44
65/200	80	65	23	100	360	180	225	G1/4"	G3/8"	125	95	48	65	320	250	110	160	14	14	260	50	24	8	25.6	140	47
32/250	50	32	5.5	100	360	180	225	G1/4"	G3/8"	125	95	48	65	320	250	110	160	14	14	260	50	24	8	25.6	100	57
32/250E	50	32	5	100	360	180	225	G1/4"	G3/8"	125	95	48	65	320	250	110	160	14	14	260	50	24	8	25.6	100	56
40/250	65	40	9	100	360	180	225	G1/4"	G3/8"	125	95	48	65	320	250	110	160	14	14	260	50	24	8	25.6	100	57
50/250	65	50	12	100	360	180	225	G1/4"	G3/8"	125	95	48	65	320	250	110	160	14	14	260	50	24	8	25.6	100	59
100/160	125	100	16	125	470	200	280	G1/4"	G3/8"	160	120	48	80	360	280	110	160	19	14	296	102	32	10	34	140	69
80/200	100	80	24	125	470	180	250	G1/4"	G3/8"	125	95	48	65	345	280	110	160	19	14	296	102	32	10	34	140	72
100/200	125	100	30	125	470	200	280	G1/4"	G3/8"	160	120	48	80	360	280	110	160	19	14	296	102	32	10	34	140	81
125/200	150	125	38	140	470	250	315	G1/4"	G1/2"	160	120	48	80	400	315	110	160	19	14	296	102	32	10	34	140	93
150/200	200	125	52	160	470	280	400	G1/4"	G1/2"	200	150	48	100	550	450	110	160	24	14	296	102	32	10	34	140	112
65/250	80	65	8	100	470	200	250	G1/4"	G3/8"	160	120	48	80	360	280	110	160	19	14	296	102	32	10	34	140	79
80/250	100	80	10	125	470	200	280	G1/4"	G3/8"	160	120	48	80	400	315	110	160	19	14	296	102	32	10	34	140	86
100/250	125	100	15	140	470	225	280	G1/4"	G1/2"	160	120	48	80	400	315	110	160	19	14	296	102	32	10	34	140	95
125/250	150	125	22	140	470	250	355	G1/4"	G1/2"	160	120	48	80	400	315	110	160	19	14	296	102	32	10	34	140	96
150/250	200	150	28	160	470	280	400	G1/4"	G1/2"	200	150	48	100	500	400	110	160	24	14	296	102	32	10	34	140	120
40/315	65	40	36	125	470	225	250	G1/4"	G1/2"	125	95	48	65	345	280	110	160	14	14	296	102	32	10	34	100	91
50/315	65	50	26	125	470	225	280	G1/4"	G1/2"	125	95	48	65	345	280	110	160	14	14	296	102	32	10	34	100	93
65/315	80	65	31	125	470	225	280	G1/4"	G1/2"	160	120	48	80	400	315	110	160	19	14	296	102	32	10	34	140	98
80/315	100	80	44	125	470	250	315	G1/4"	G1/2"	160	120	48	80	400	315	110	160	19	14	296	102	32	10	34	140	105
100/315	125	100	56	140	470	250	315	G1/4"	G1/2"	160	120	48	80	400	315	110	160	19	14	296	102	32	10	34	140	115
125/315	150	125	35	140	530	280	355	G1/4"	G1/2"	200	150	48	100	500	400	110	160	24	14	370	110	42	12	44	140	152
150/315	200	150	43	160	530	280	400	G1/4"	G1/2"	200	150	48	100	550	450	110	160	24	14	370	110	42	12	44	140	160
80/400	100	80	15	125	530	280	355	G1/4"	G1/2"	200	120	48	100	435	355	110	160	24	14	370	110	42	12	44	140	162
100/400	125	100	22	140	530	280	355	G1/4"	G1/2"	200	150	48	100	500	400	110	160	24	14	370	110	42	12	44	140	172
125/400	150	125	33	140	530	315	400	G1/4"	G1/2"	200	150	48	100	500	400	110	160	24	14	370	110	42	12	44	140	183
150/400	200	150	41	160	530	315	450	G1/4"	G1/2"	200	150	48	100	550	450	110	160	24	14	370	110	42	12	44	140	208

* All dimensions are in mm.

END SUCTION WATER PUMPS

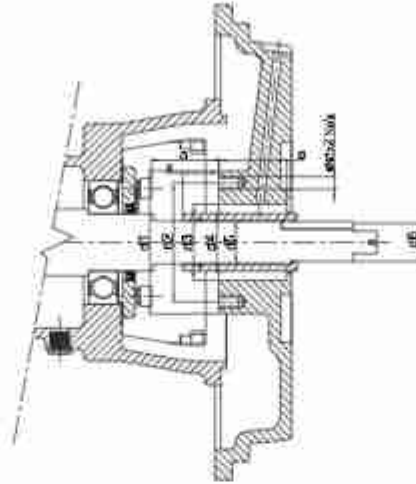
CROSS SECTIONAL DRAWING



PNo	Part Name
1.00	Casing
1.01	Front Wear Ring
1.02	Gasket - Casing
1.03	Square Plug
1.04	Stud M16
1.05	Flat Washer M16
1.06	Hex Nut - M16 X 2
2.00	Bearing Frame
2.01	Deep Groove Ball Bearing
2.02	Front Cover
2.03	Gasket - Rear Cover
2.04	Rear Cover
2.05	Oil Seal
2.06	Breather Nut
2.07	Oil Level Indicator
2.08	Hex. Plug
2.09	Lock Washer
2.10	Socket Head Bolt
2.11	Support Foot
2.12	Hex. Bolt M10
3.00	Stuffing Box
3.01	Rear Wear Ring

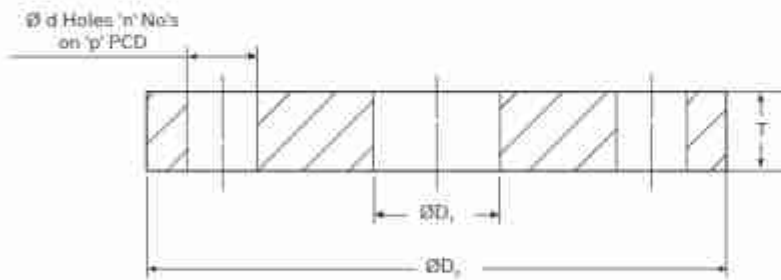
PNo	Part Name
3.02	Stud M16
3.03	Stud M12
3.04	Flat Washer M12
3.05	Hex Nut - M12 X 1.75
3.06	Flat Washer M10
3.07	Nut M16
3.08	Washer M16
18.00	Shaft
18.01	Key - Coupling
18.02	Sleeve Shaft
18.03	Key - Impeller
18.04	Gland Packing
18.05	Lantern Ring
18.06	Split Gland
18.07	Deflector
18.08	O ring
18.09	Gasket Sleeve
18.10	Grub Screw
19.00	Impeller
19.01	Gasket - Impeller
19.02	Impeller Nut

STUFFING BOX DETAILS



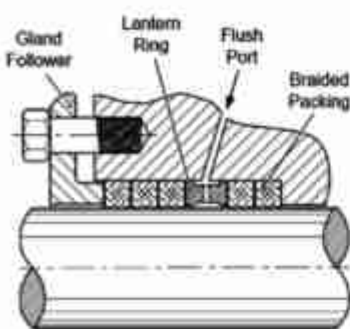
Bearing Frame Assembly	a	x	φ	d1	d2	d3	d4	d5	d6	l	s1xZnos
25	40	18	60	84	70	59	35	25	20	3	4xM8
32	63	20	60	94	84	70	45	32	28	5	4xM8
42	68	35	71.5	150	116	91	60	45	40	6	4xM12

FLANGE DIMENSIONS

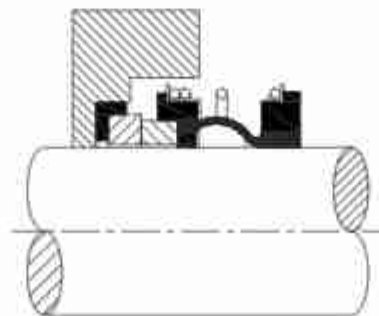


S.No	Ø D1	Ø D2	P	n	Ø d	T
1	25	115	85	4	14	16
2	32	140	100	4	18	18
3	40	150	110	4	18	19
4	50	165	125	4	18	19
5	65	185	145	4	18	20
6	80	200	180	8	18	22
7	100	220	180	8	18	24
8	125	250	210	8	18	19
9	150	285	240	8	22	26

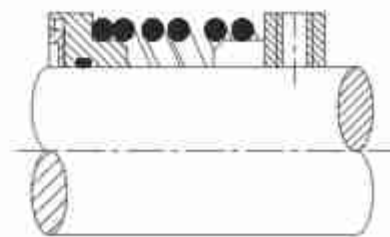
TYPES OF SEALING



Gland Packing



Bellow Seal

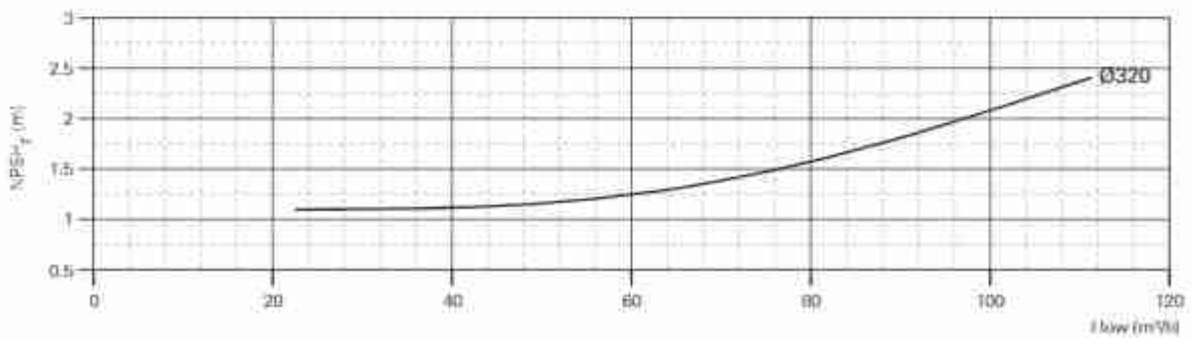
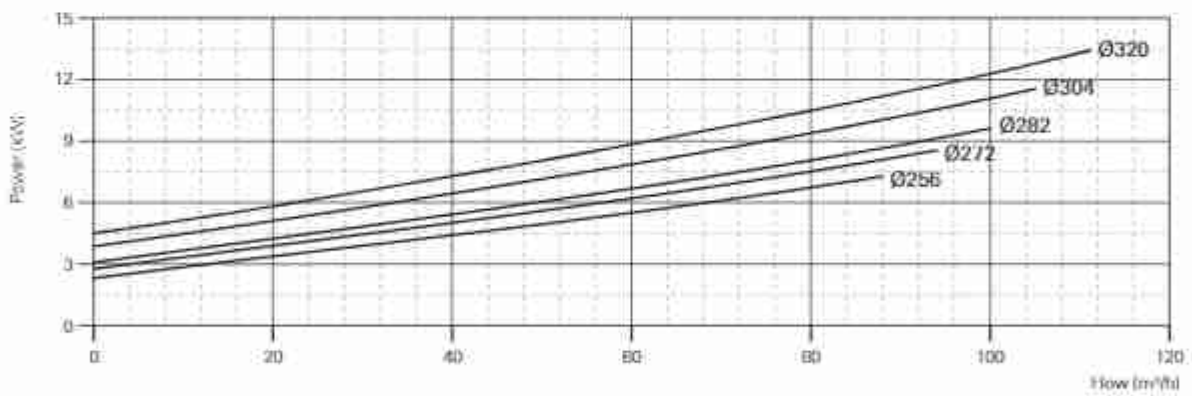
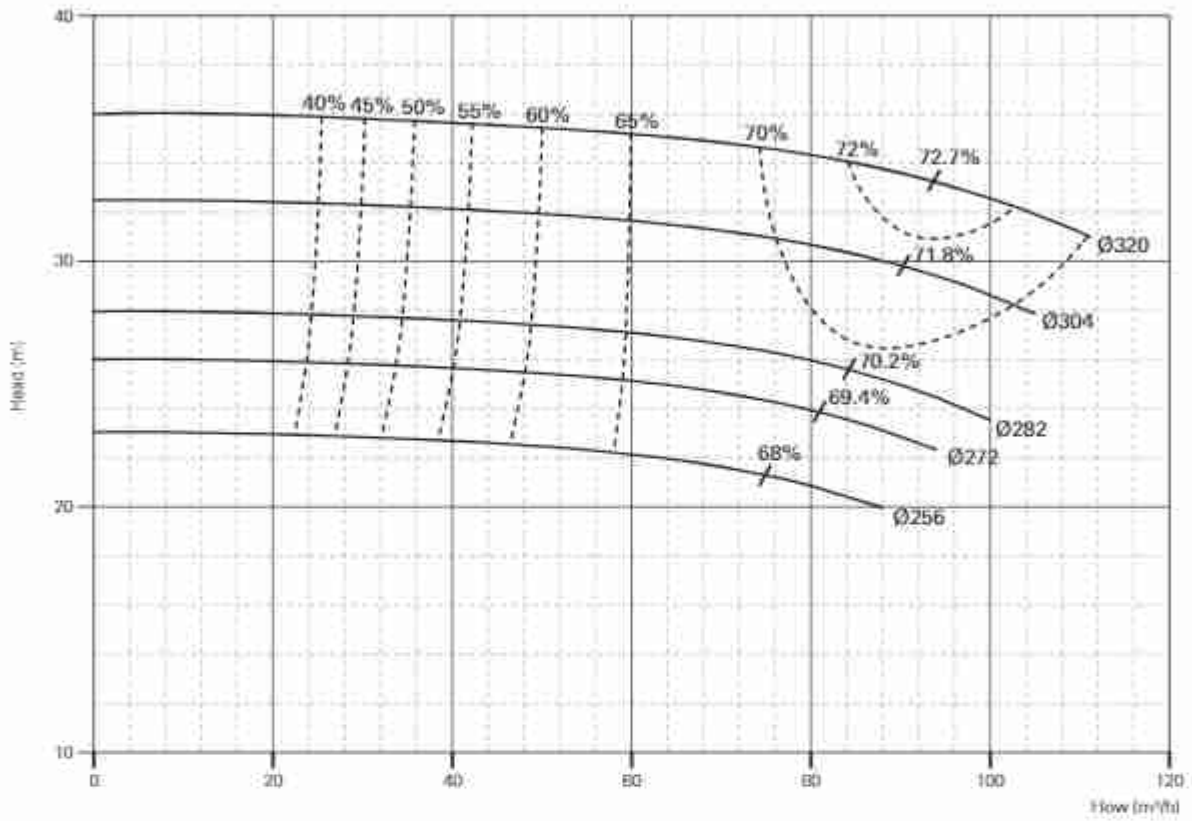


* Cartridge Seal

* On request

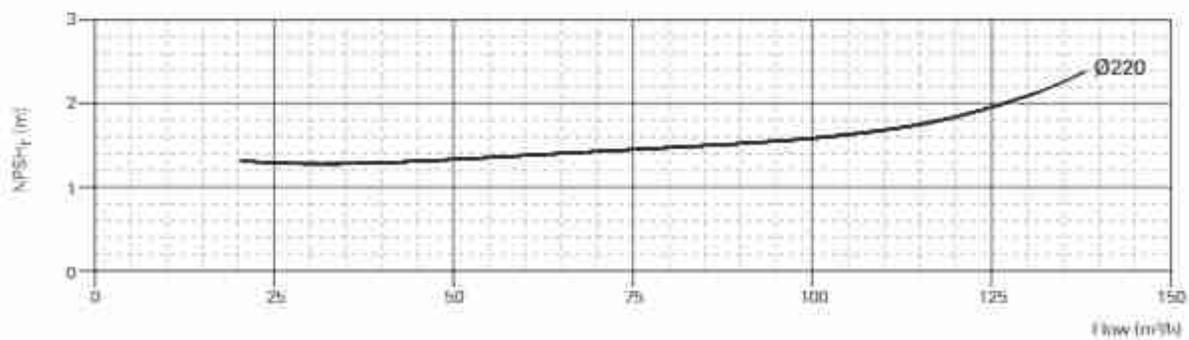
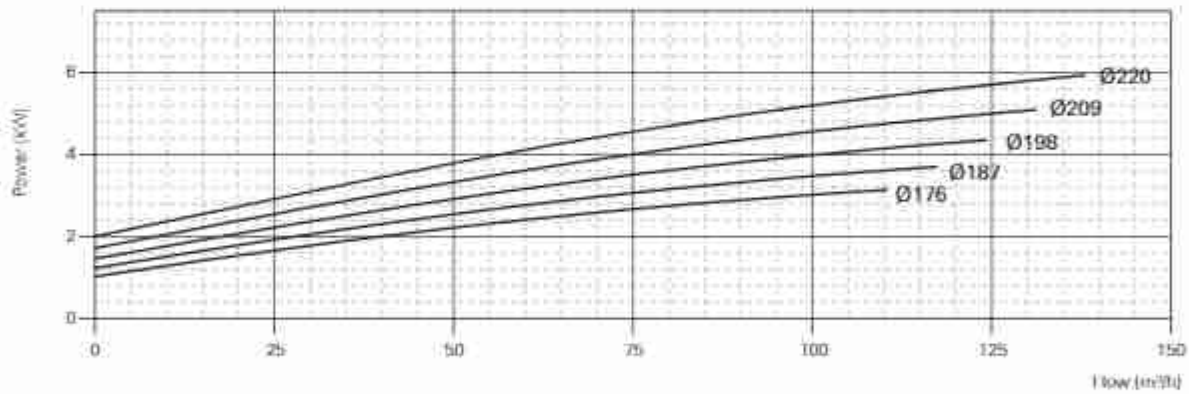
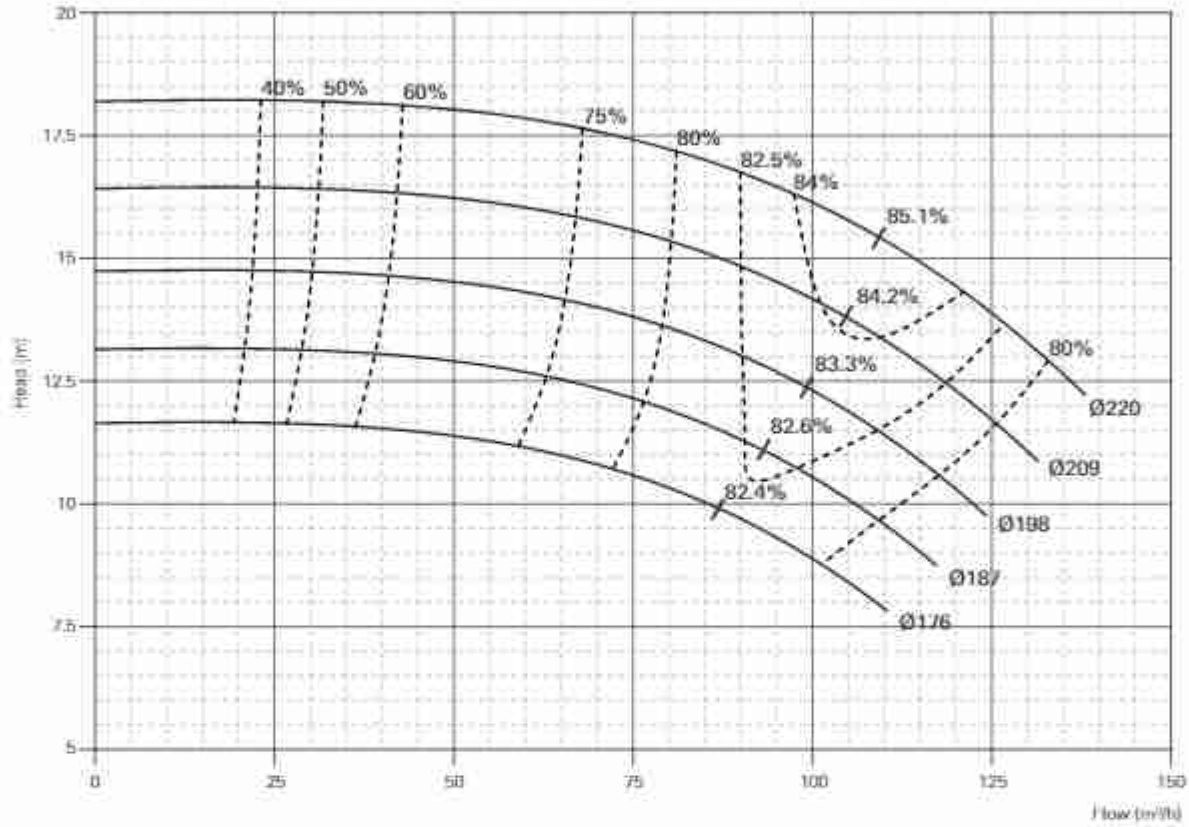
PERFORMANCE CURVE

Model	KEH-65/315
Speed	1450 rpm



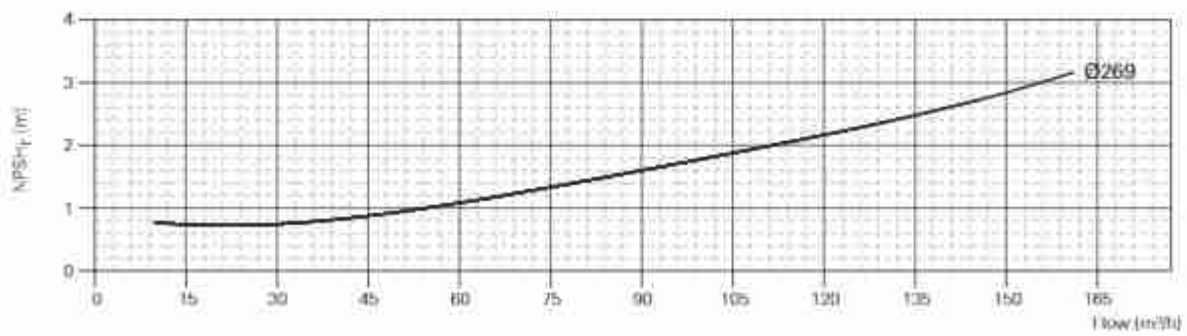
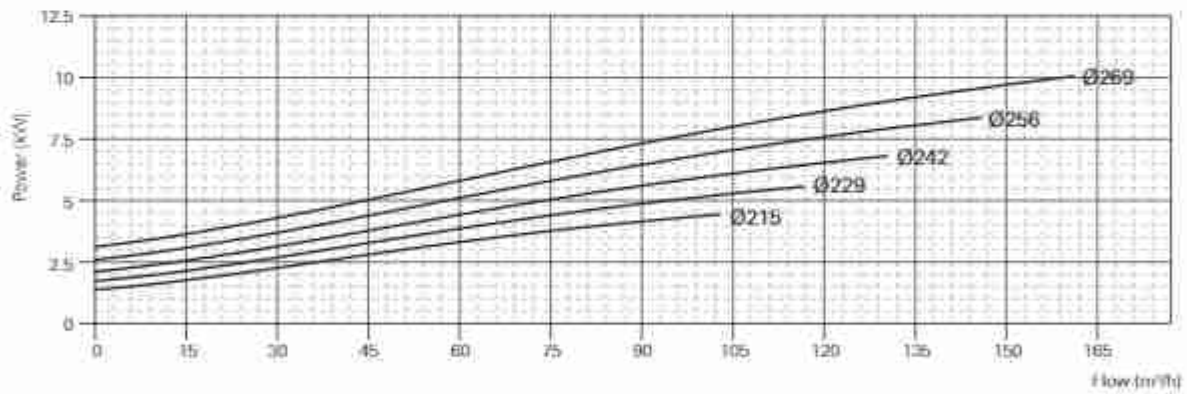
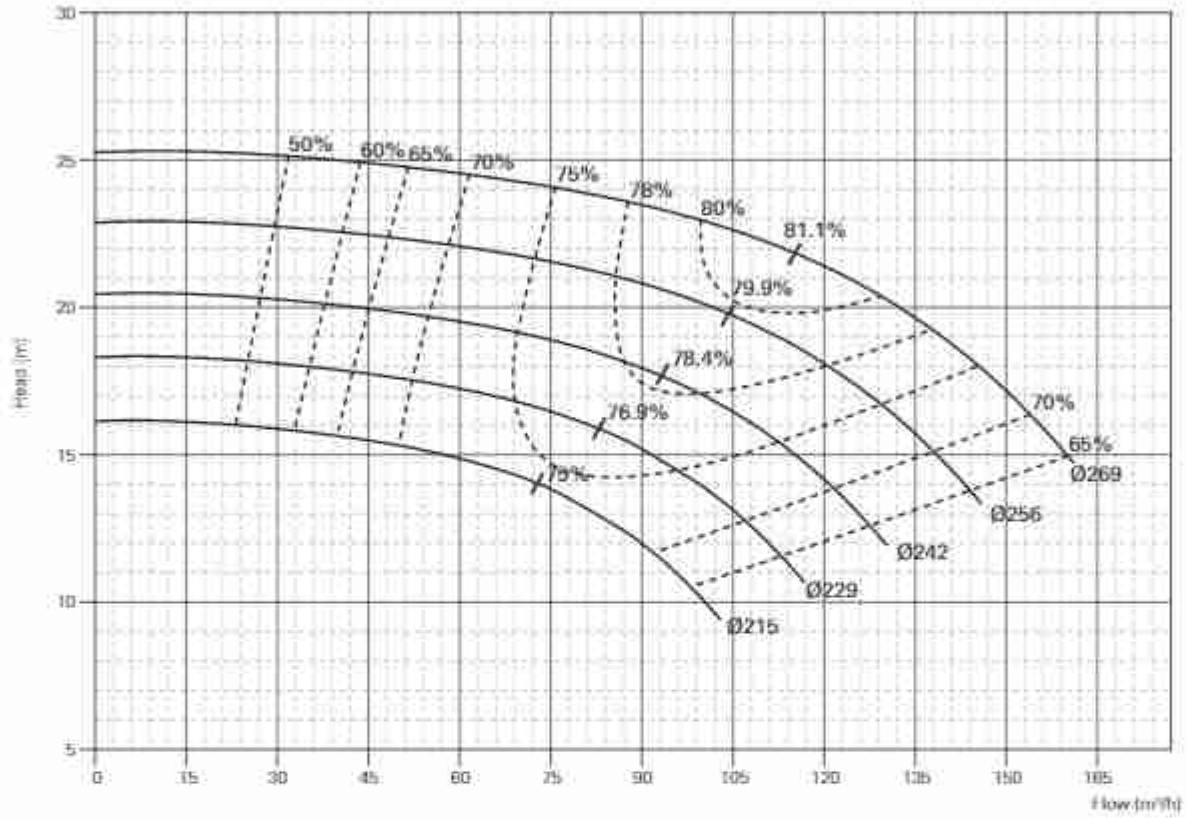
PERFORMANCE CURVE

Model	KEH-80/200
Speed	1450 rpm



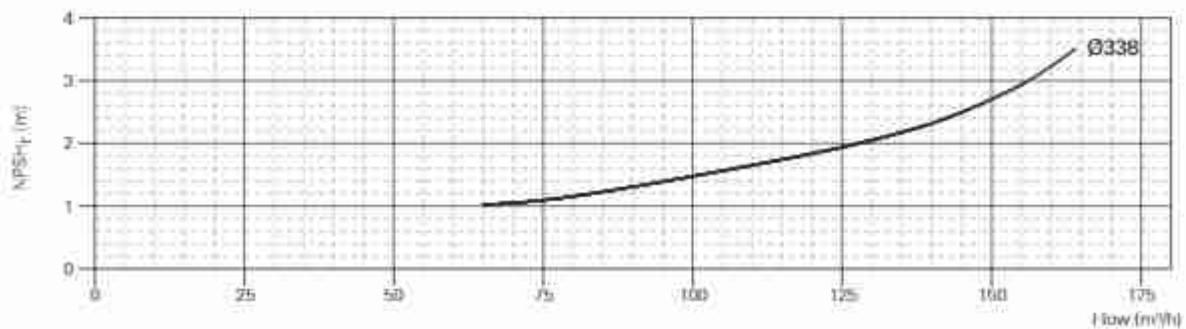
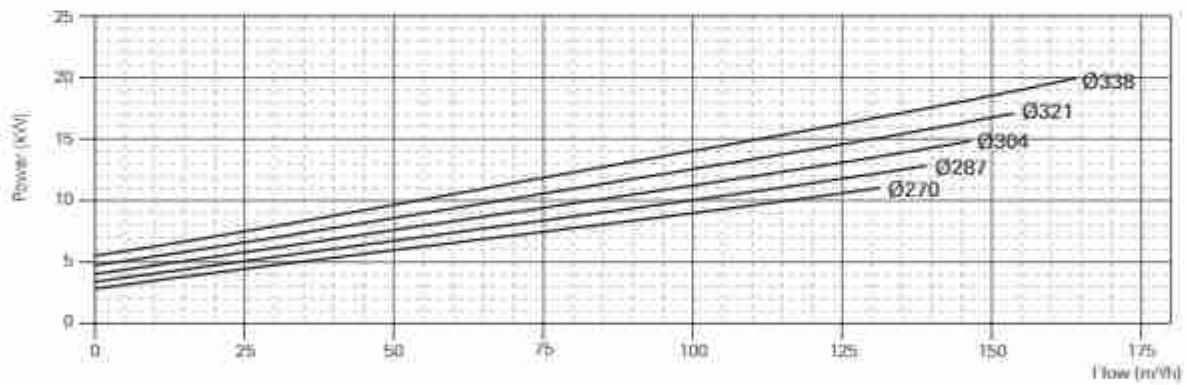
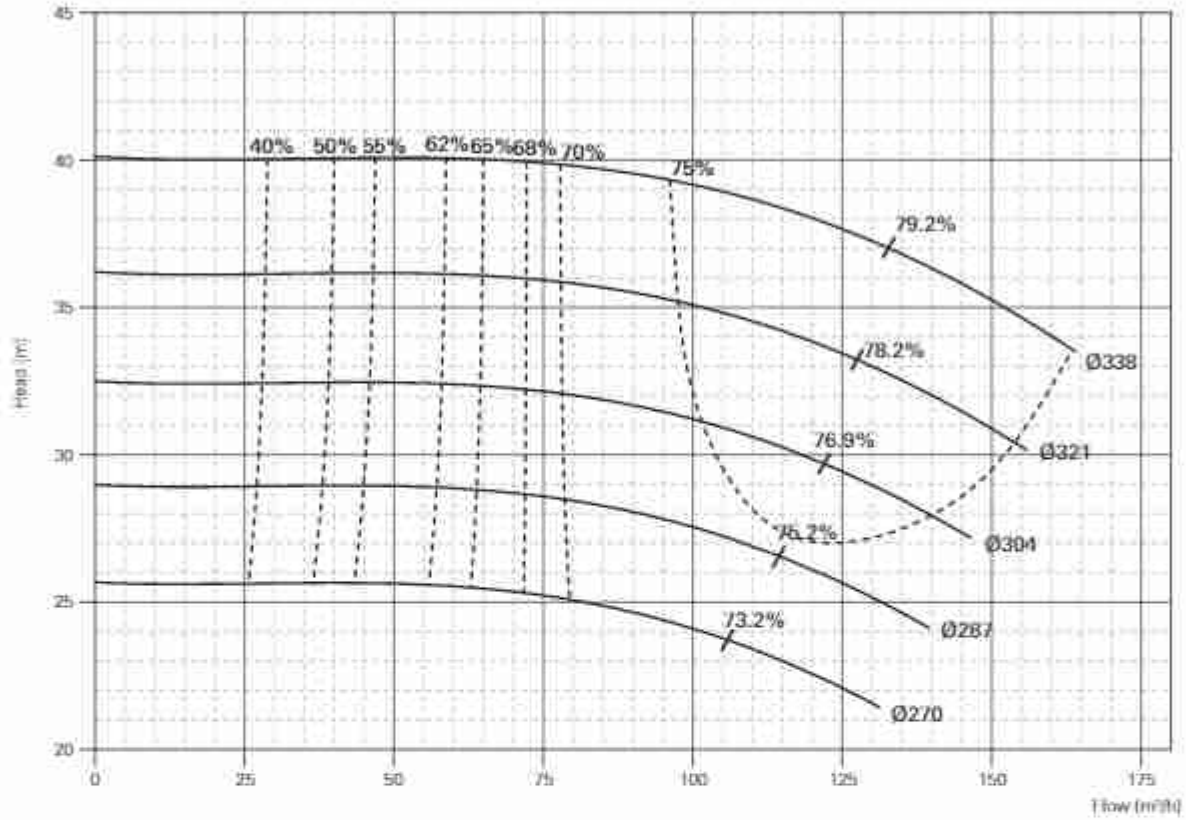
PERFORMANCE CURVE

Model	KEH-80/250
Speed	1450 rpm



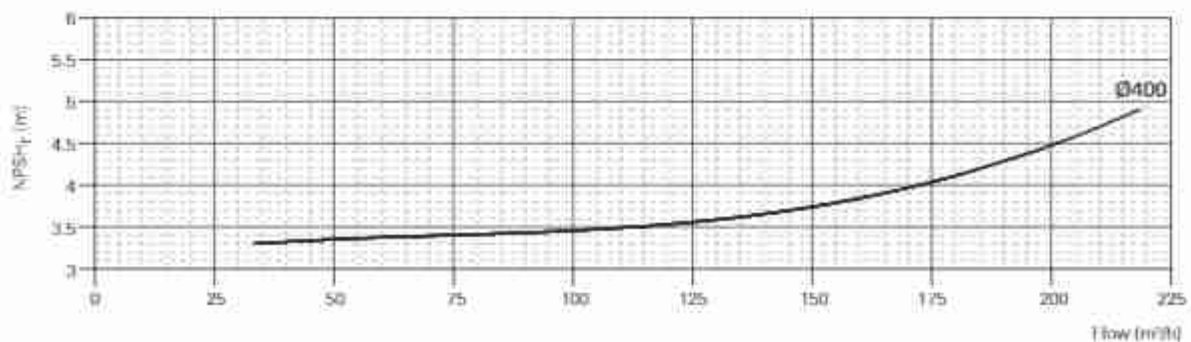
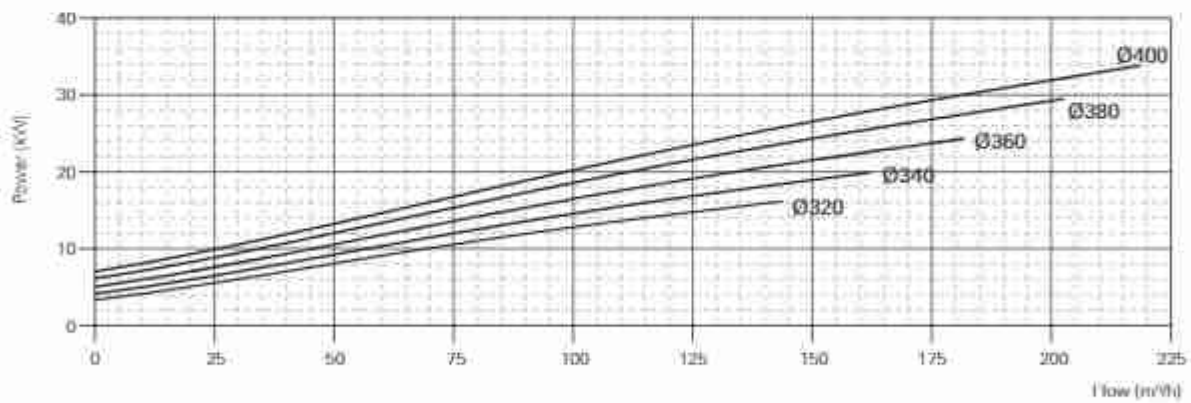
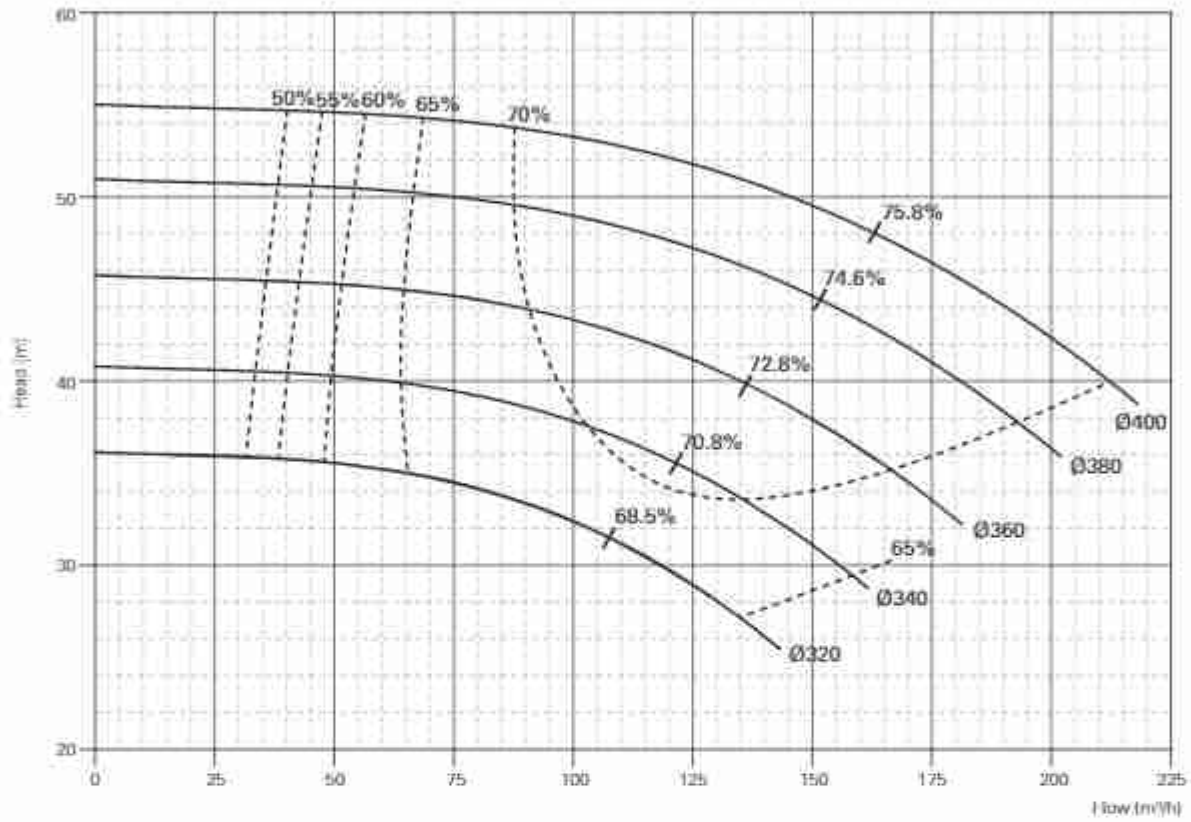
PERFORMANCE CURVE

Model	KEH-80/315
Speed	1450 rpm



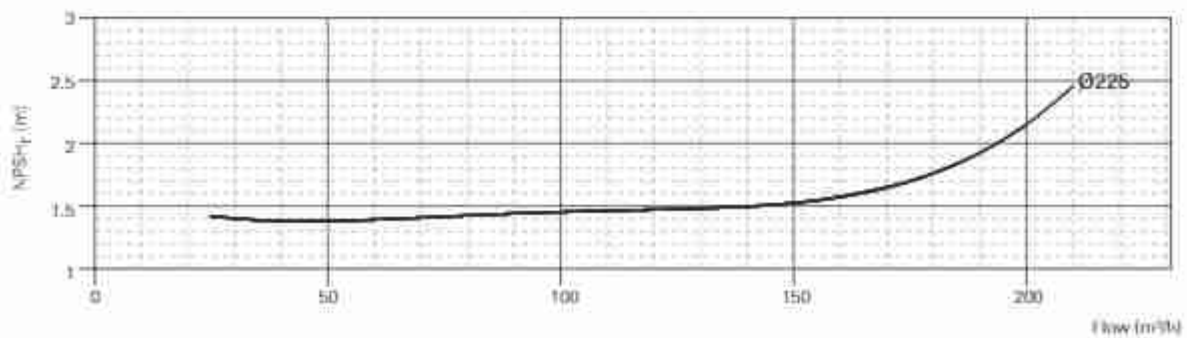
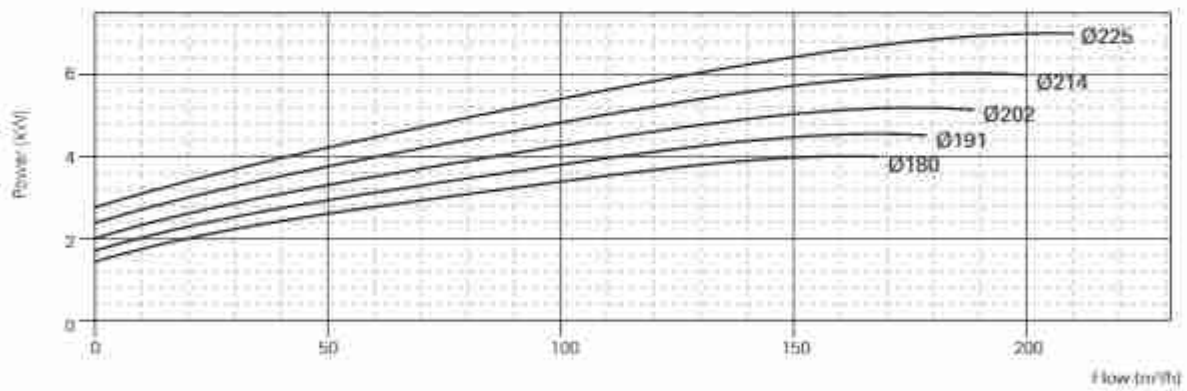
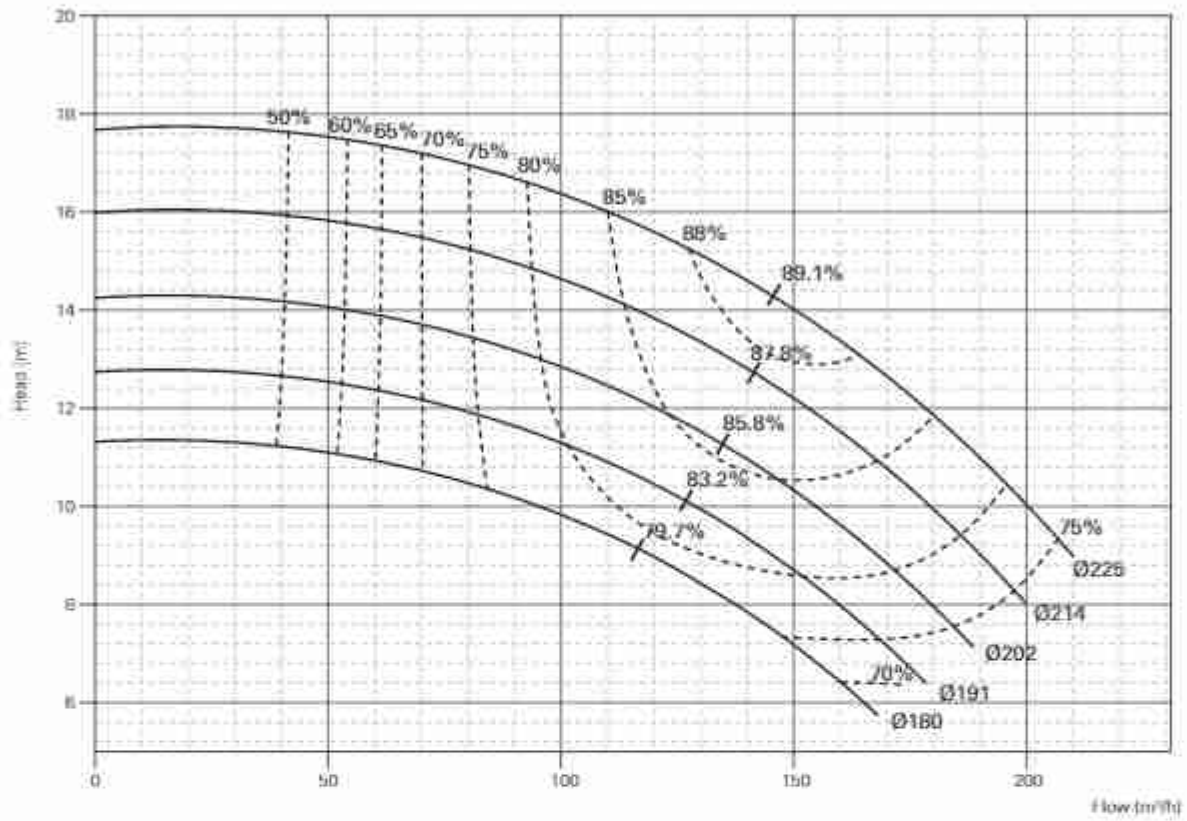
PERFORMANCE CURVE

Model	KEH-80/400
Speed	1450 rpm



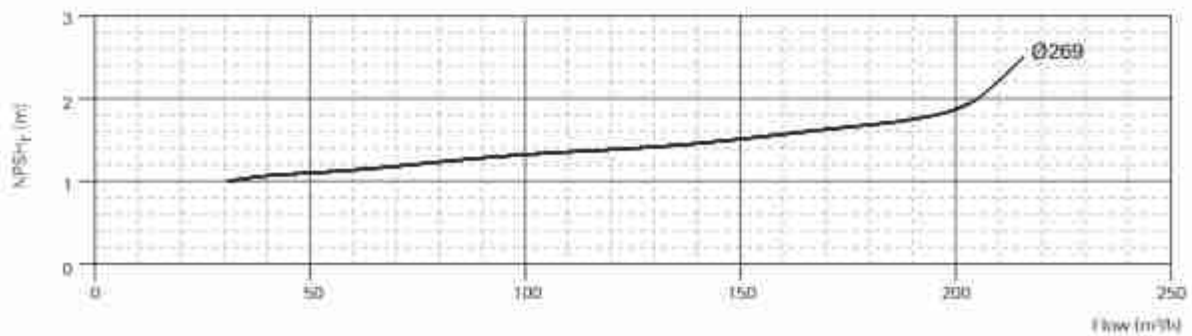
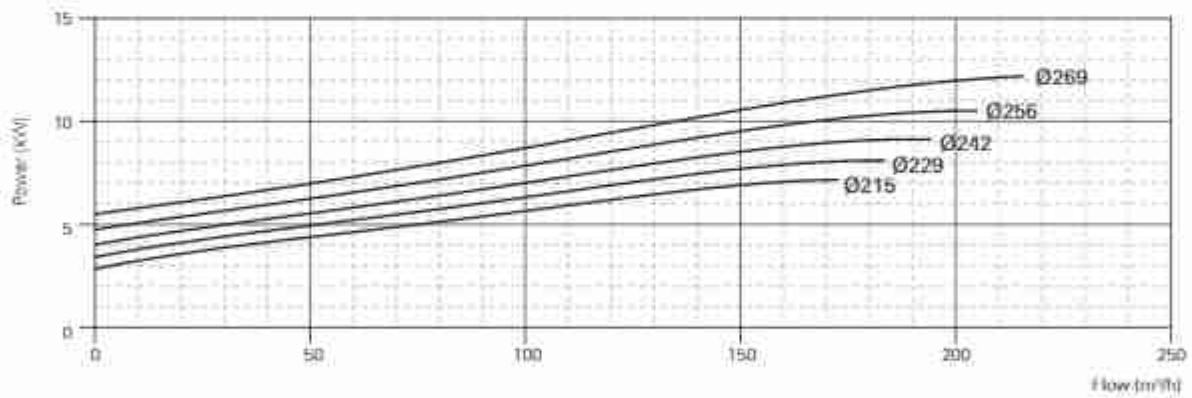
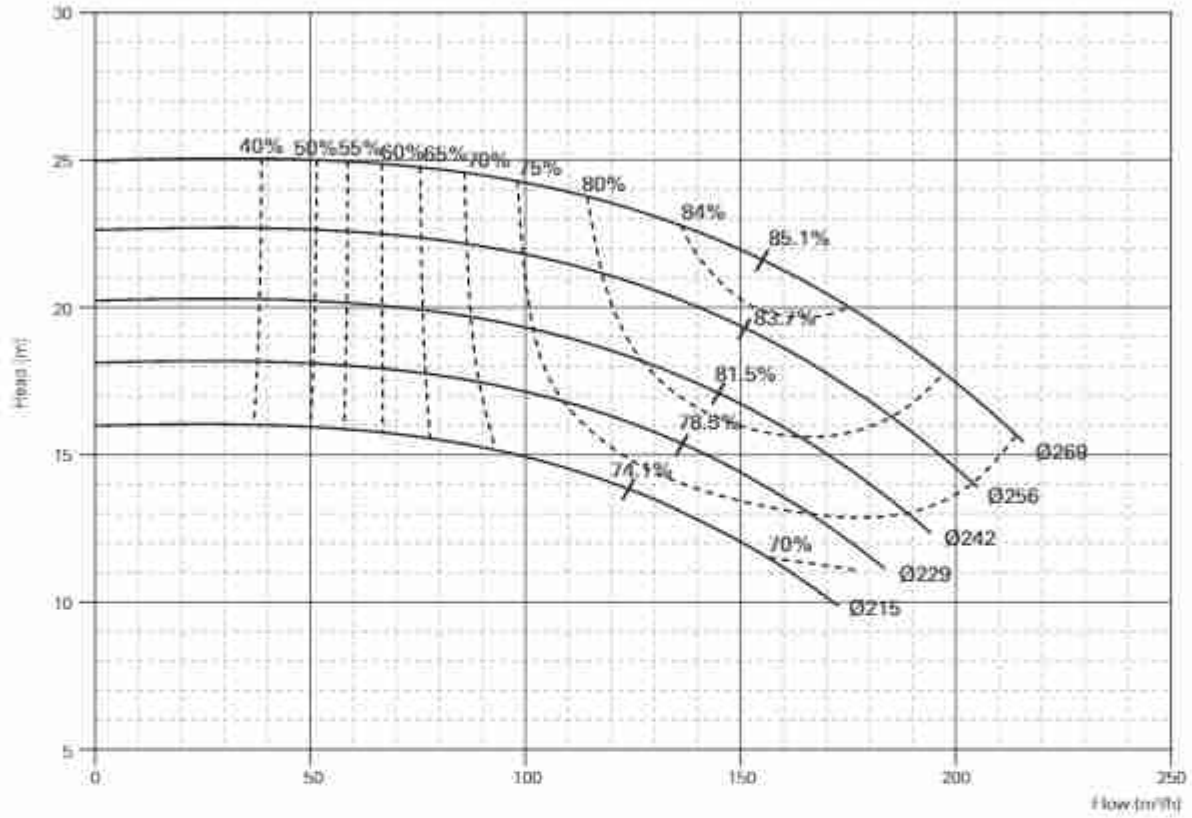
PERFORMANCE CURVE

Model	KEH-100/200
Speed	1450 rpm



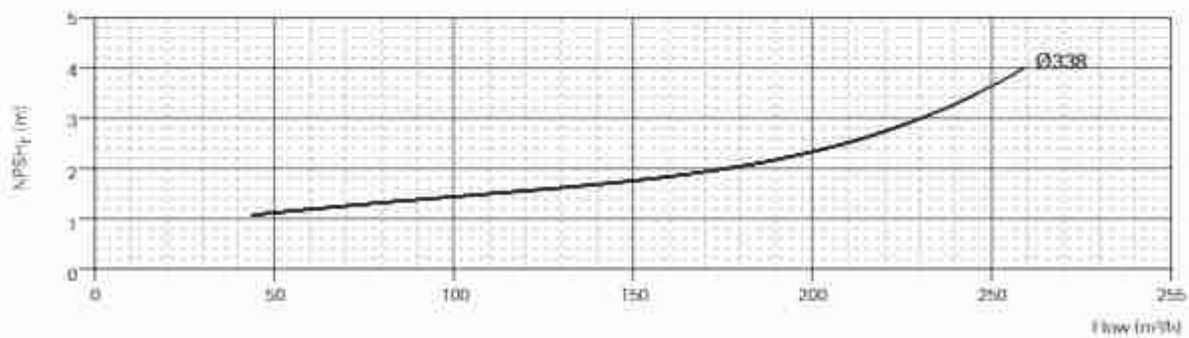
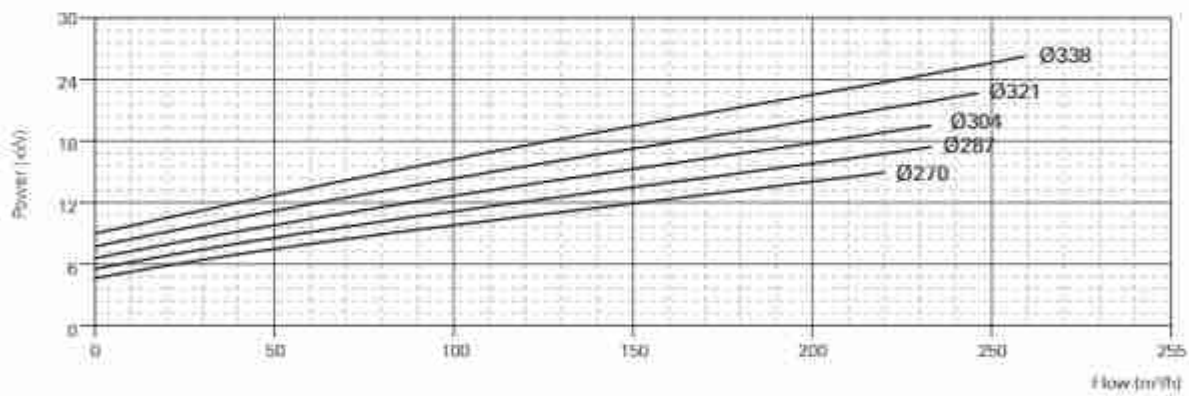
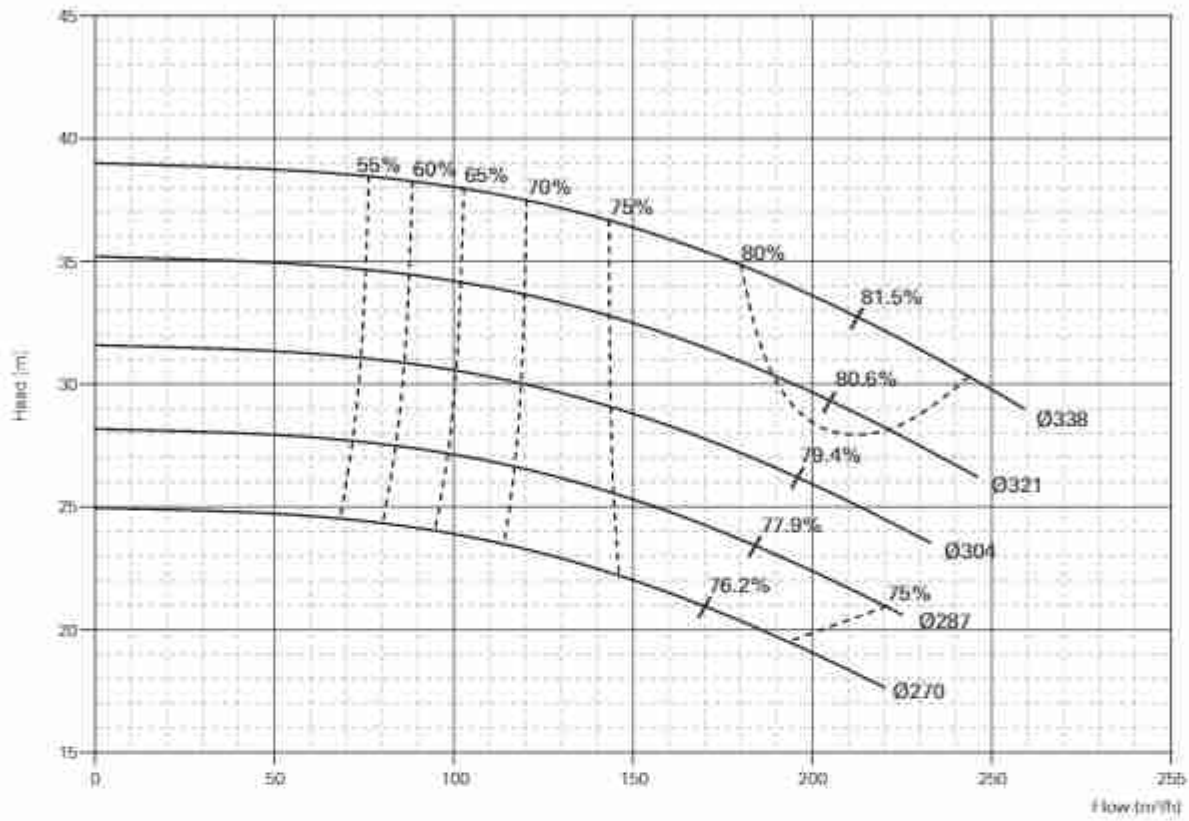
PERFORMANCE CURVE

Model	KEH-100/250
Speed	1450 rpm



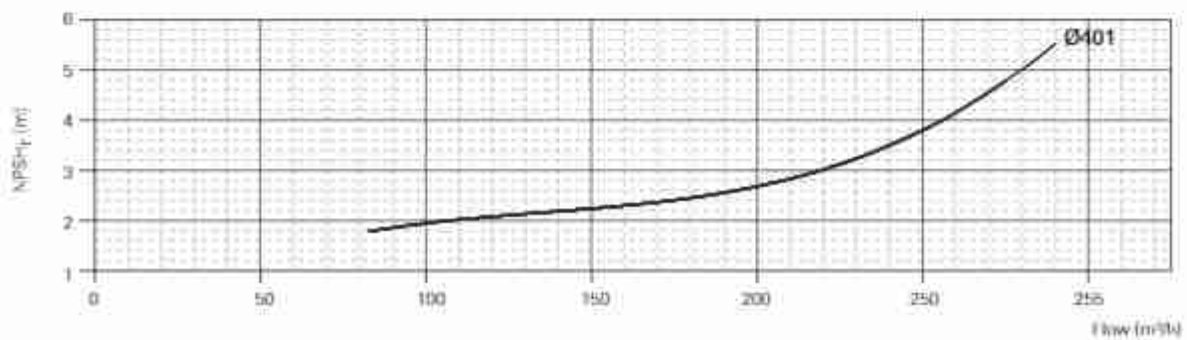
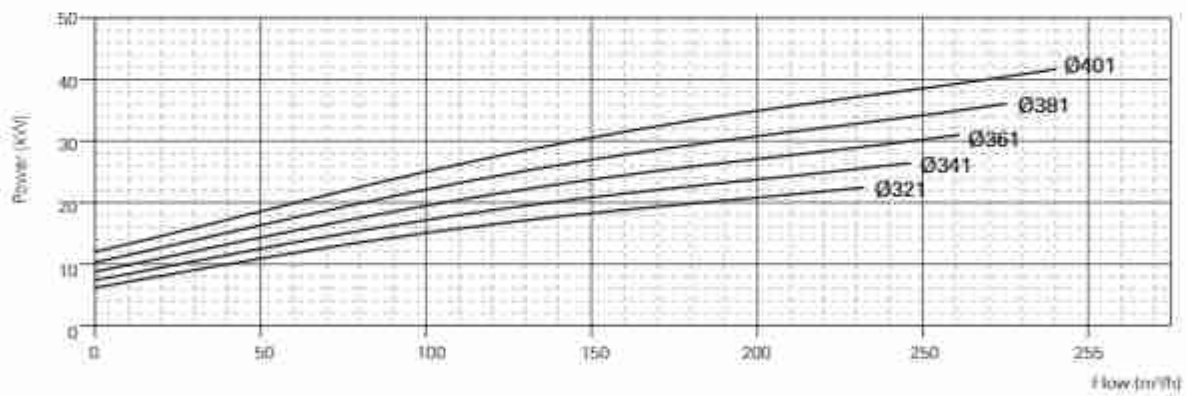
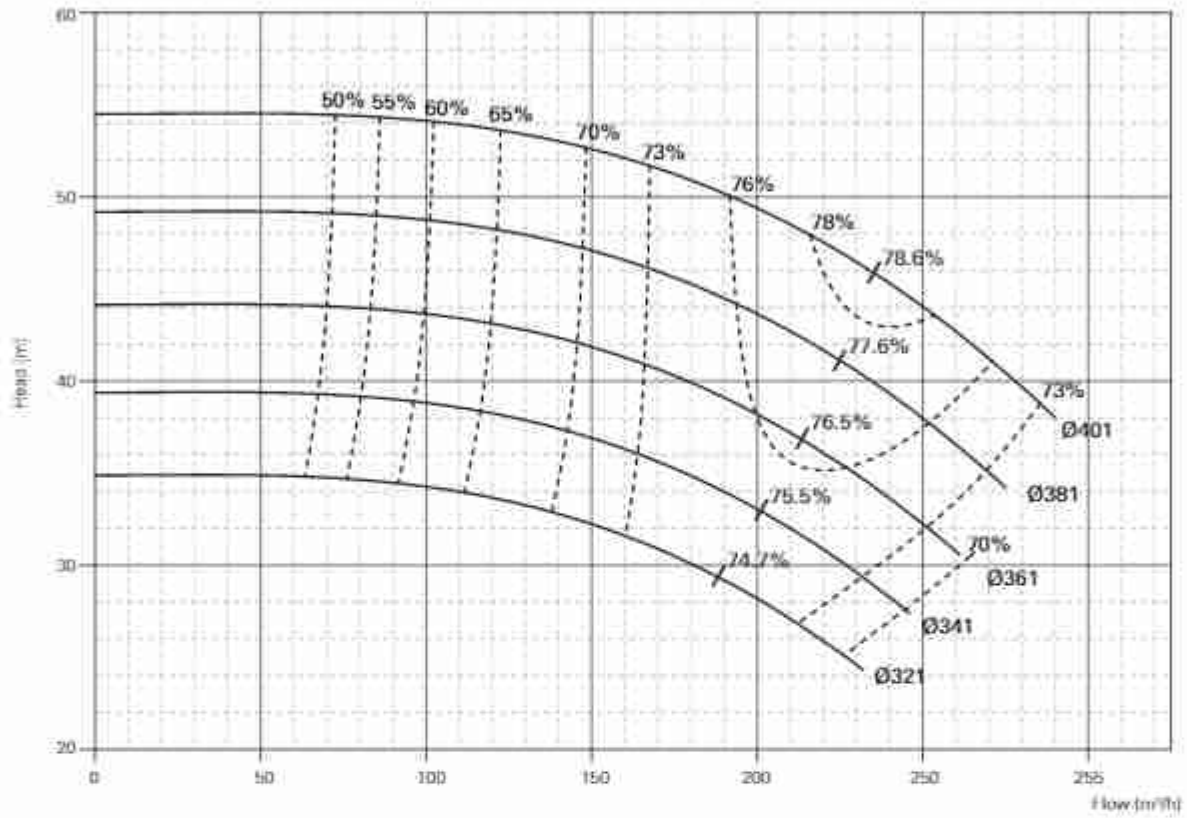
PERFORMANCE CURVE

Model	KEH-100/315
Speed	1450 rpm



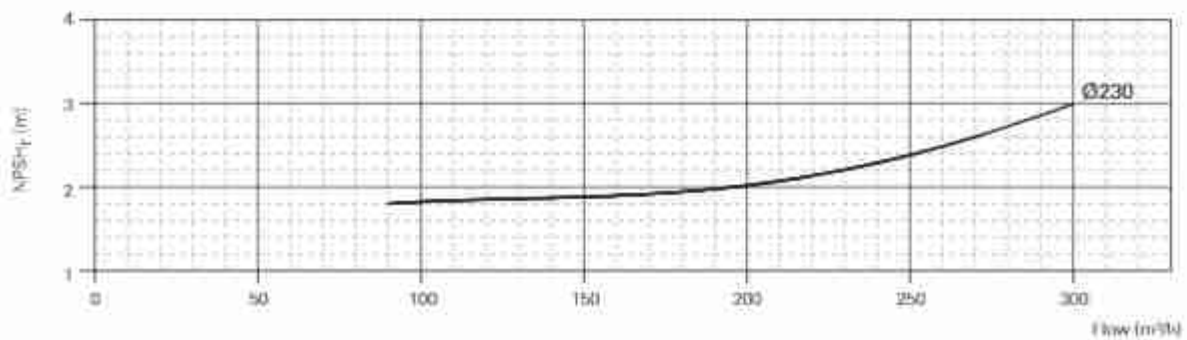
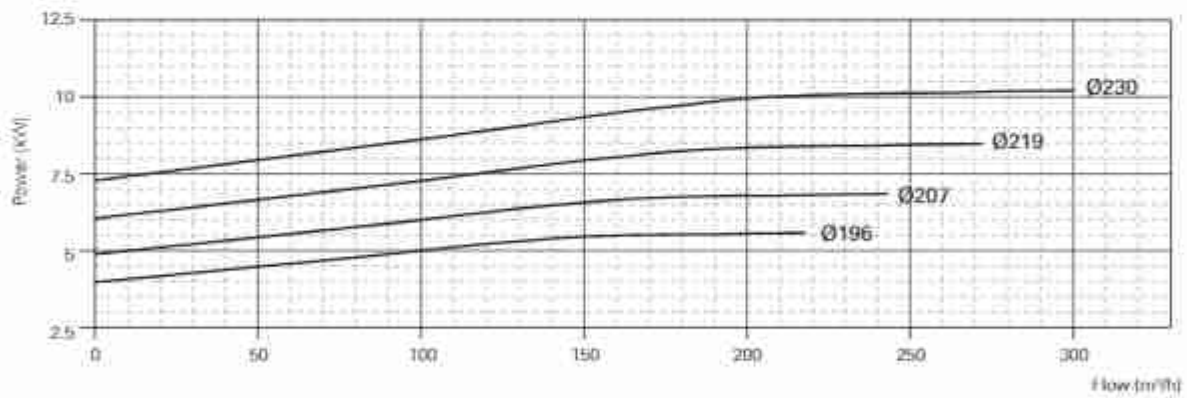
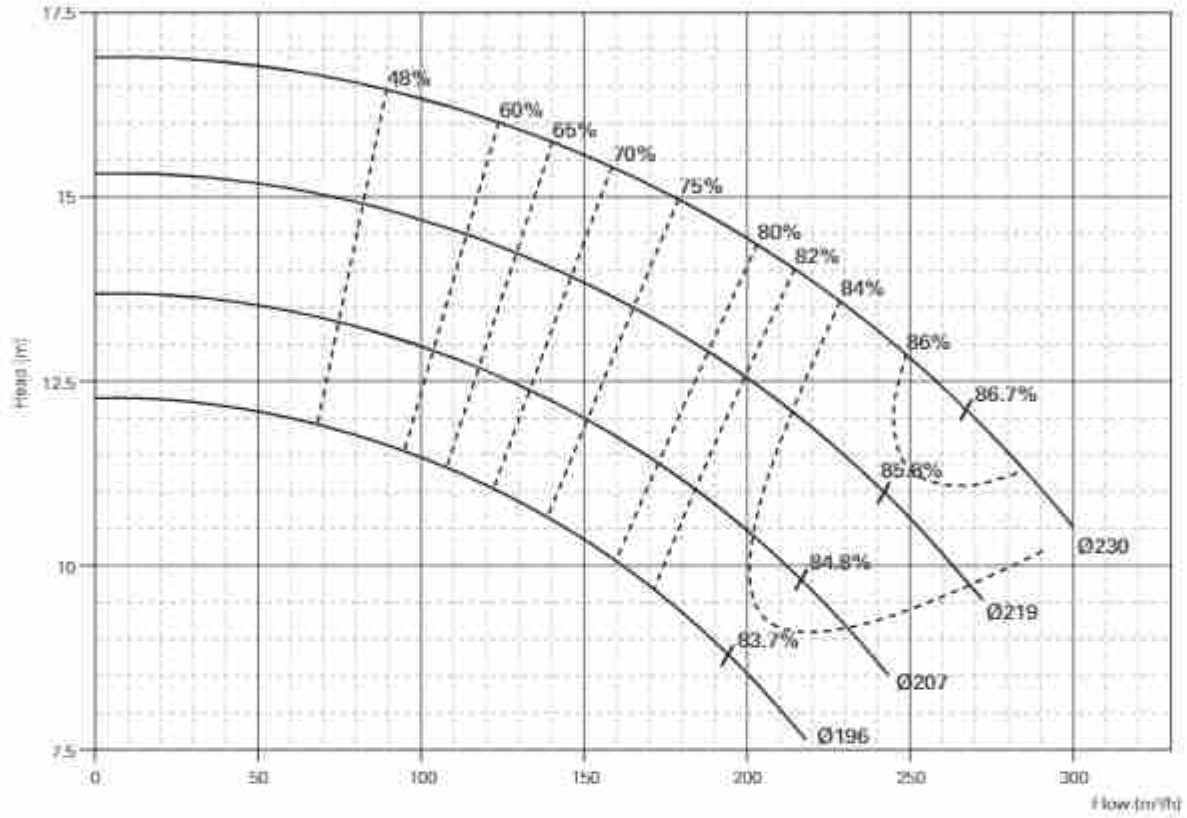
PERFORMANCE CURVE

Model	KEH-100/400
Speed	1450 rpm



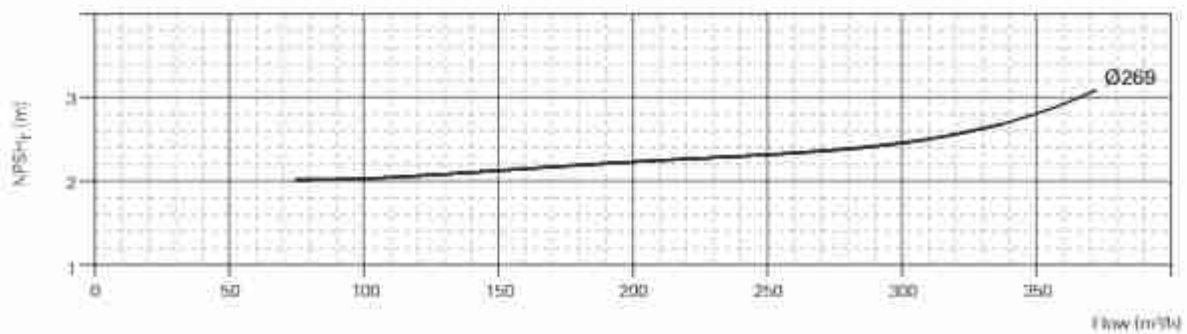
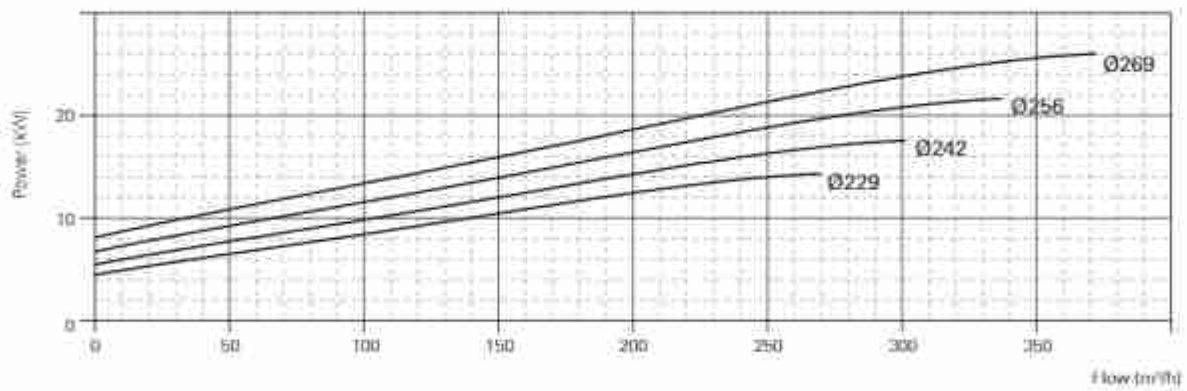
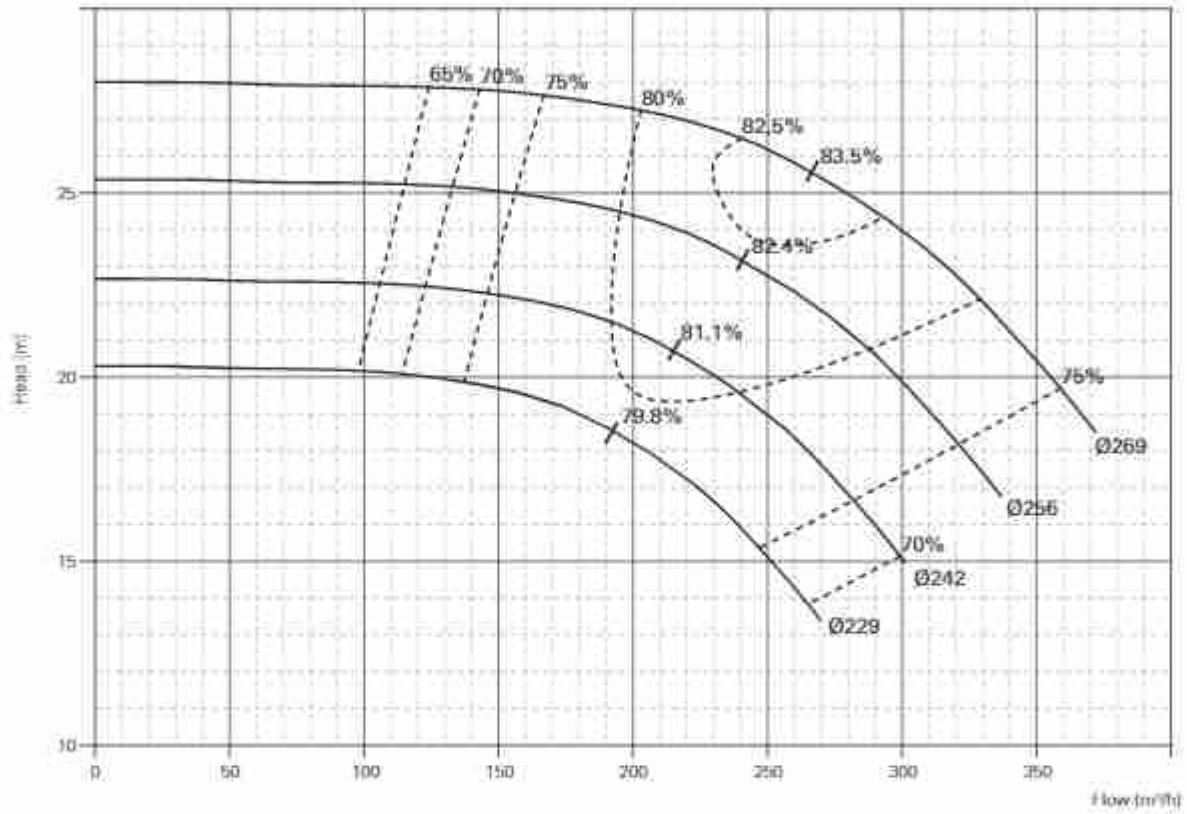
PERFORMANCE CURVE

Model	KEH-125/200
Speed	1450 rpm



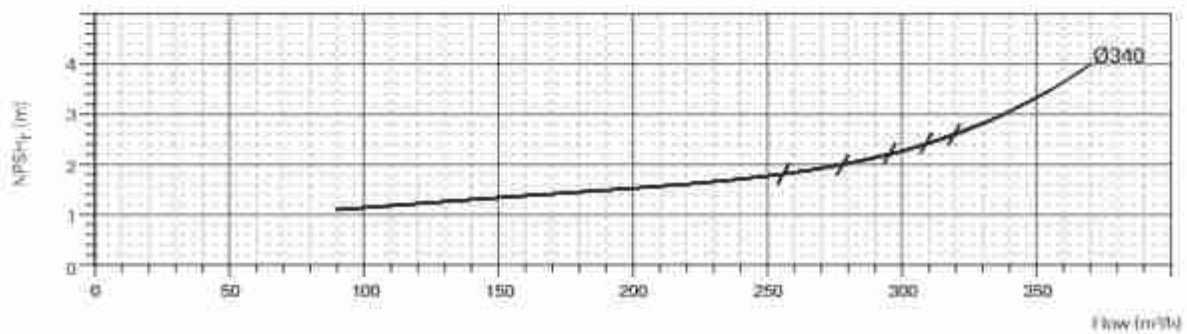
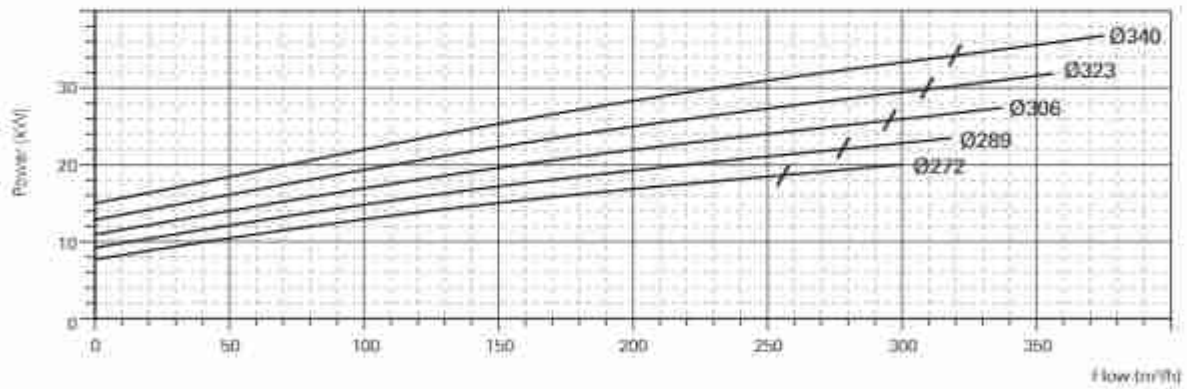
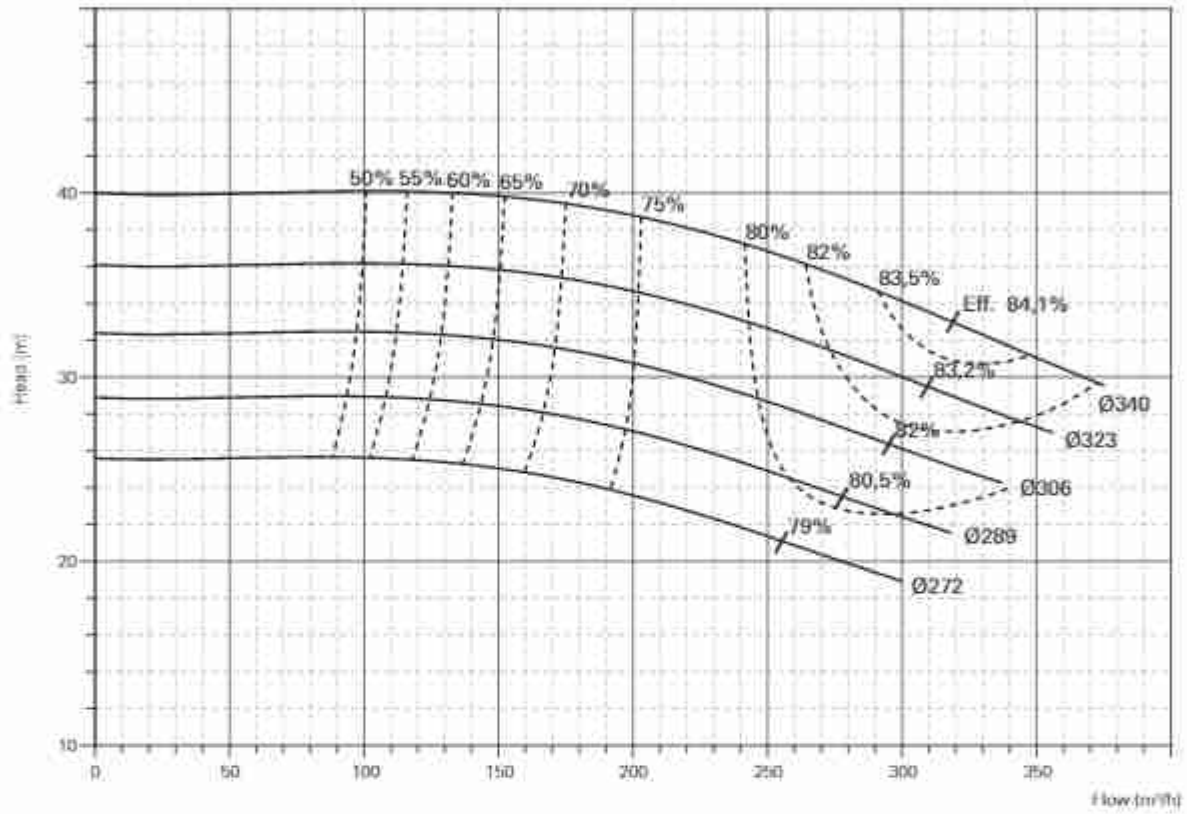
PERFORMANCE CURVE

Model	KEH-125/250
Speed	1450 rpm



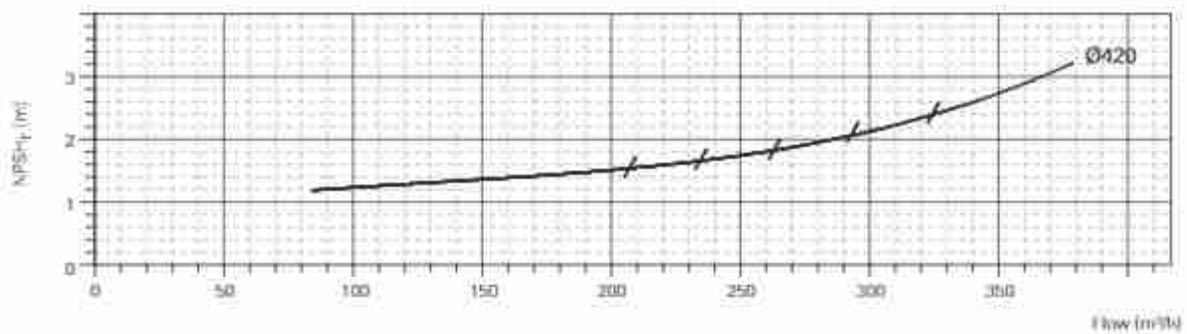
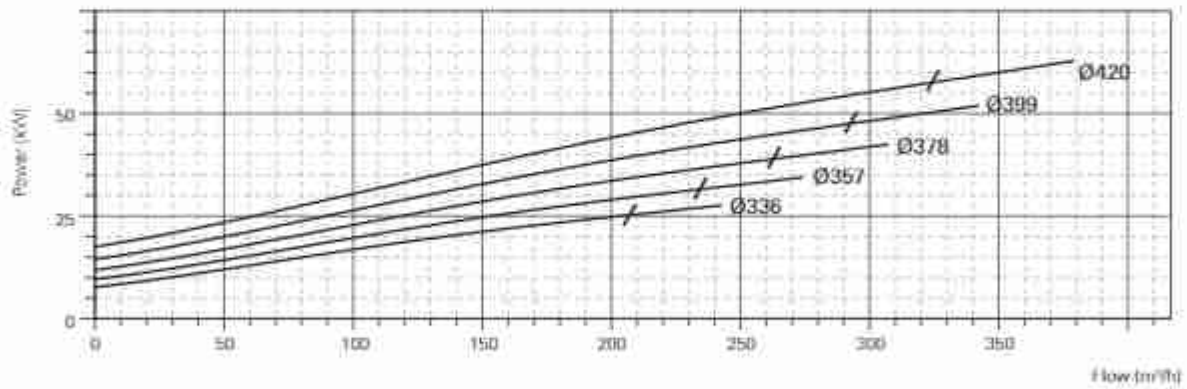
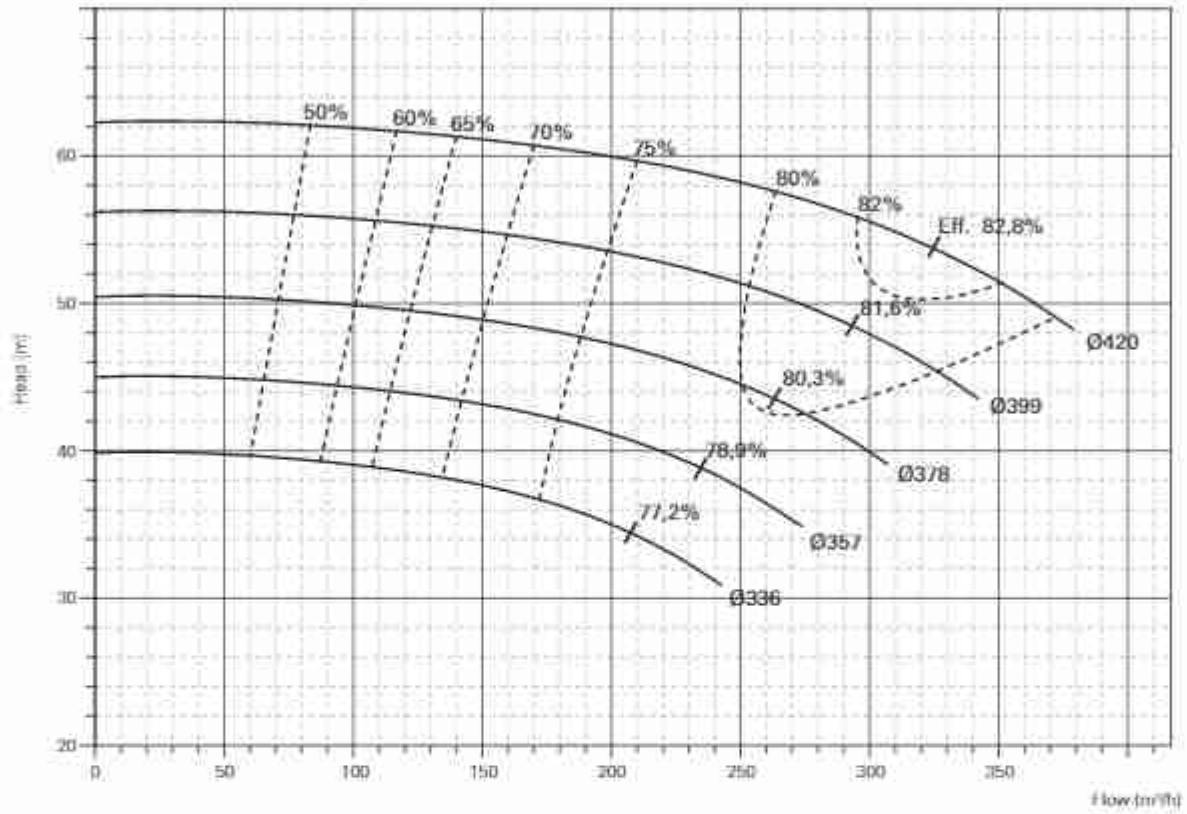
PERFORMANCE CURVE

Model	KEH-125/315
Speed	1450 rpm



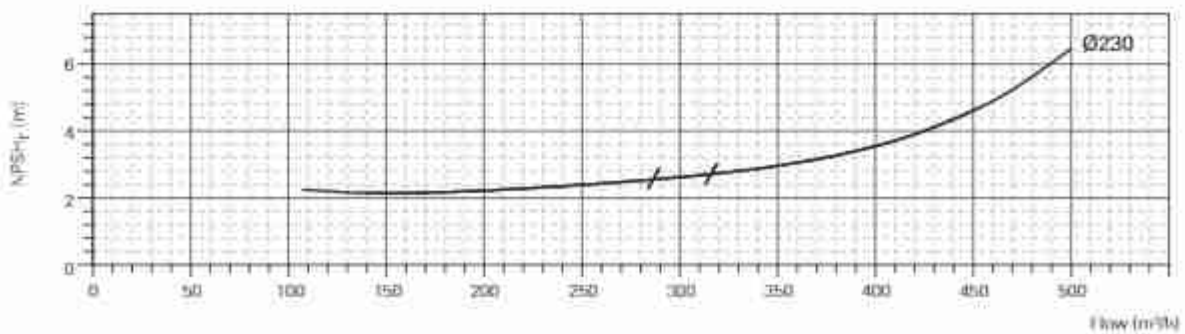
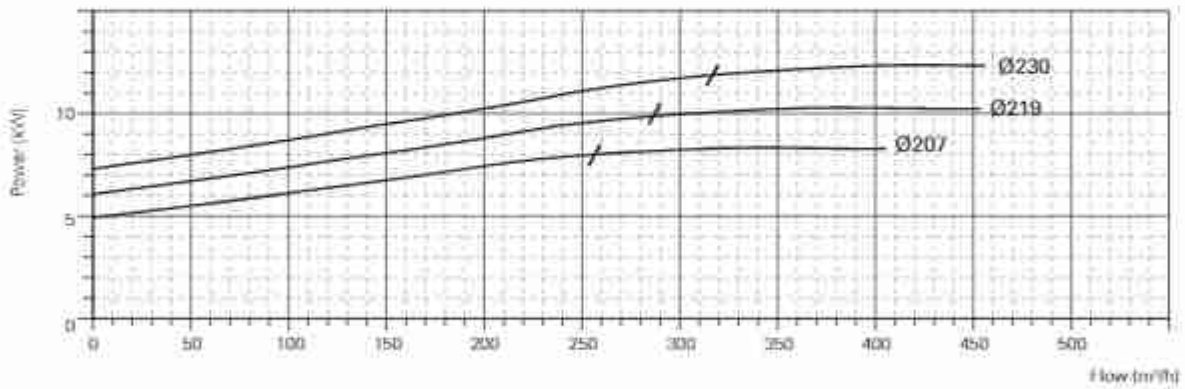
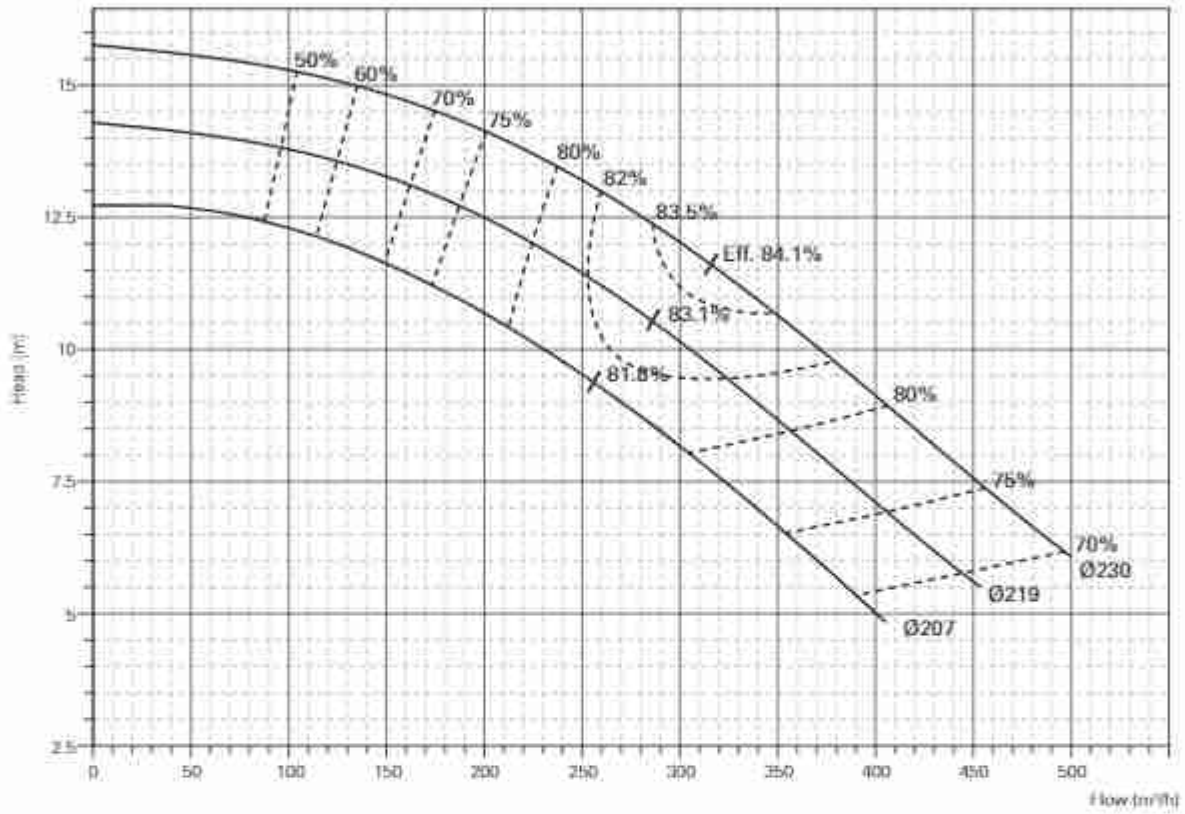
PERFORMANCE CURVE

Model	KEH-125/400
Speed	1450 rpm



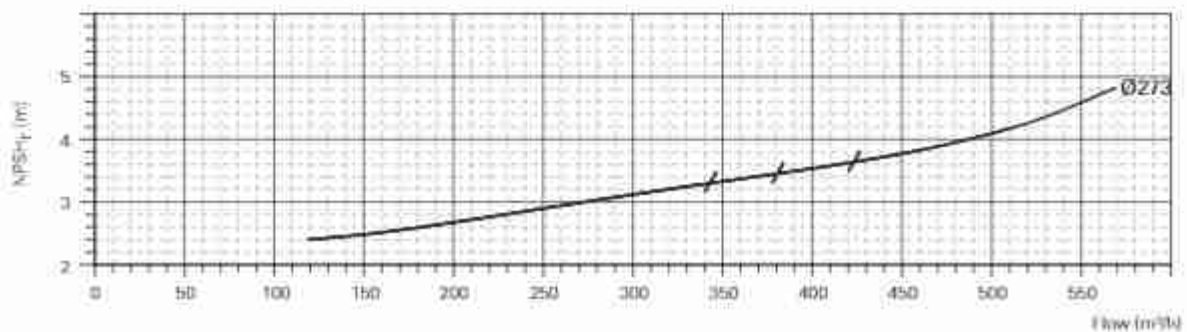
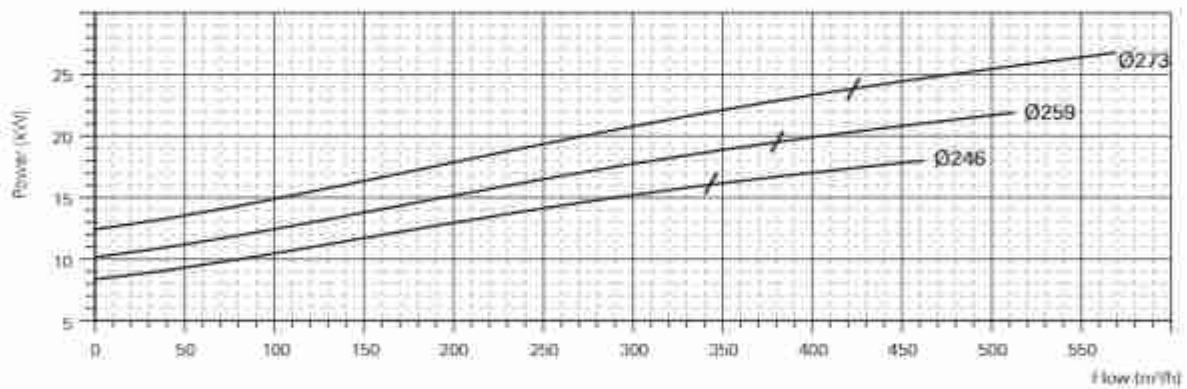
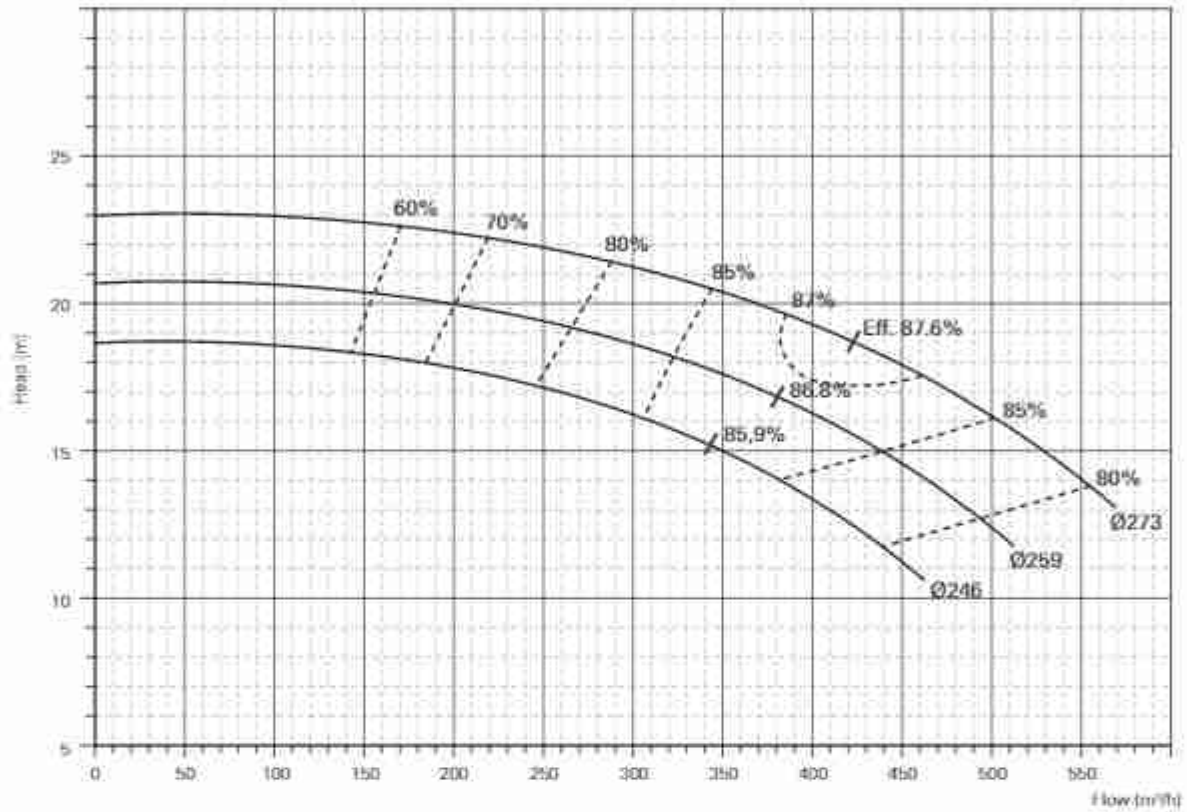
PERFORMANCE CURVE

Model	KEH-150/200
Speed	1450 rpm



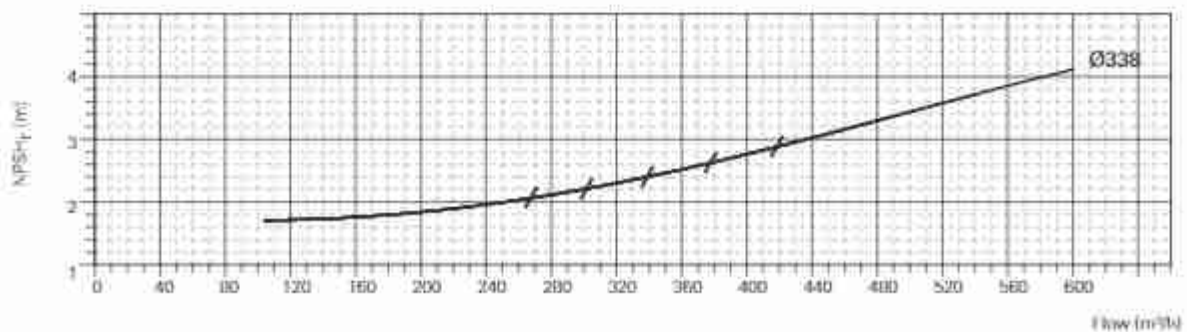
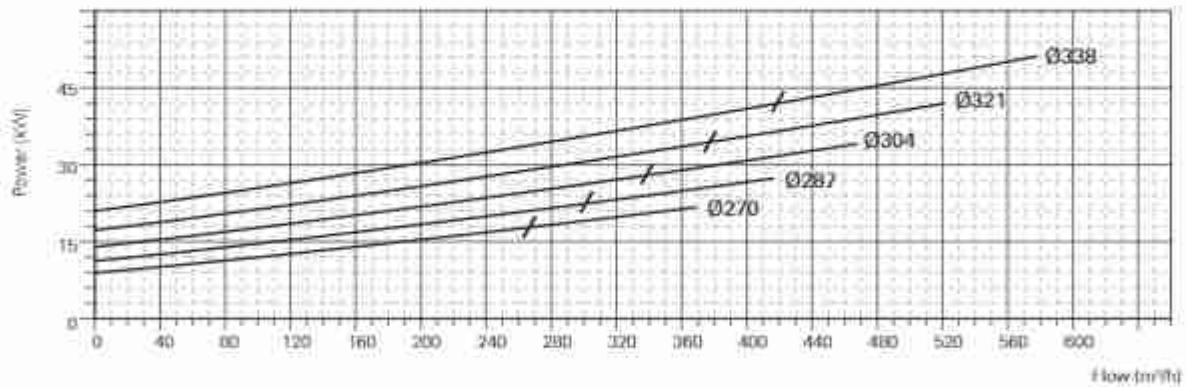
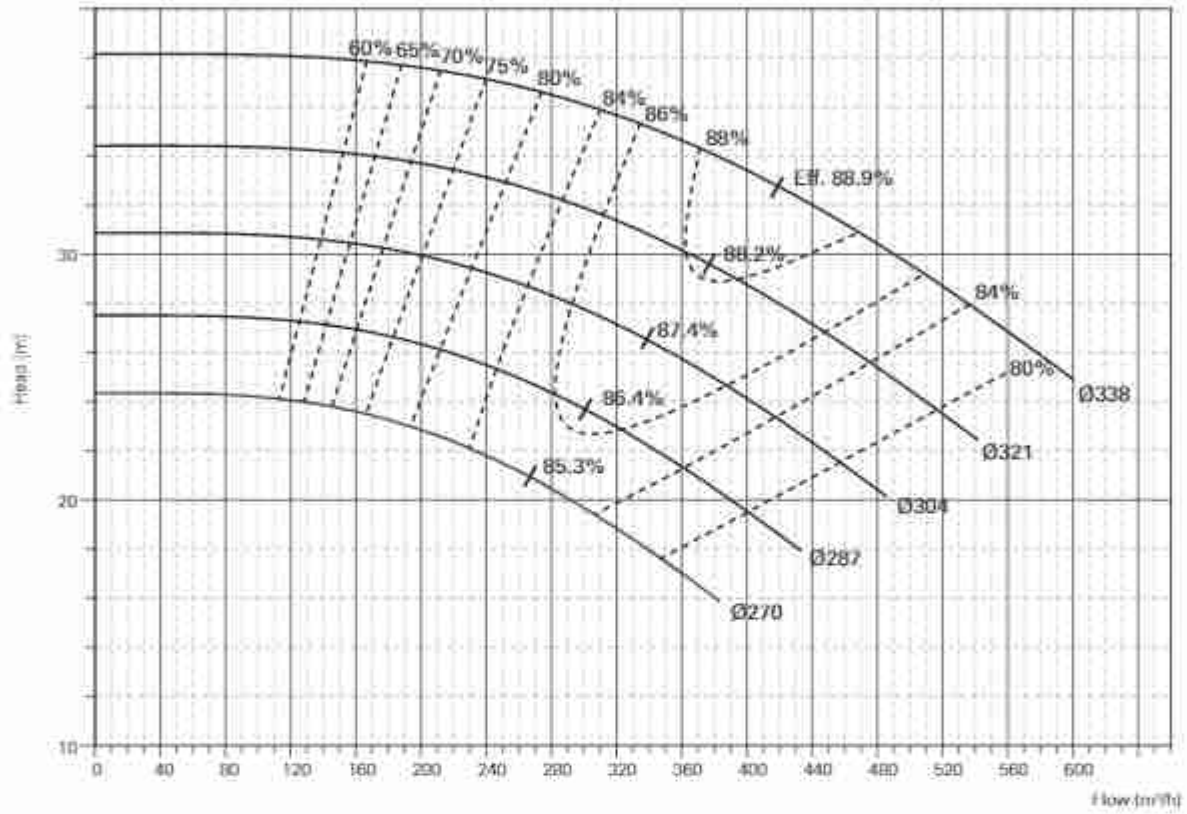
PERFORMANCE CURVE

Model	KEH-150/250
Speed	1450 rpm



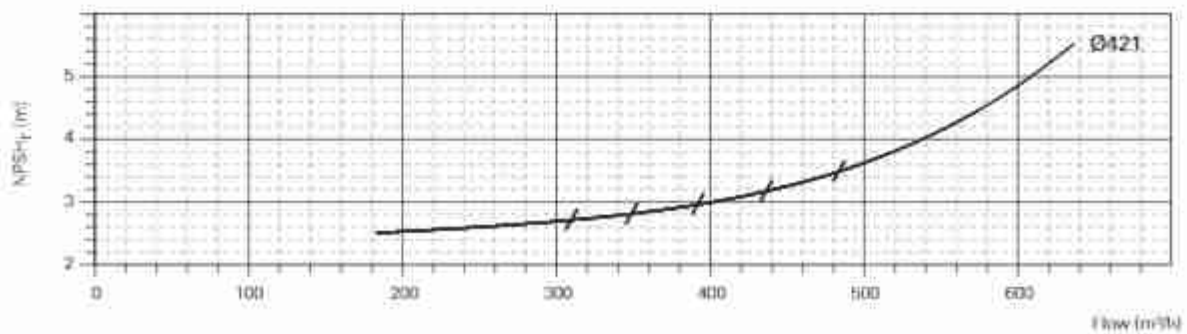
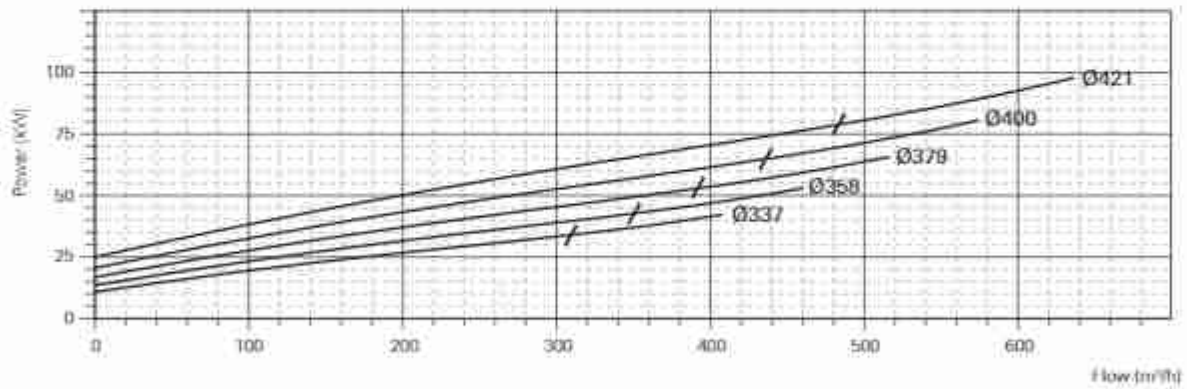
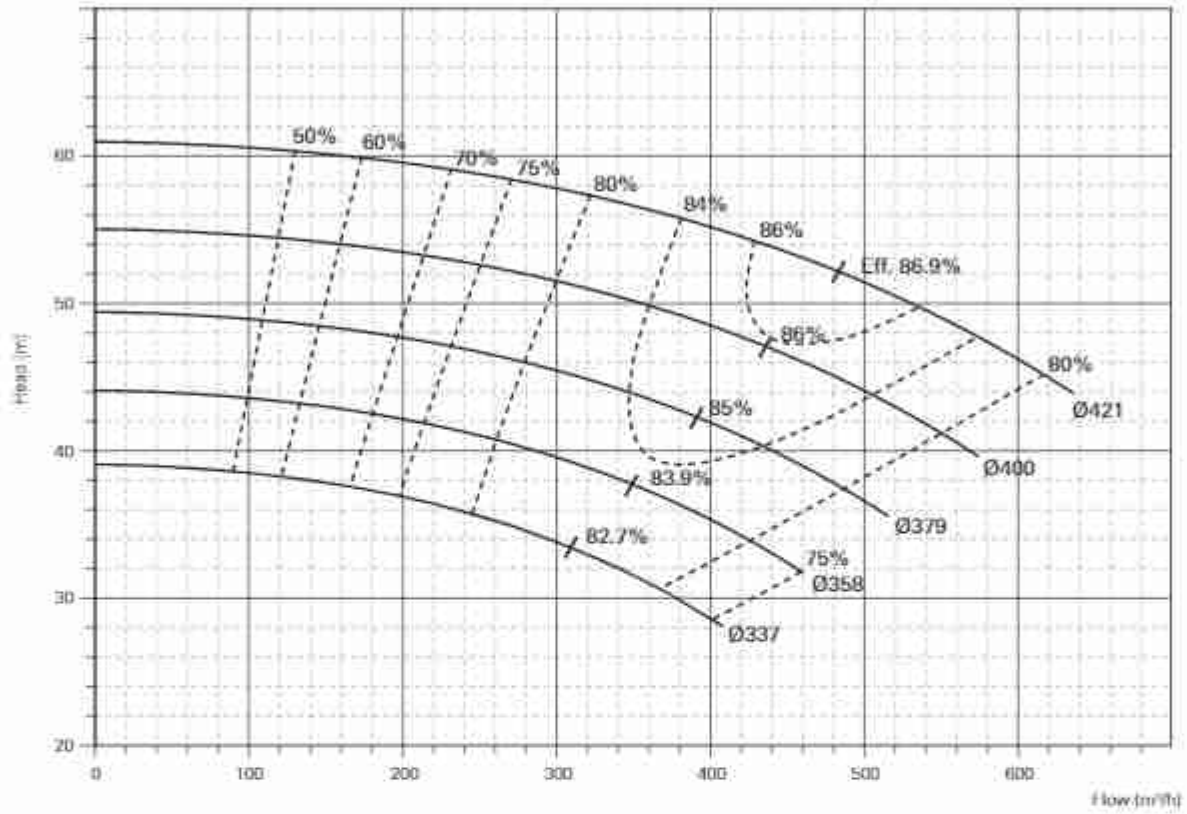
PERFORMANCE CURVE

Model	KEH-150/315
Speed	1450 rpm



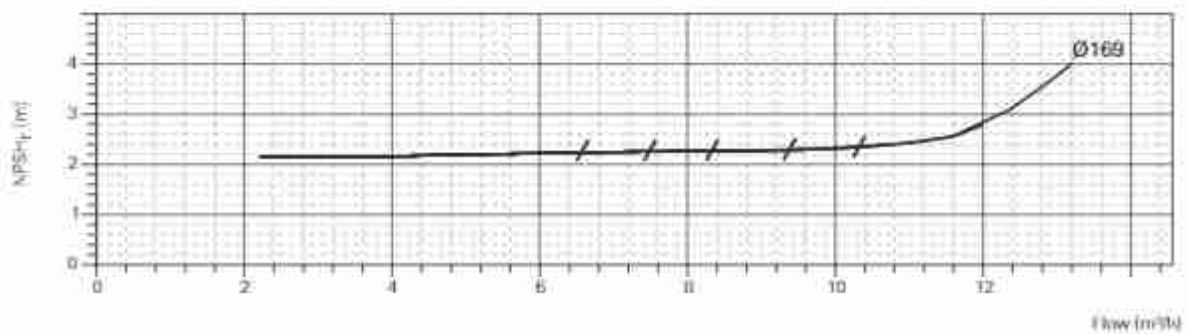
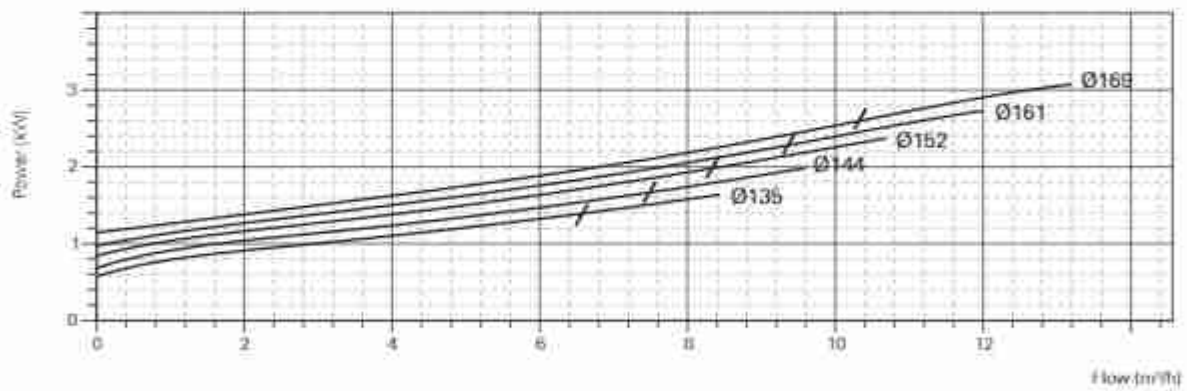
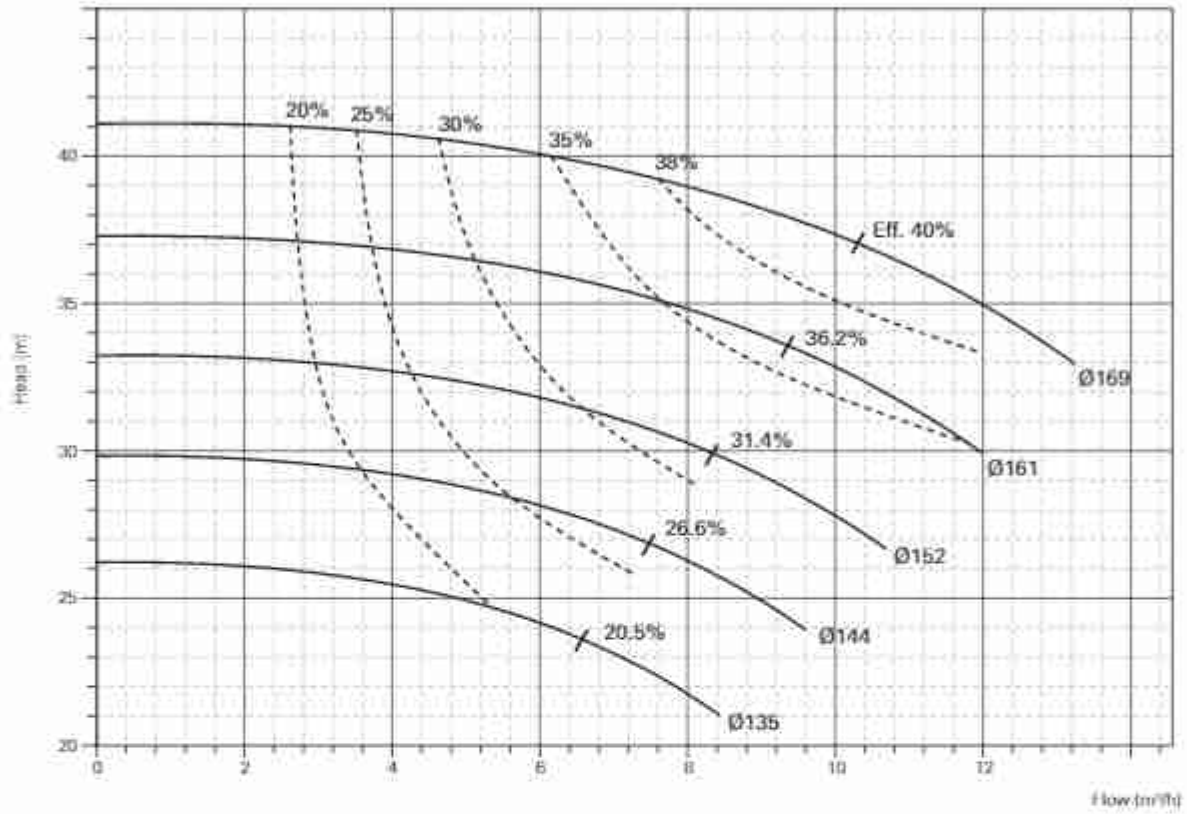
PERFORMANCE CURVE

Model	KEH-150/400
Speed	1450 rpm



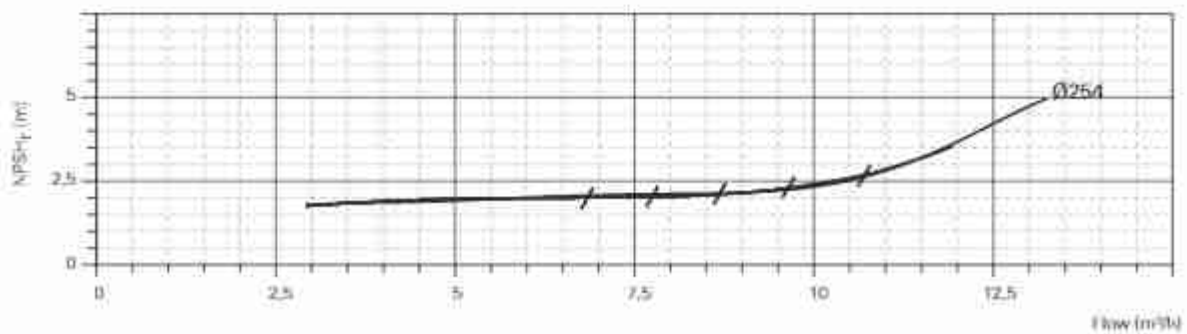
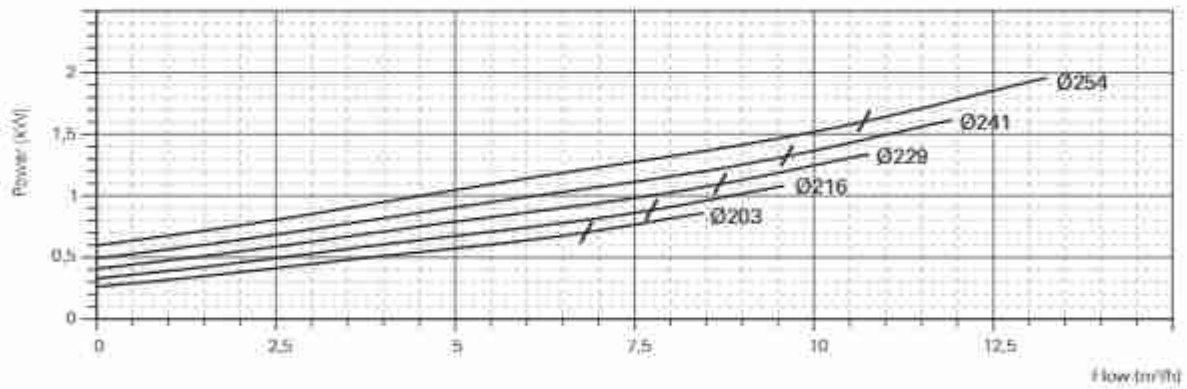
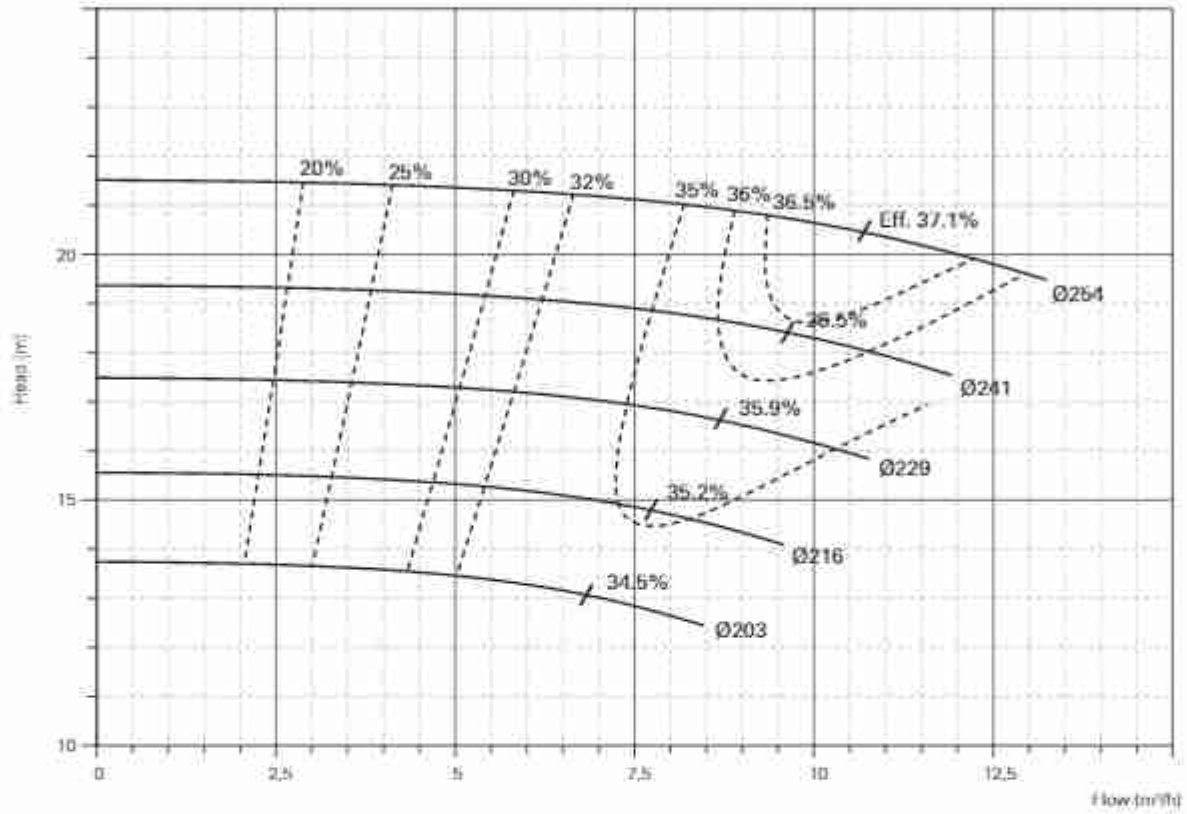
PERFORMANCE CURVE

Model	KEH-25/160
Speed	2900 rpm



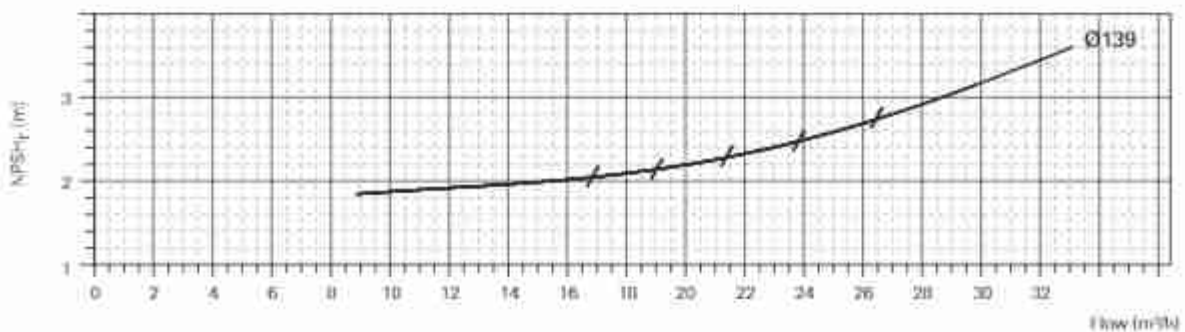
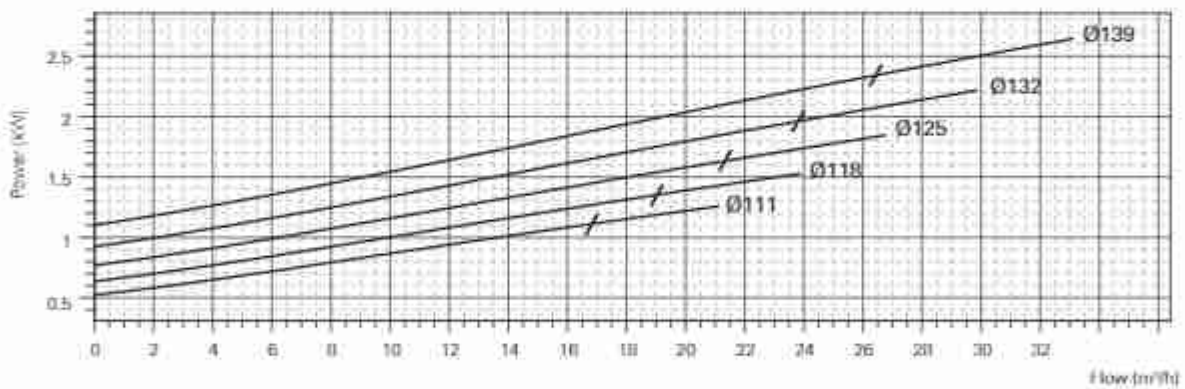
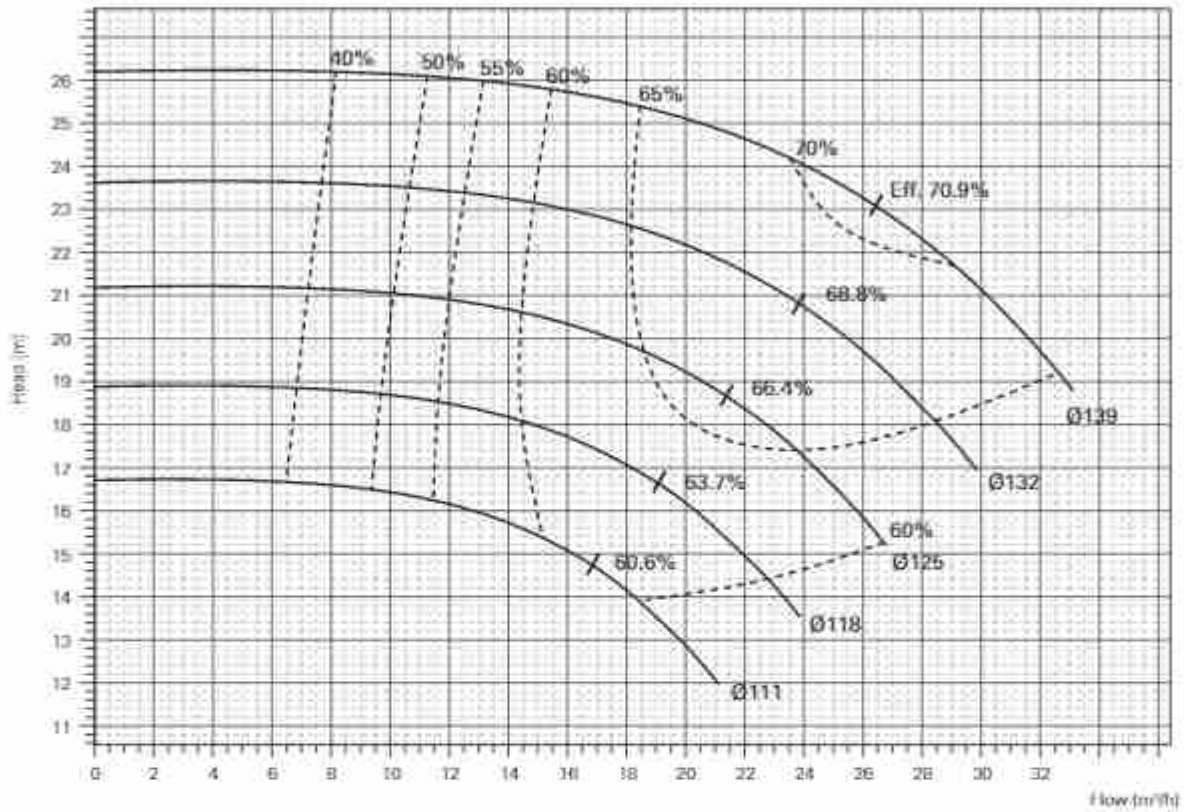
PERFORMANCE CURVE

Model	KEH-25/200
Speed	1450 rpm



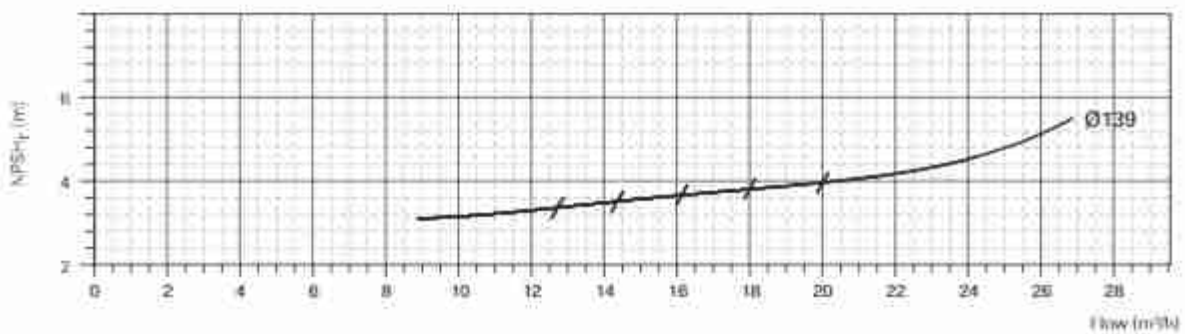
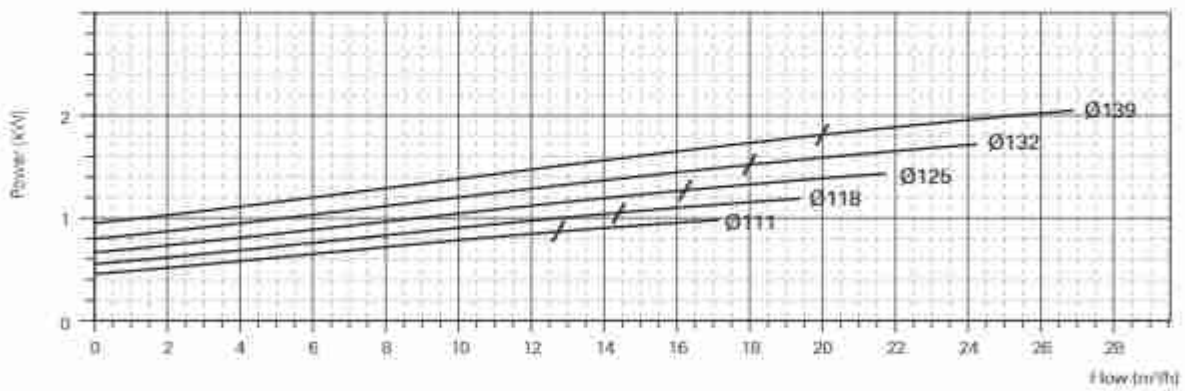
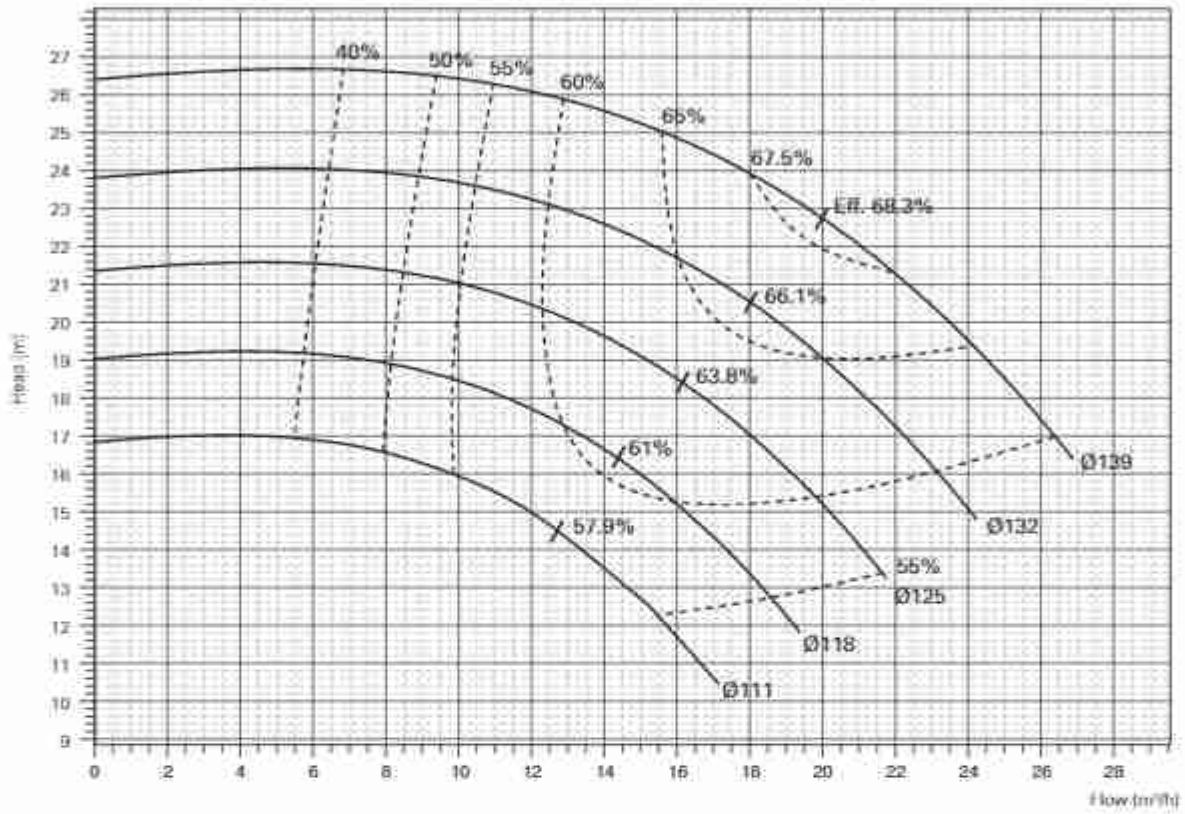
PERFORMANCE CURVE

Model	KEH-32/125
Speed	2900 rpm



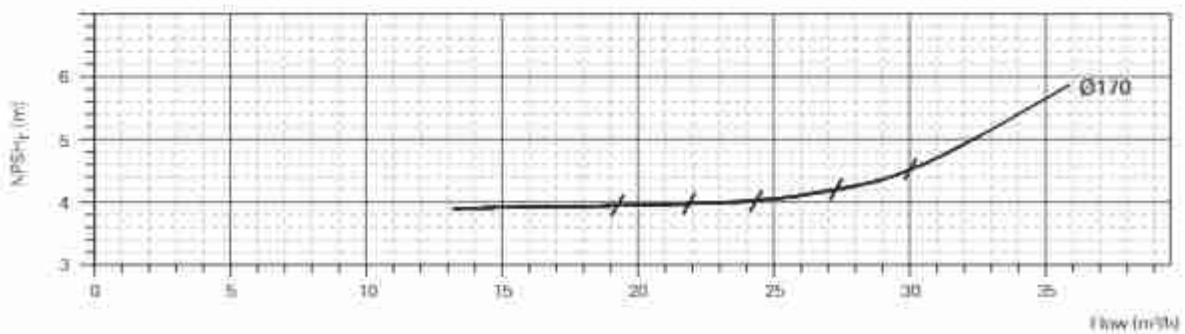
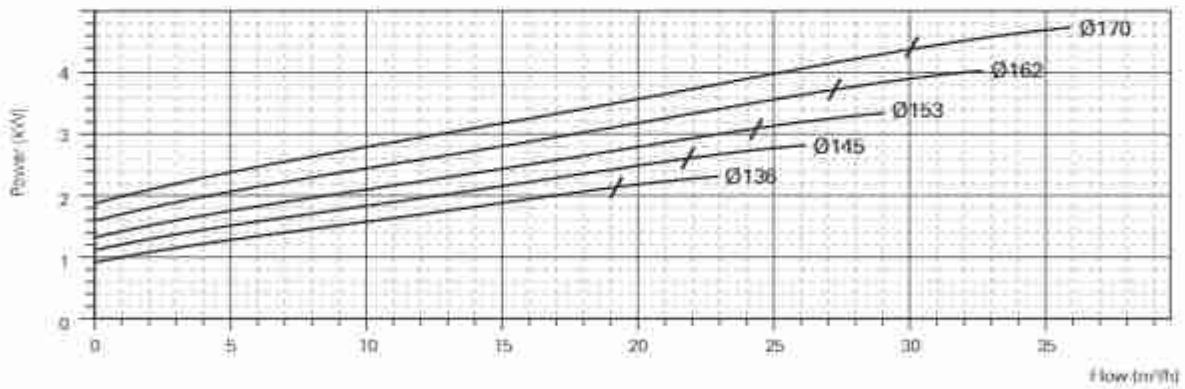
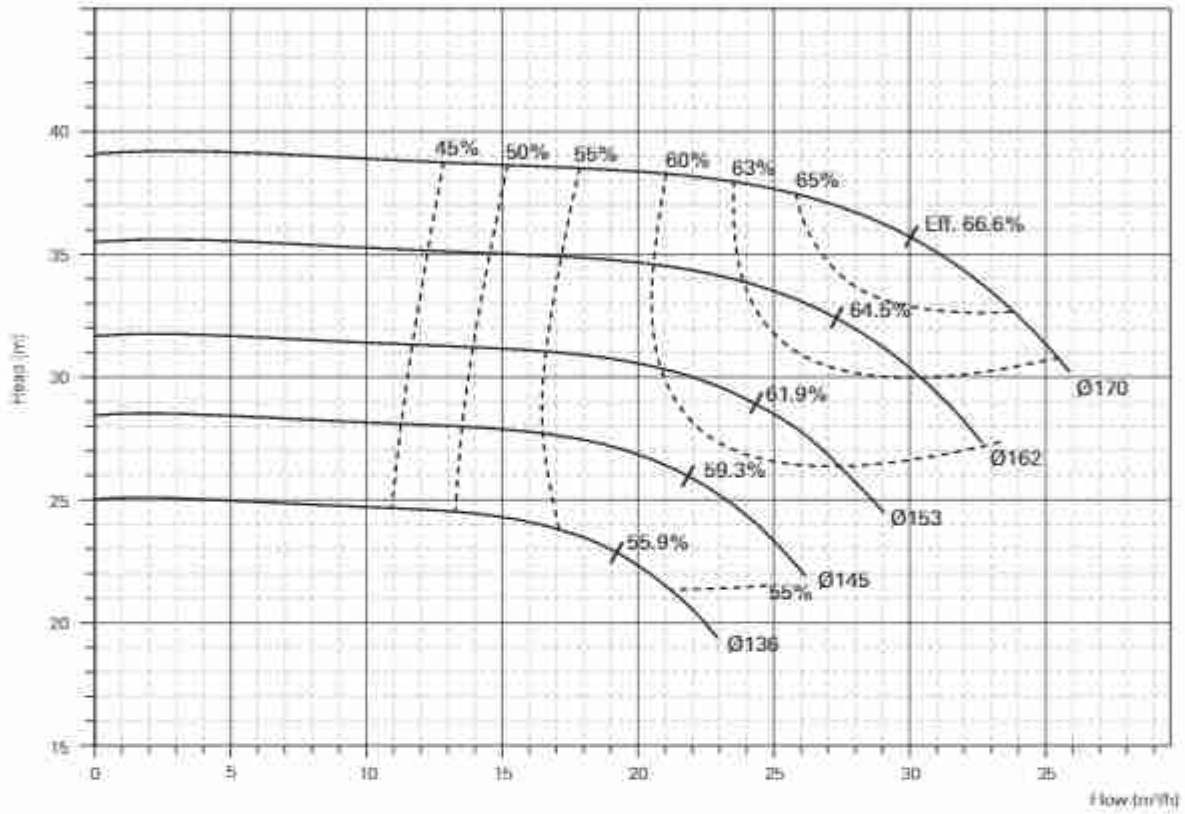
PERFORMANCE CURVE

Model	KEH-32/125E
Speed	2900 rpm



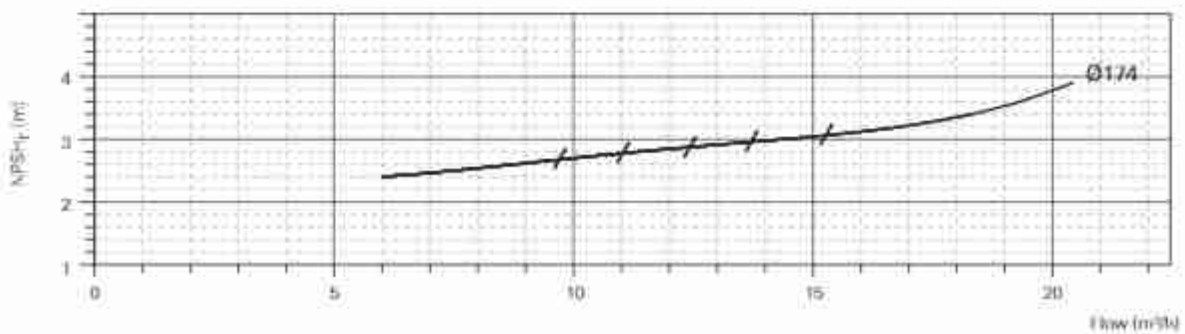
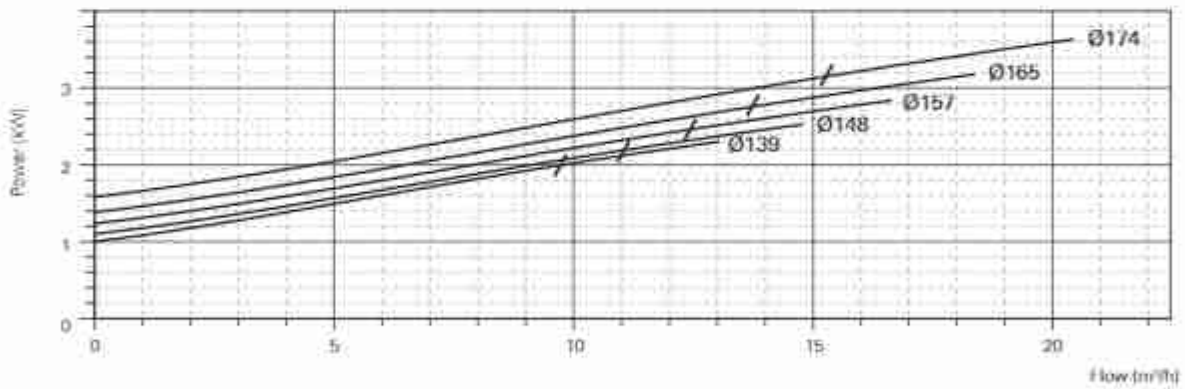
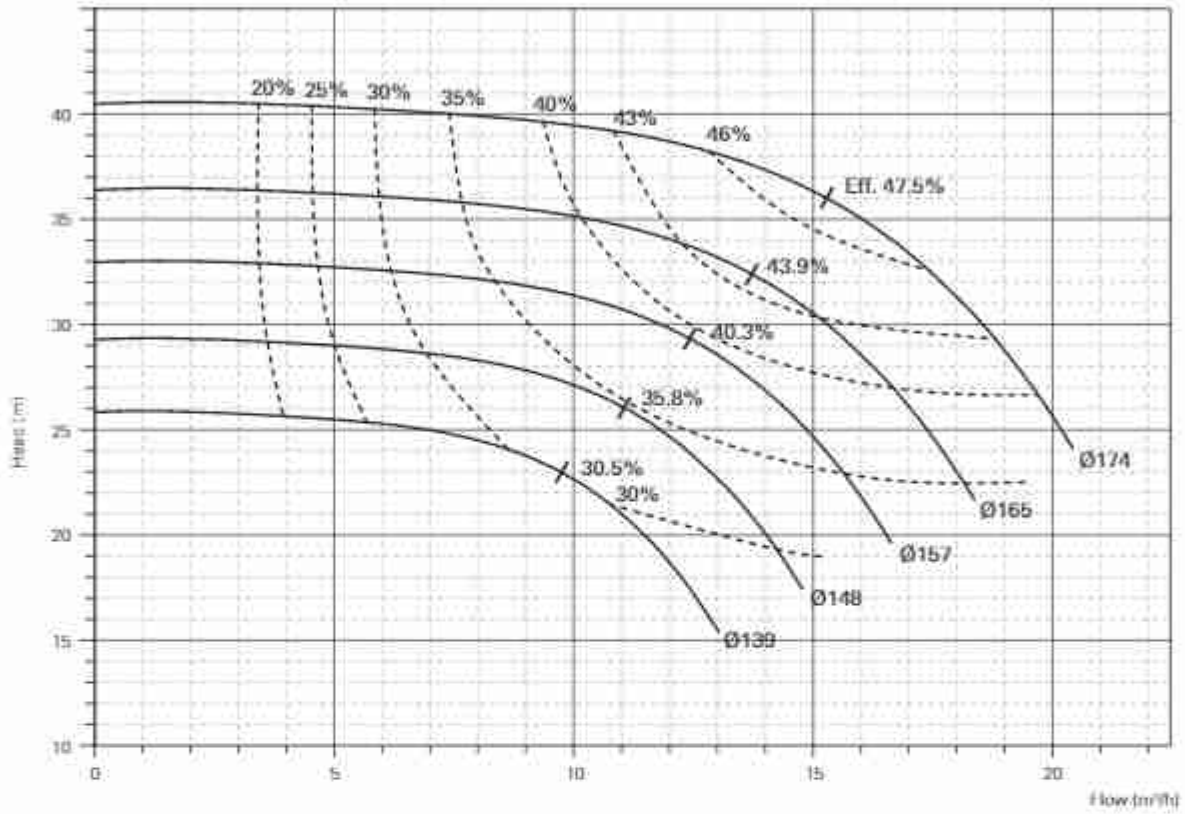
PERFORMANCE CURVE

Model	KEH-32/160
Speed	2900 rpm



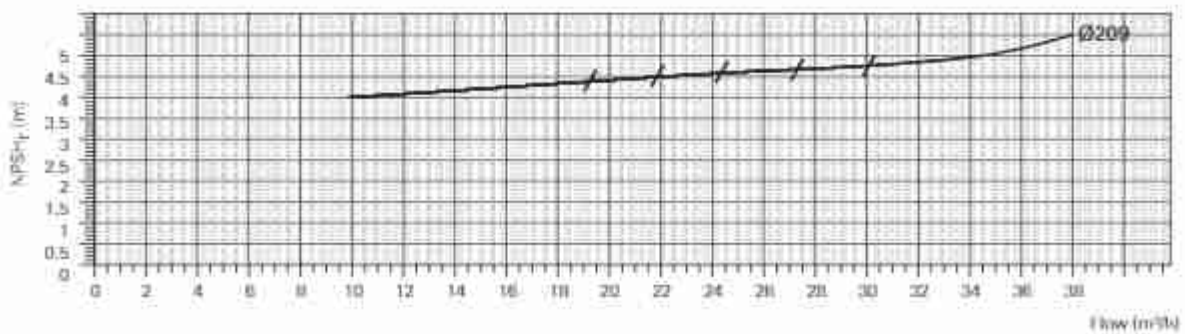
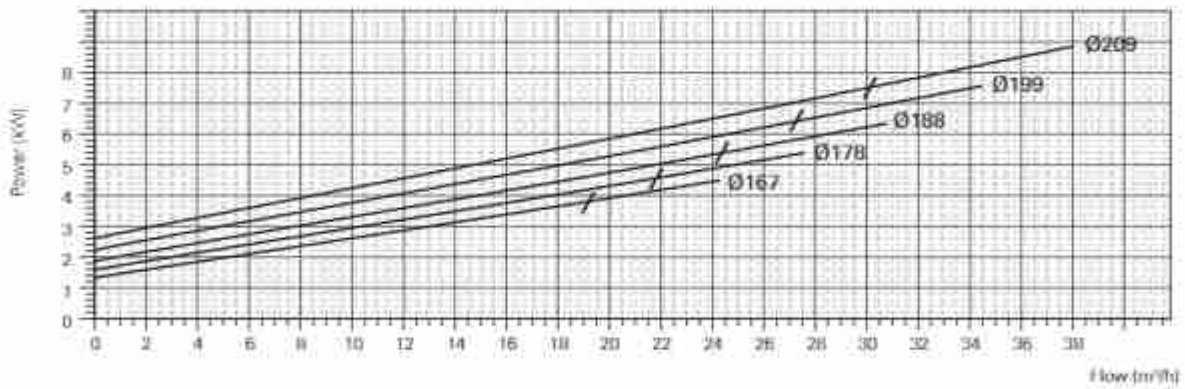
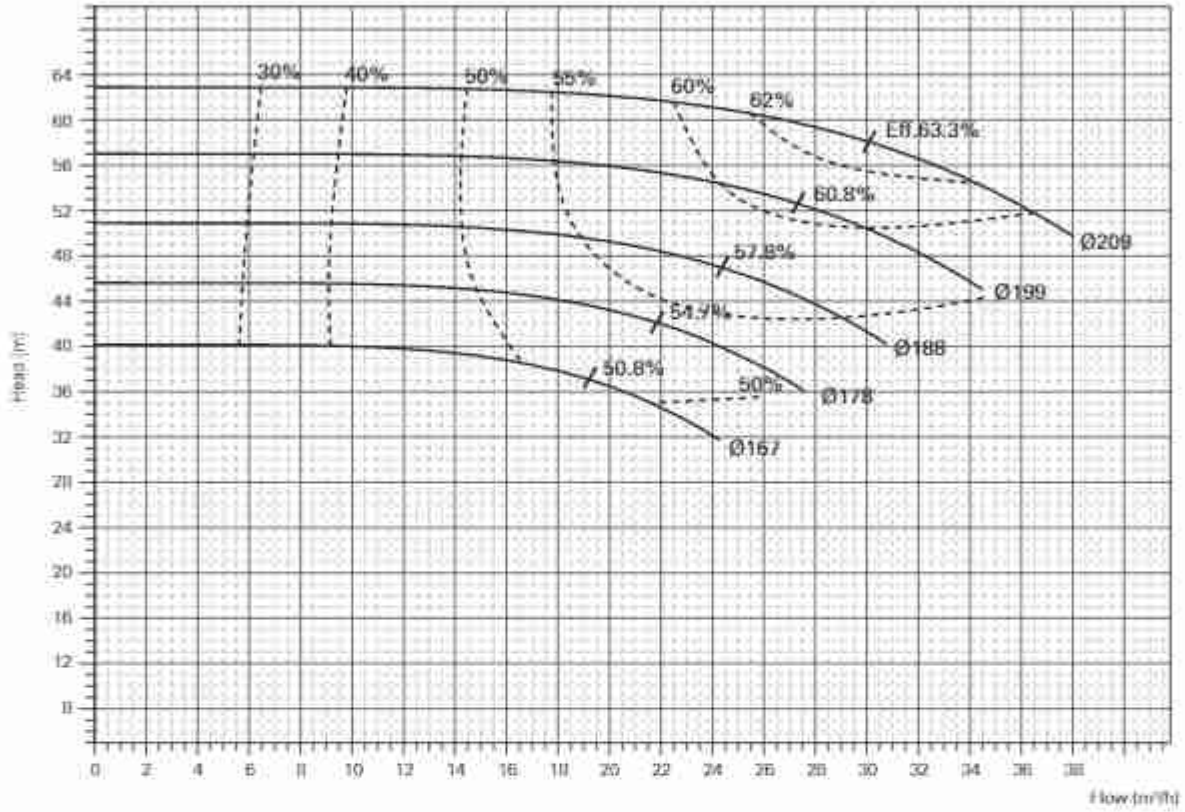
PERFORMANCE CURVE

Model	KEH-32/160
Speed	2900 rpm



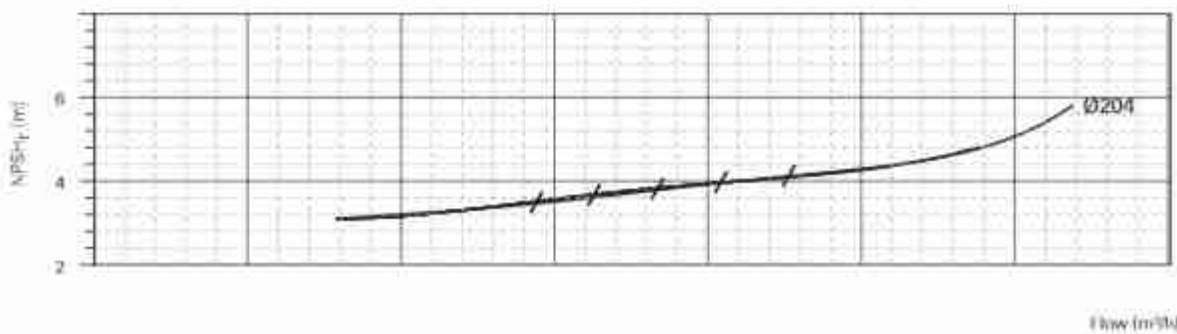
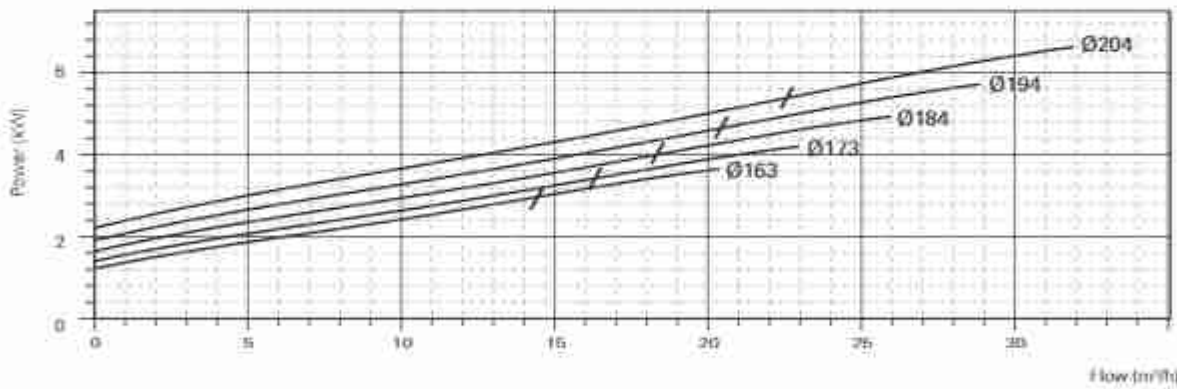
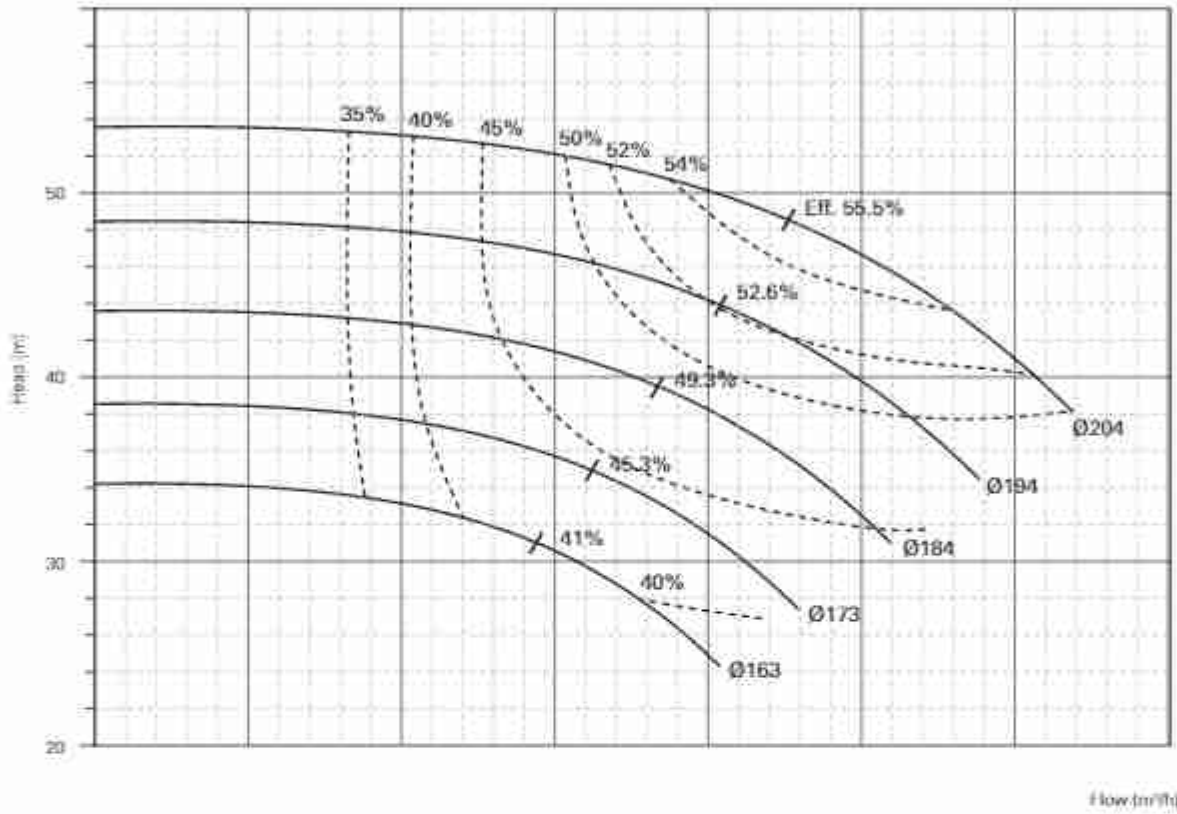
PERFORMANCE CURVE

Model	KEH-32/200
Speed	2900 rpm



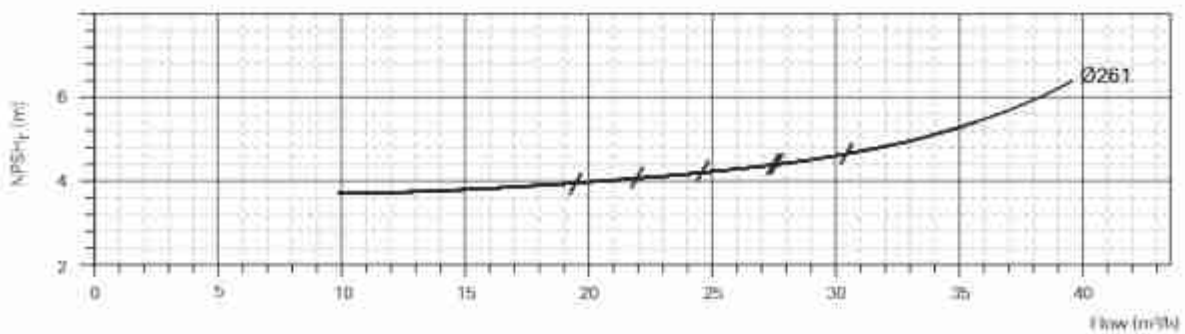
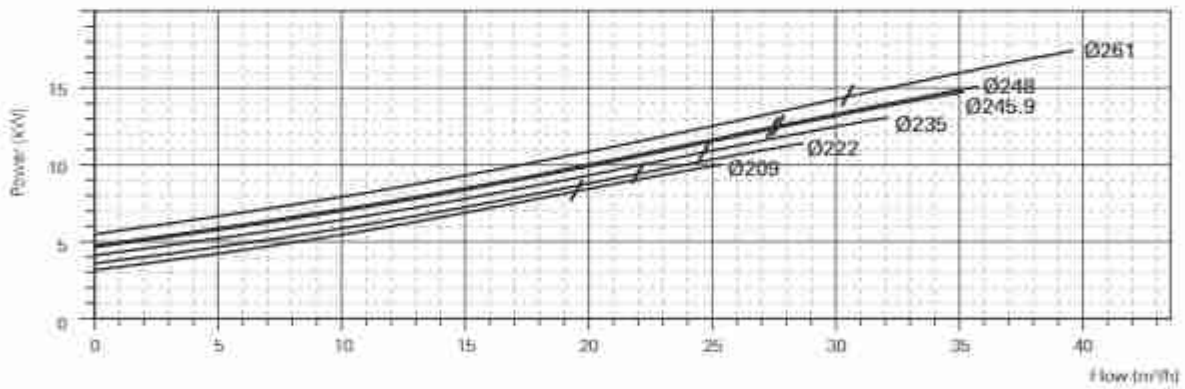
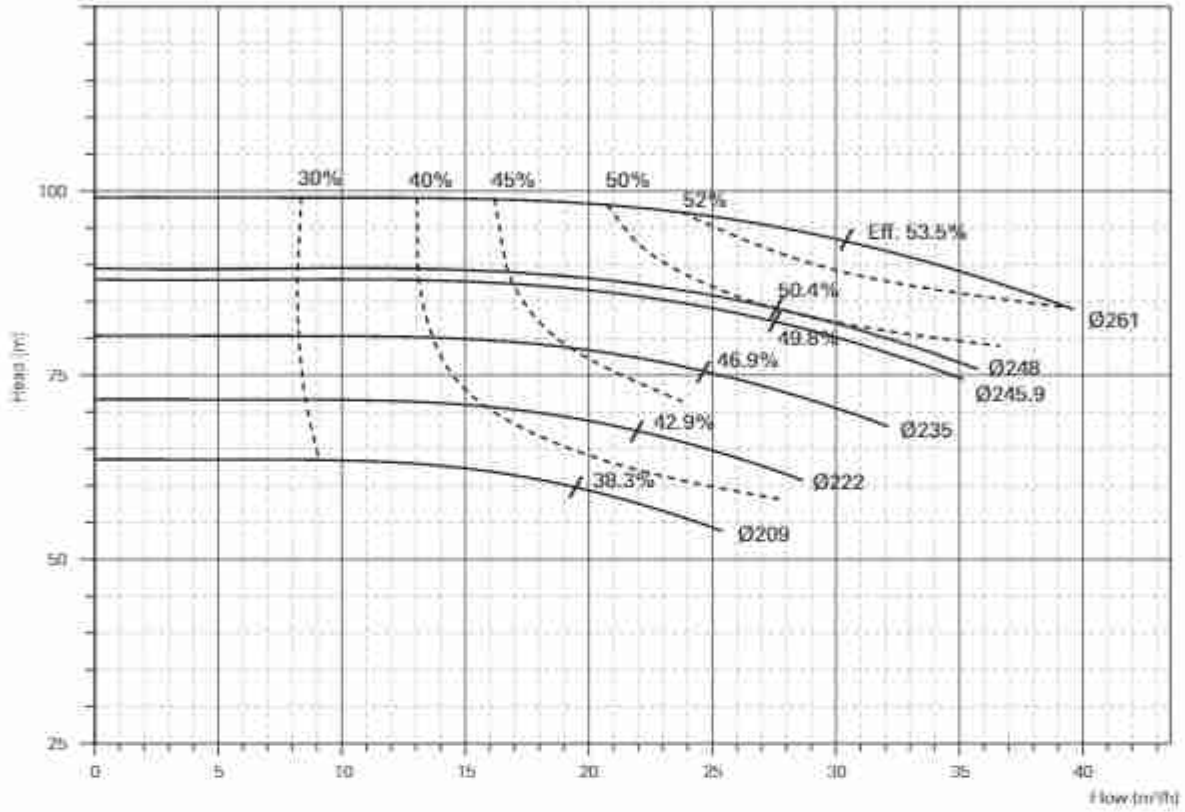
PERFORMANCE CURVE

Model	KEH-32/200E
Speed	2900 rpm



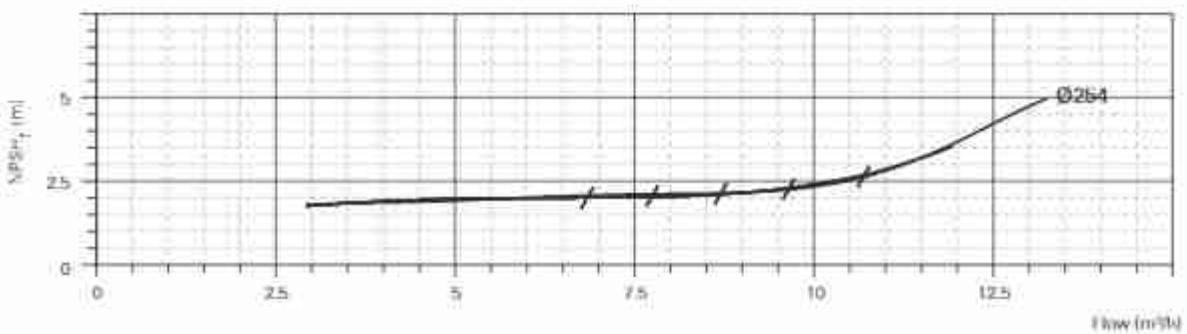
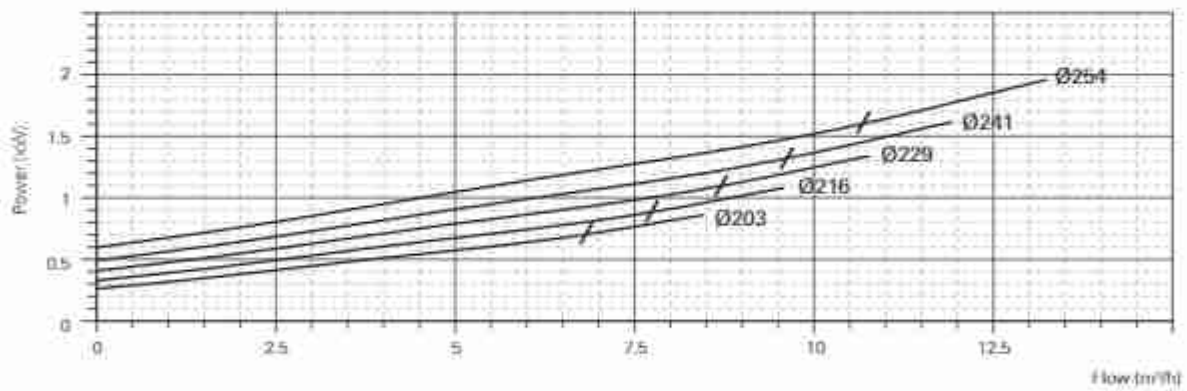
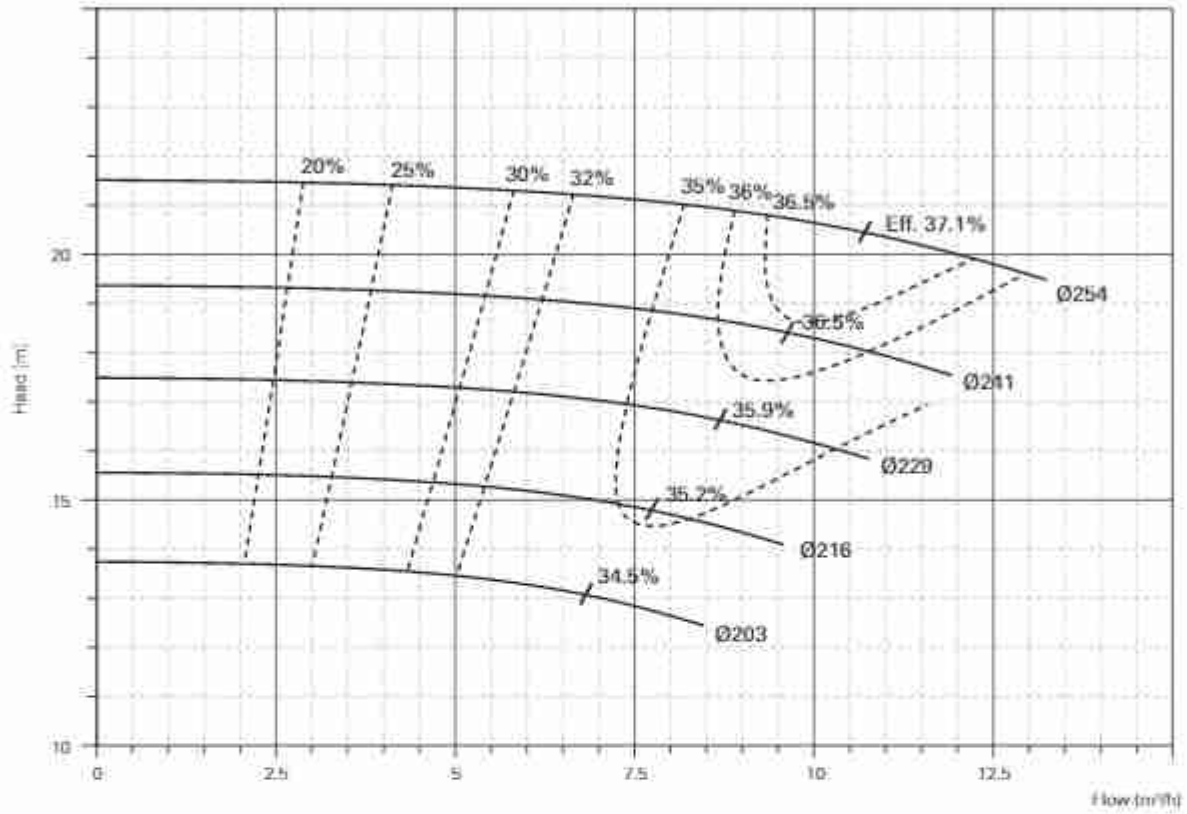
PERFORMANCE CURVE

Model	KEH-32/250
Speed	2900 rpm



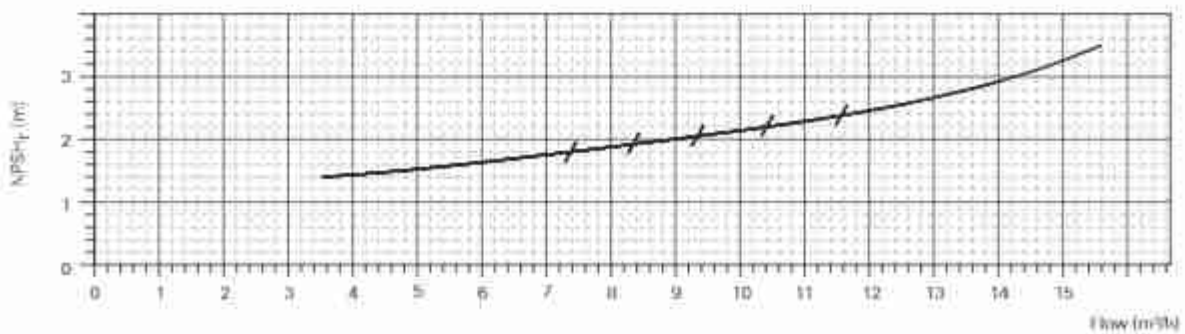
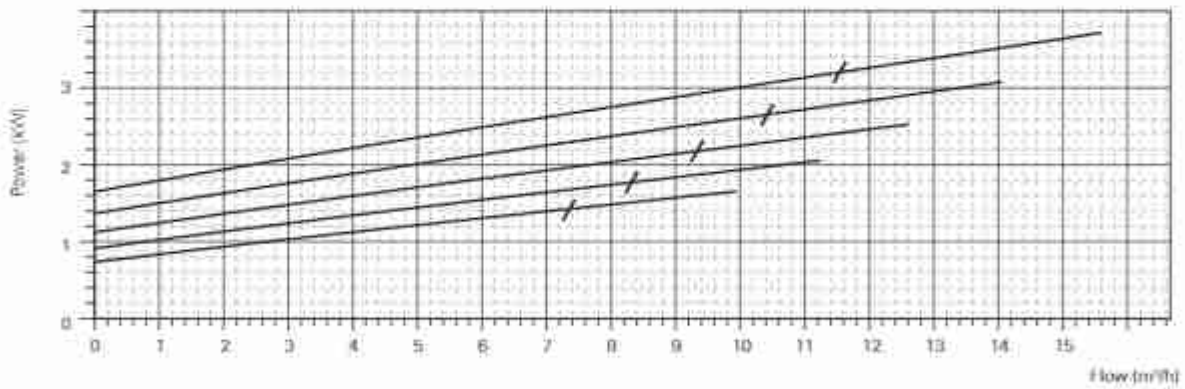
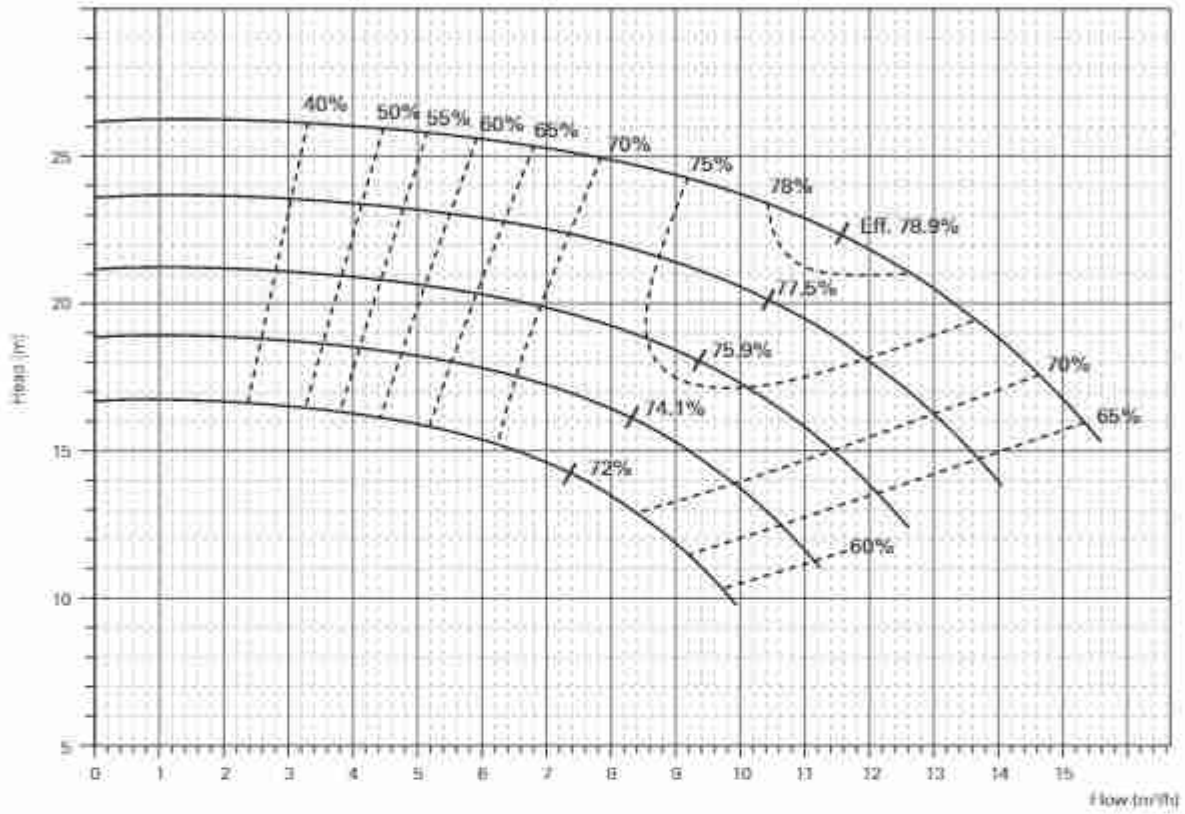
PERFORMANCE CURVE

Model	KEH-32/250E
Speed	1450 rpm



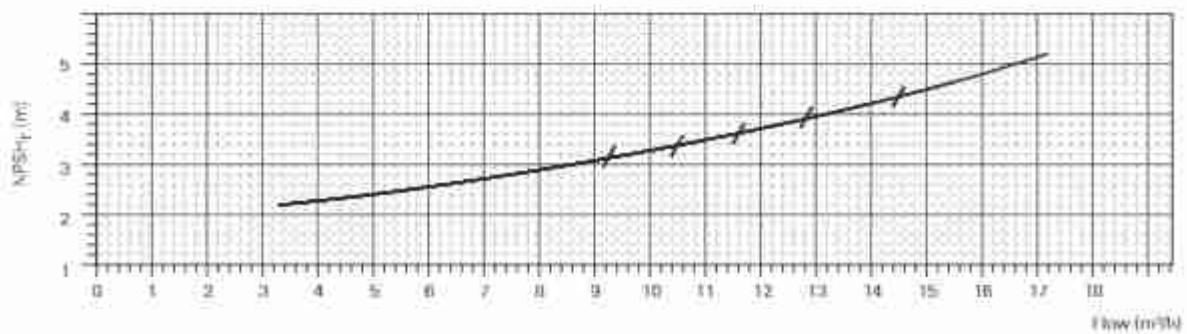
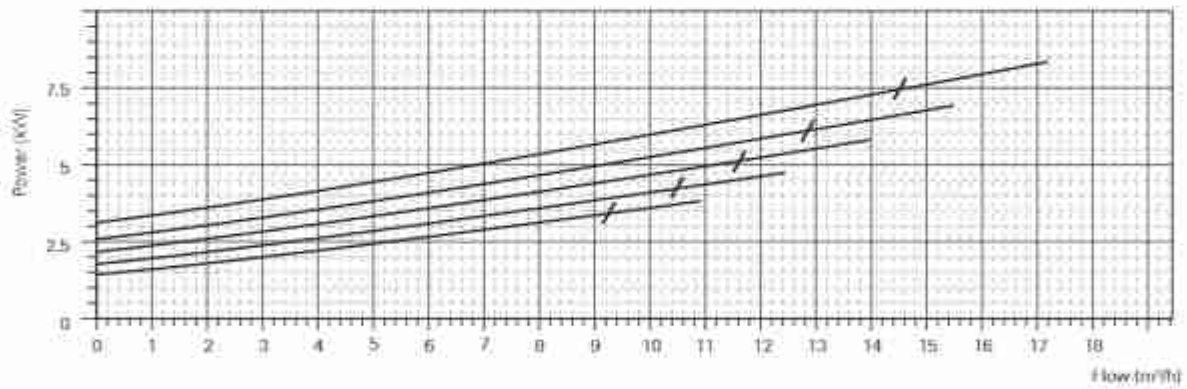
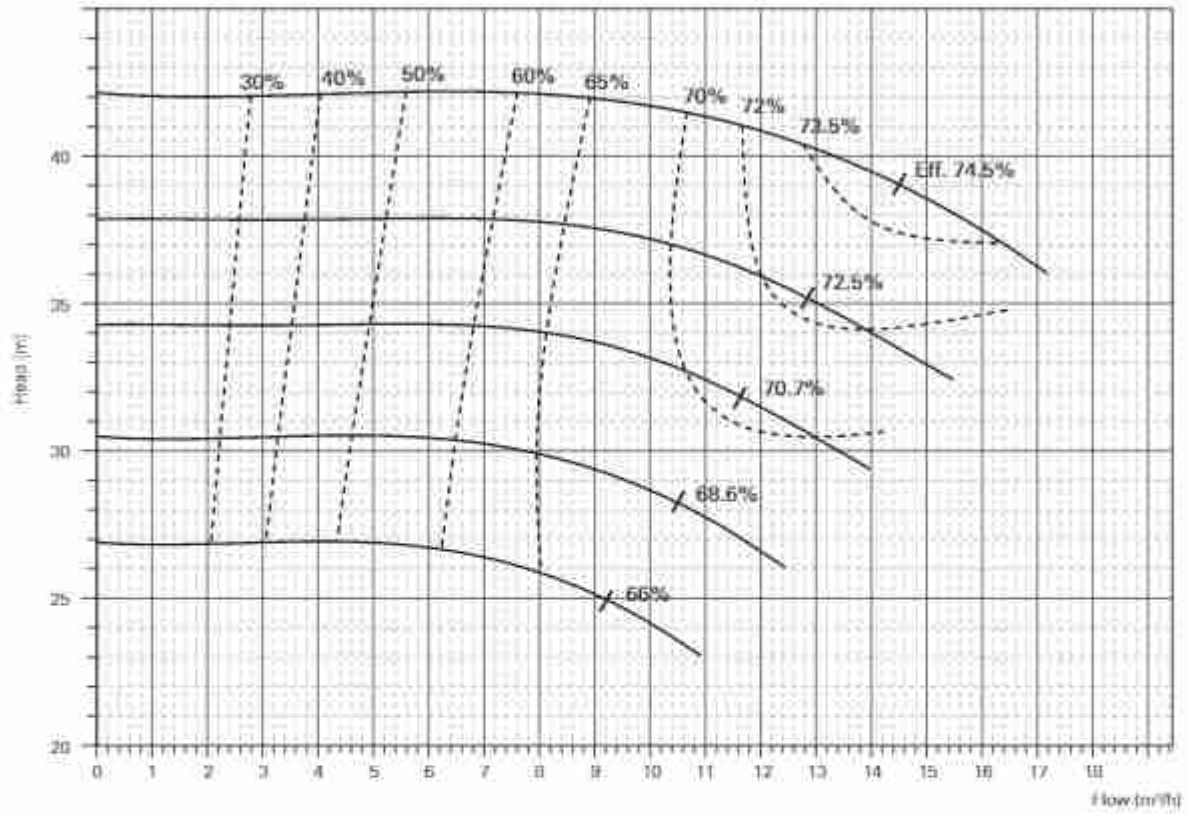
PERFORMANCE CURVE

Model	KEH-40/125
Speed	2900 rpm



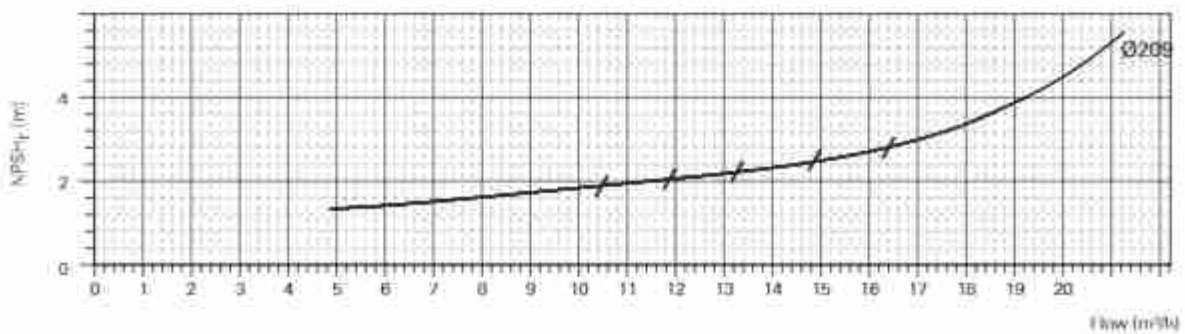
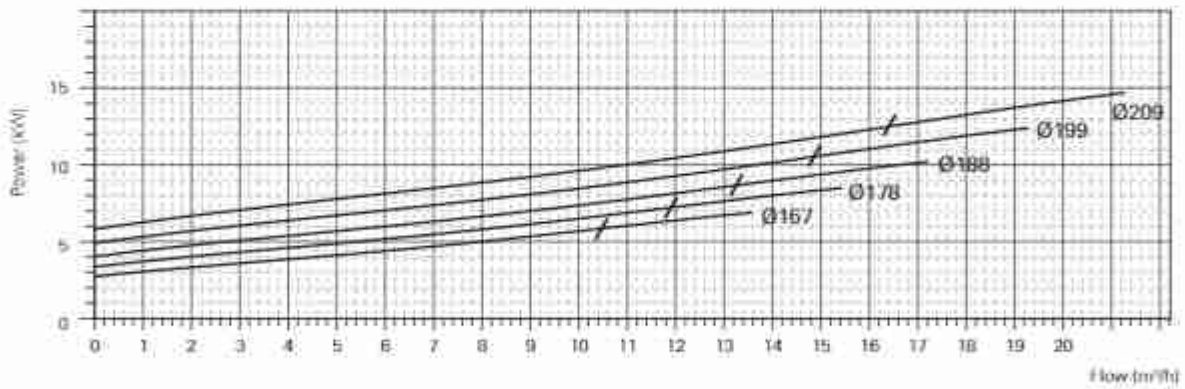
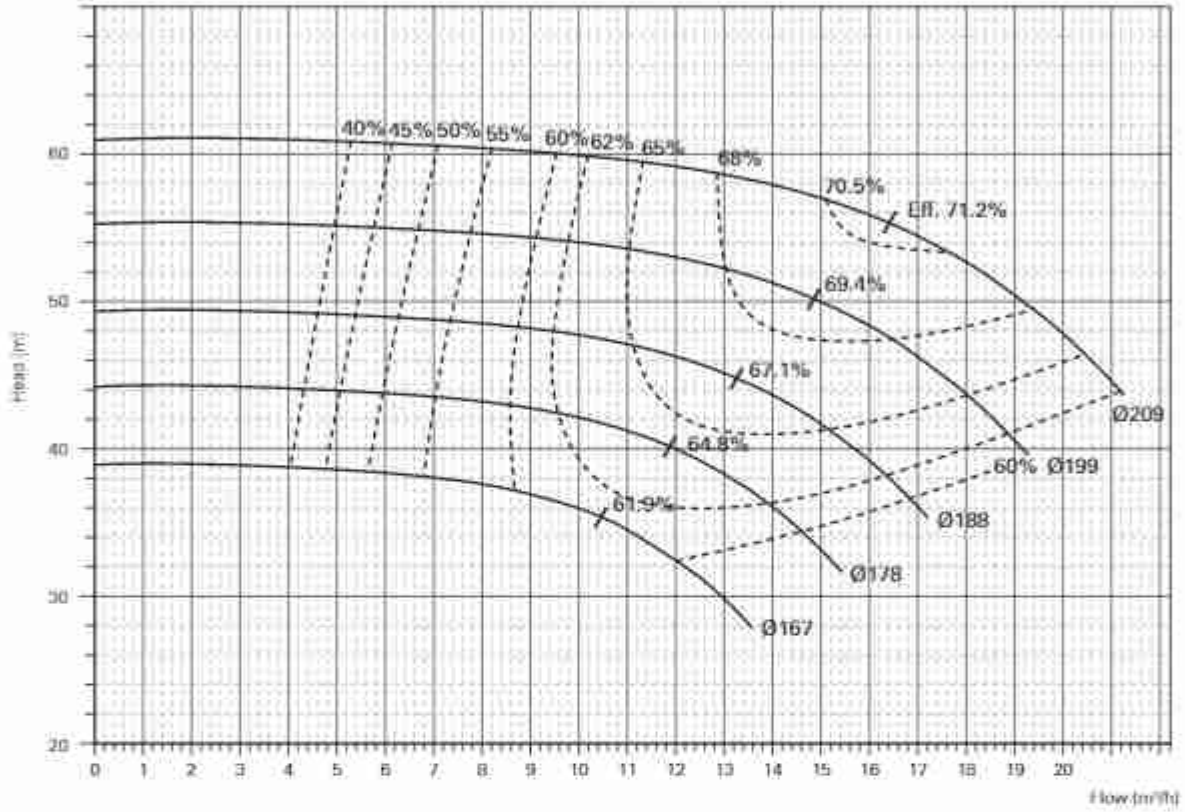
PERFORMANCE CURVE

Model	KEH-40/160
Speed	2900 rpm



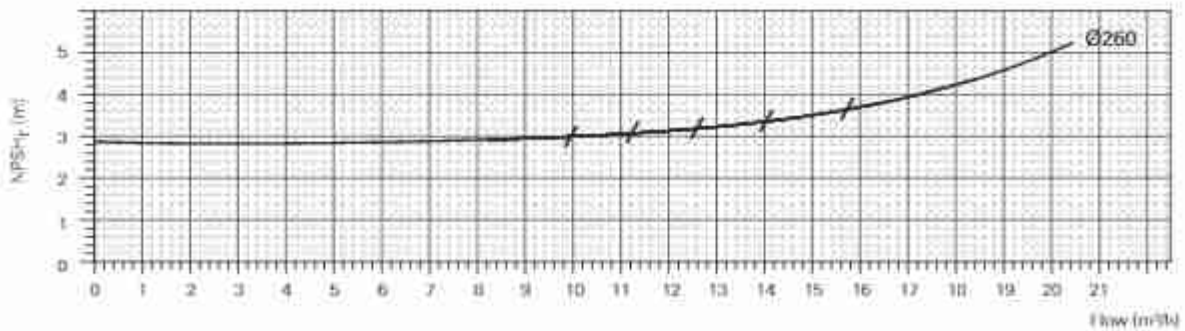
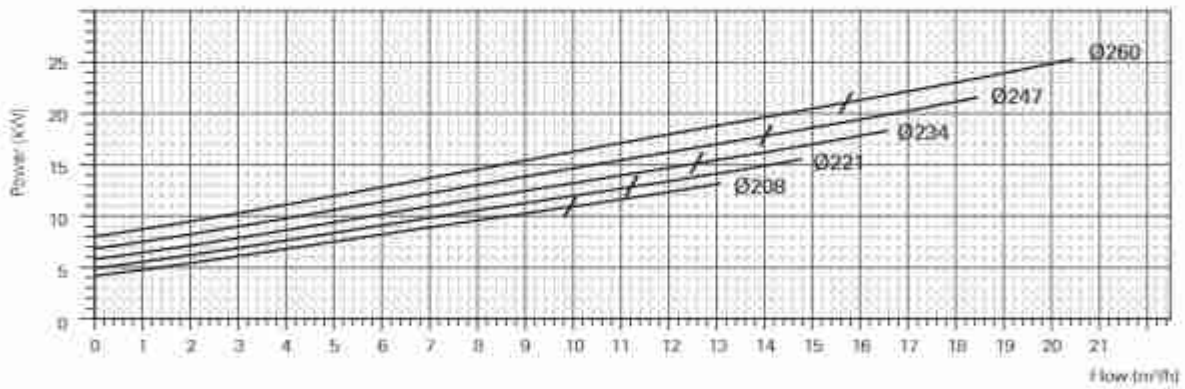
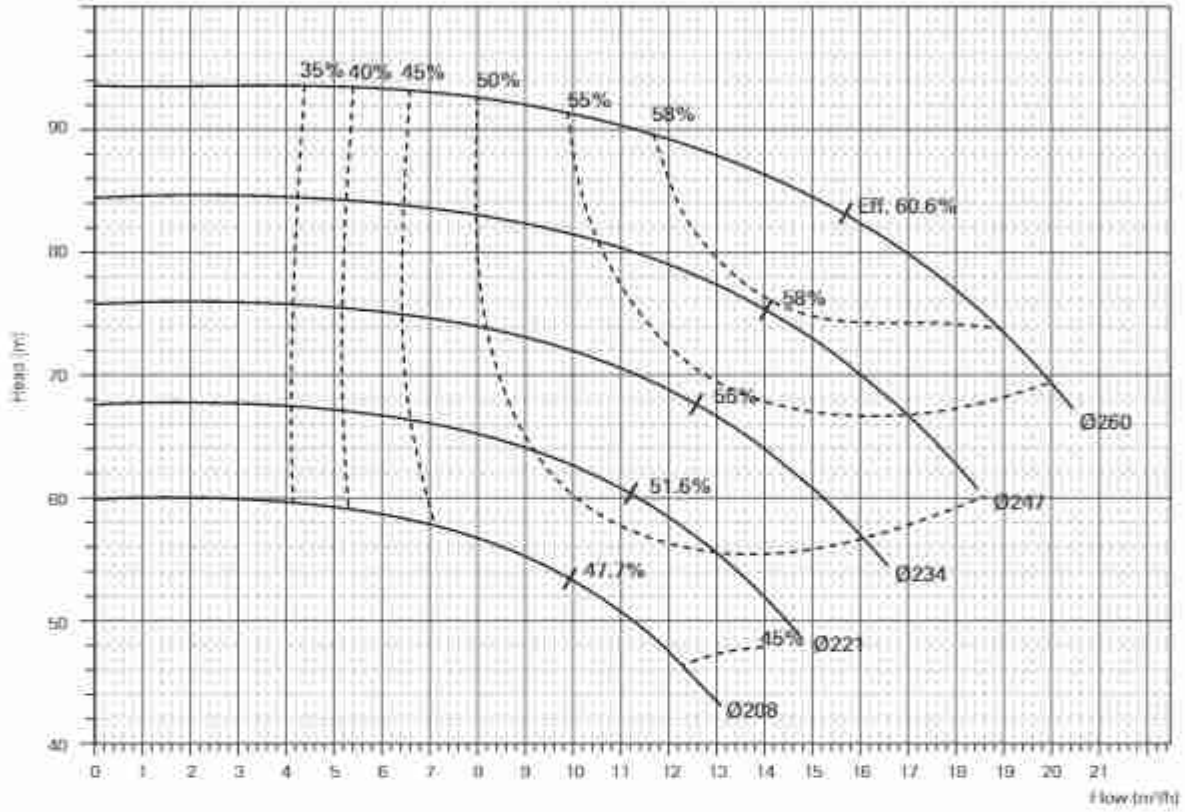
PERFORMANCE CURVE

Model	KEH-40/200
Speed	2900 rpm



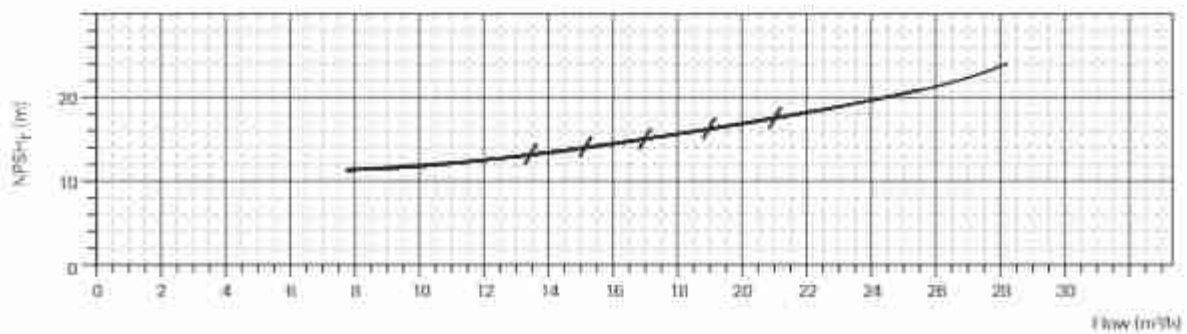
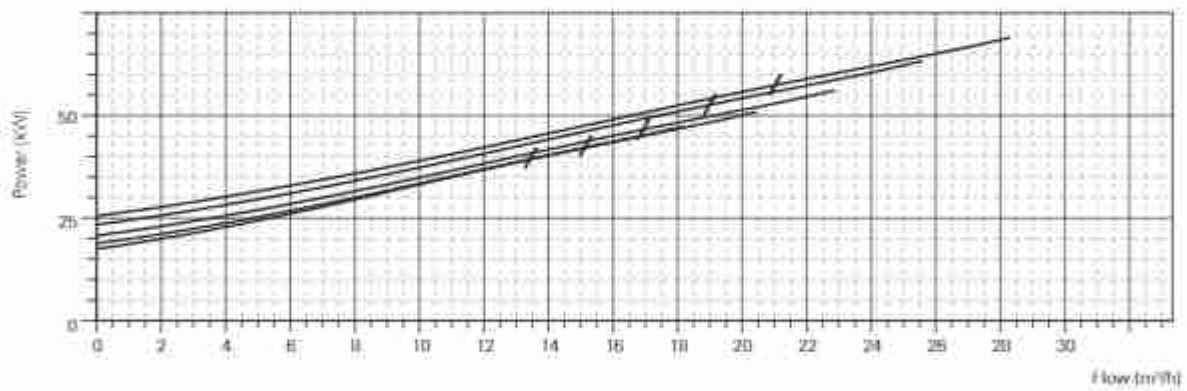
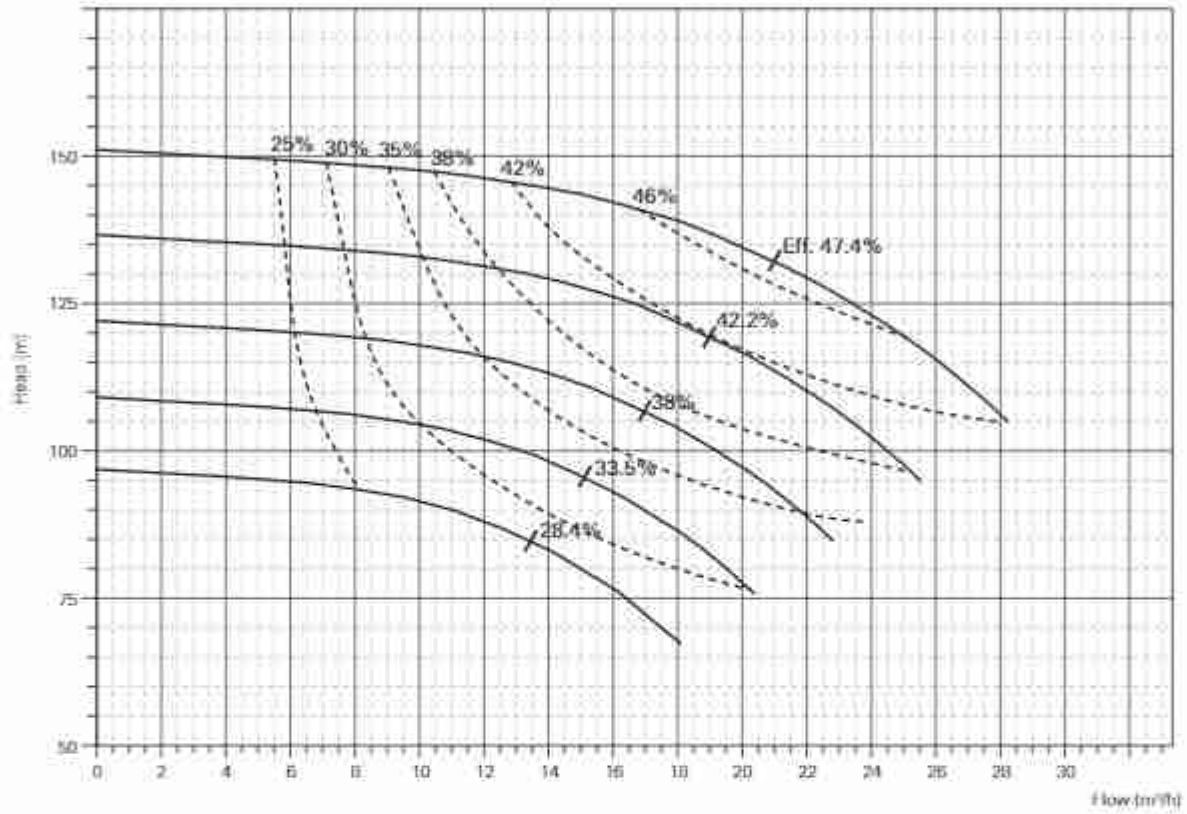
PERFORMANCE CURVE

Model	KEH-40/250
Speed	2900 rpm



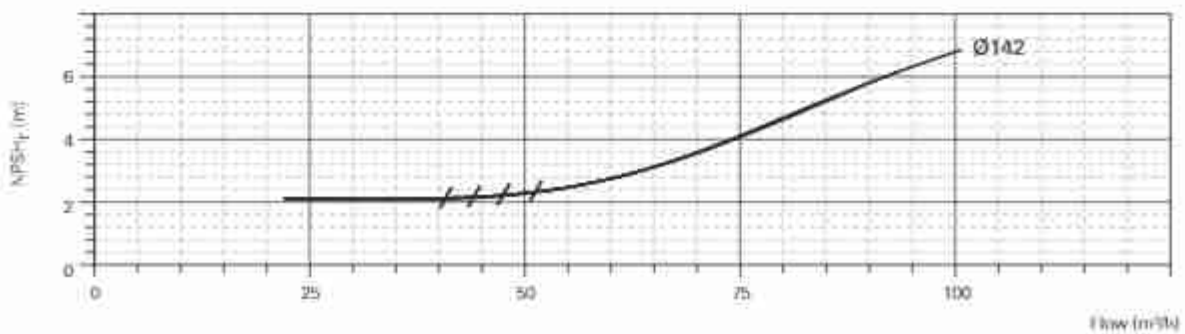
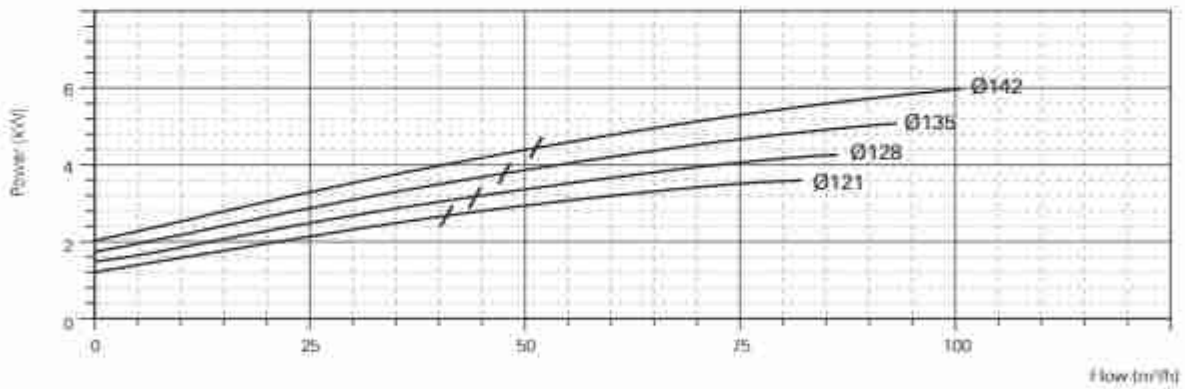
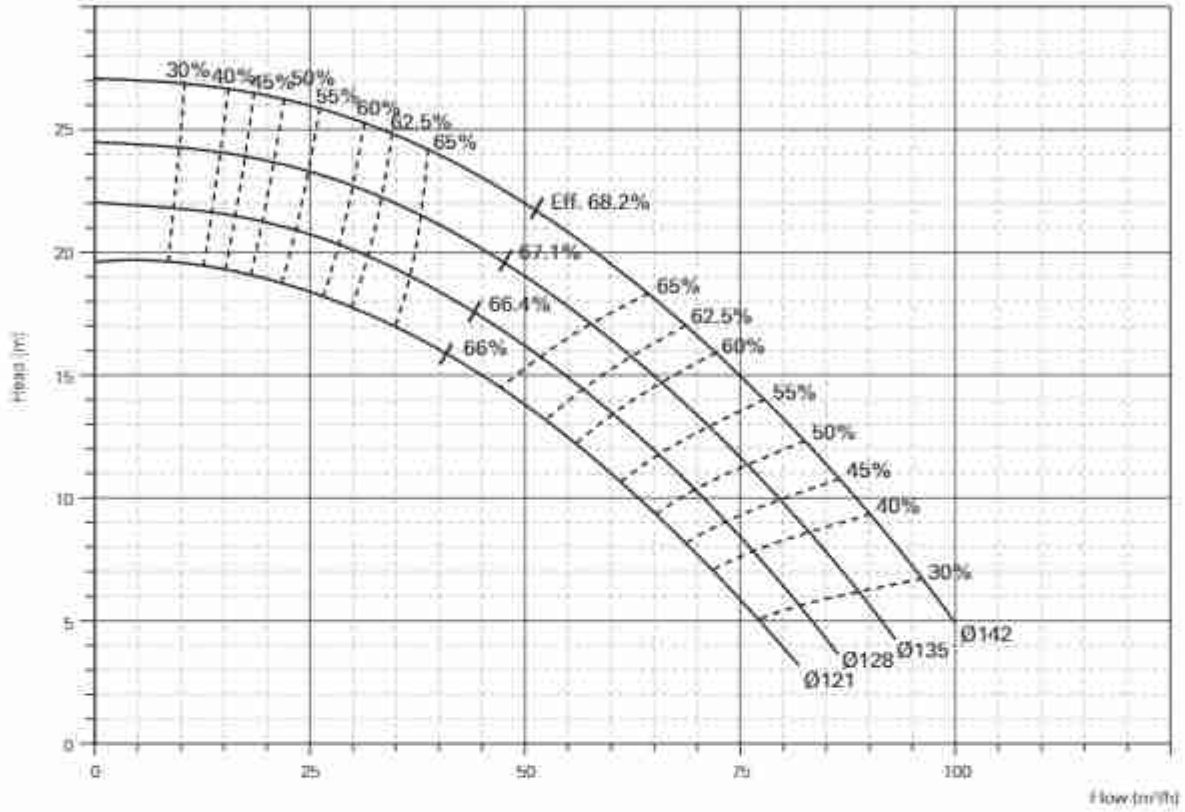
PERFORMANCE CURVE

Model	KEH-40/315
Speed	2900 rpm



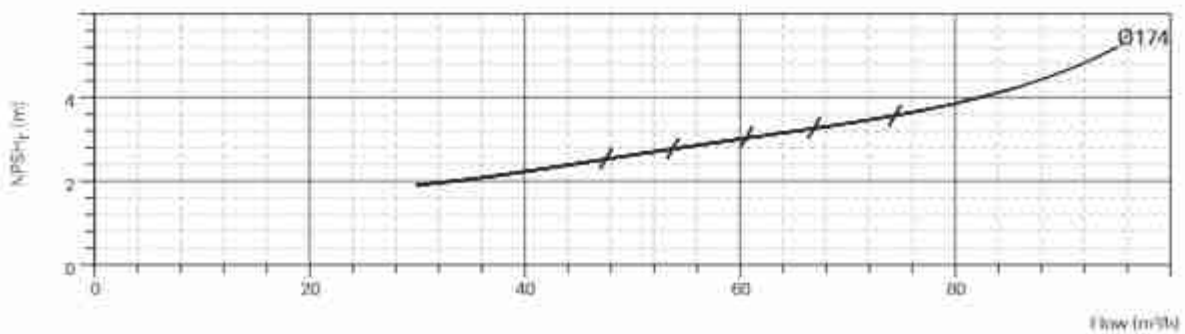
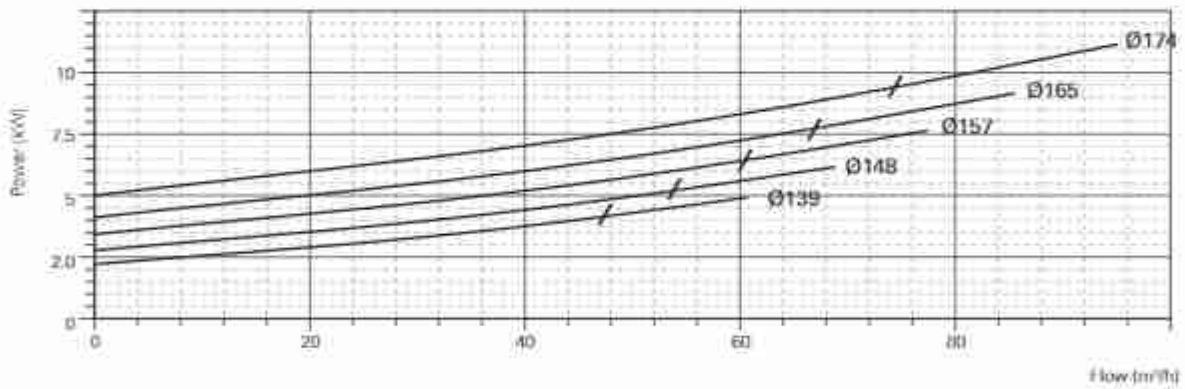
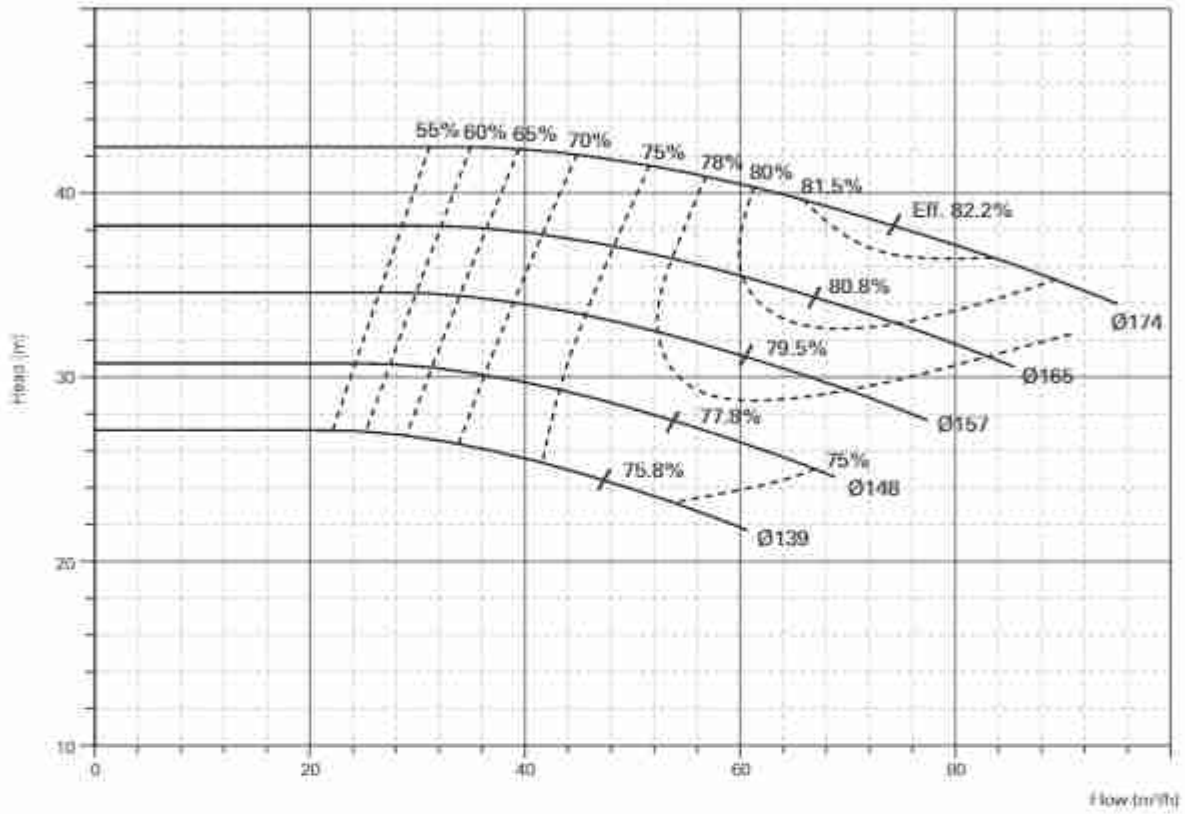
PERFORMANCE CURVE

Model	KEH-50/125
Speed	2900 rpm



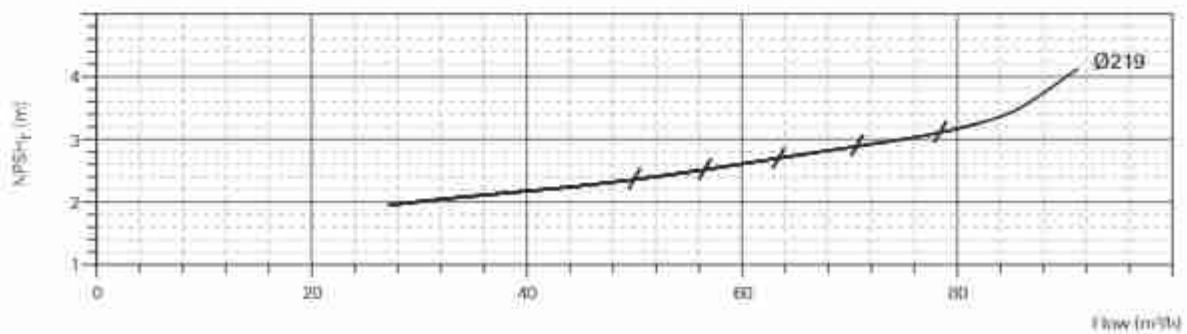
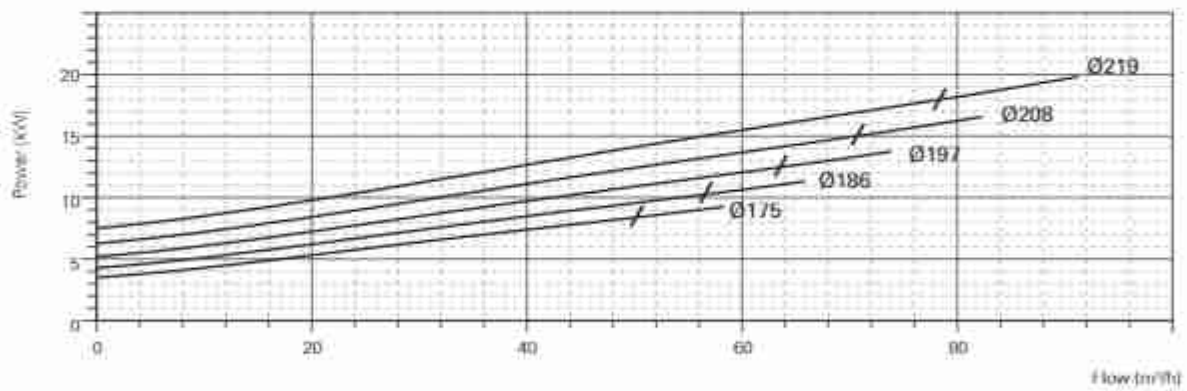
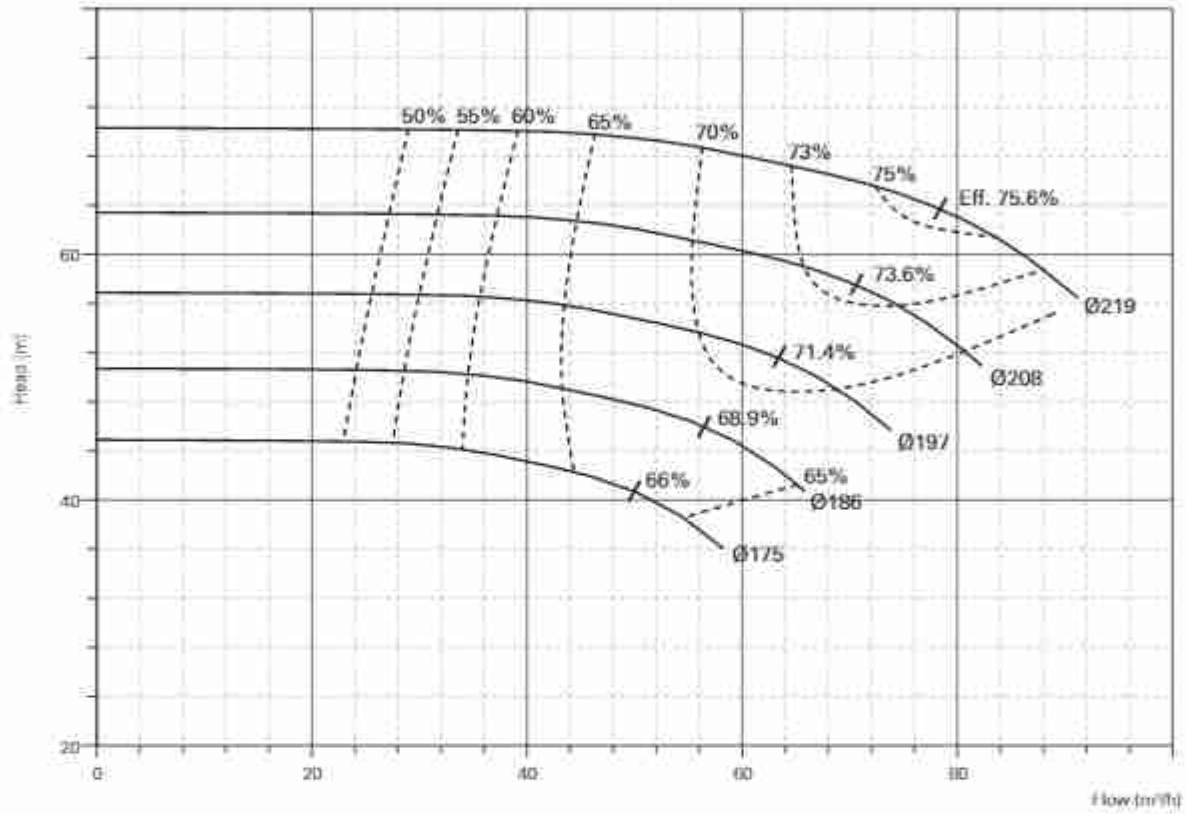
PERFORMANCE CURVE

Model	KEH-50/160
Speed	2900 rpm



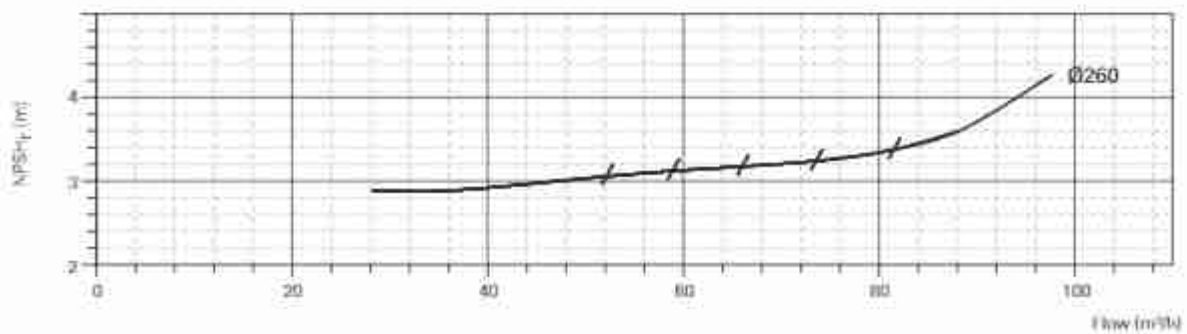
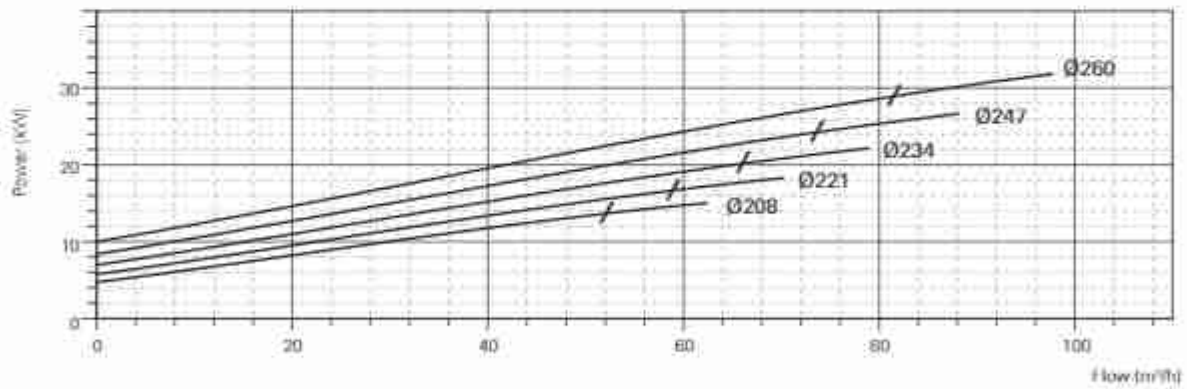
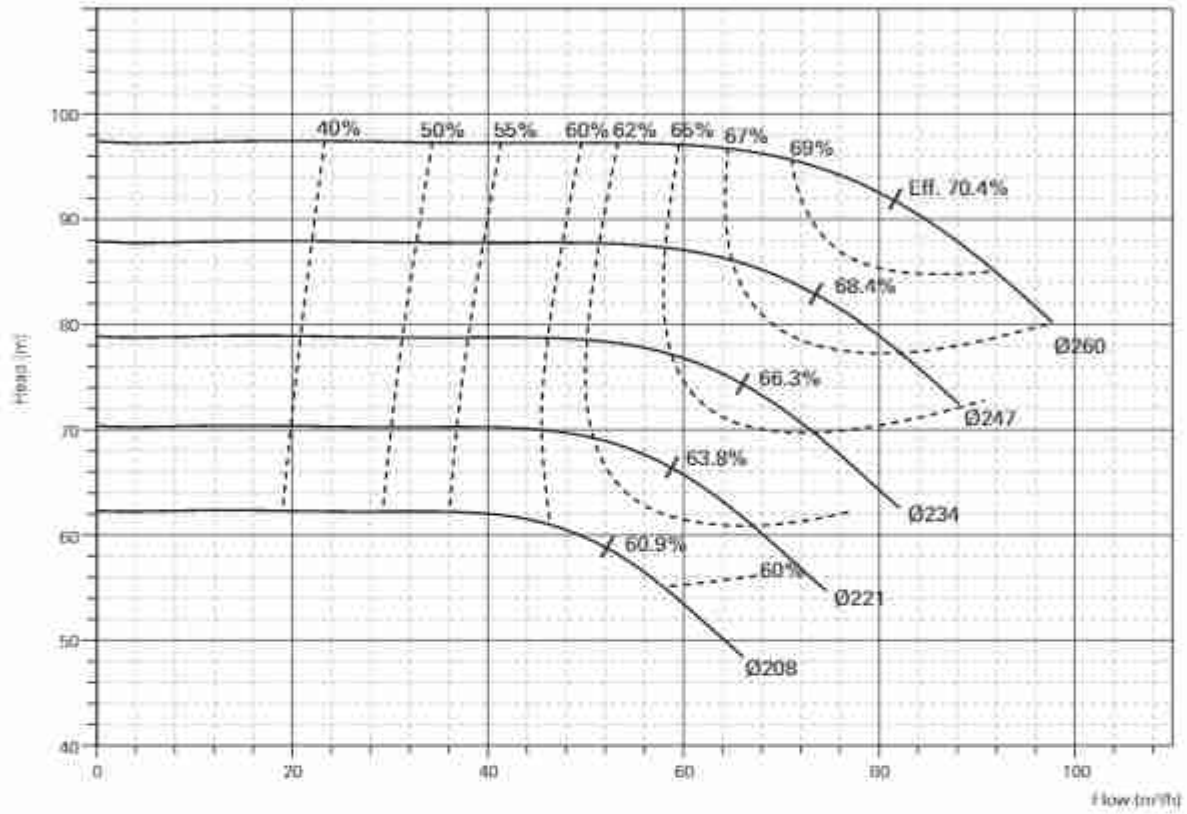
PERFORMANCE CURVE

Model	KEH-50/200
Speed	2900 rpm



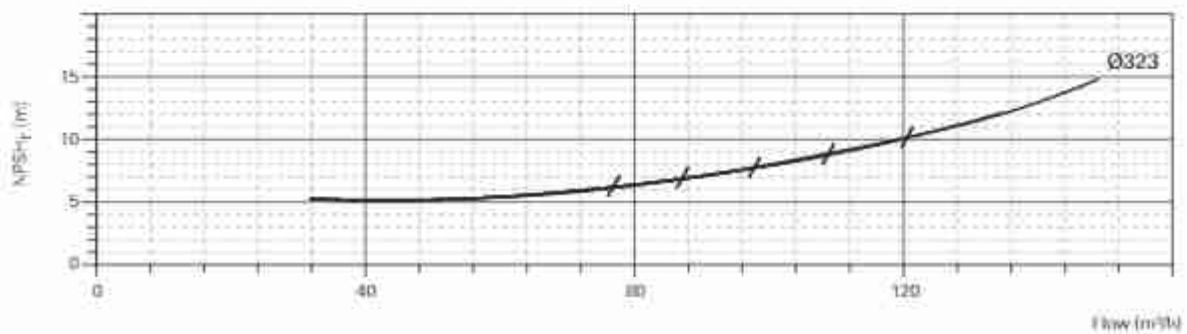
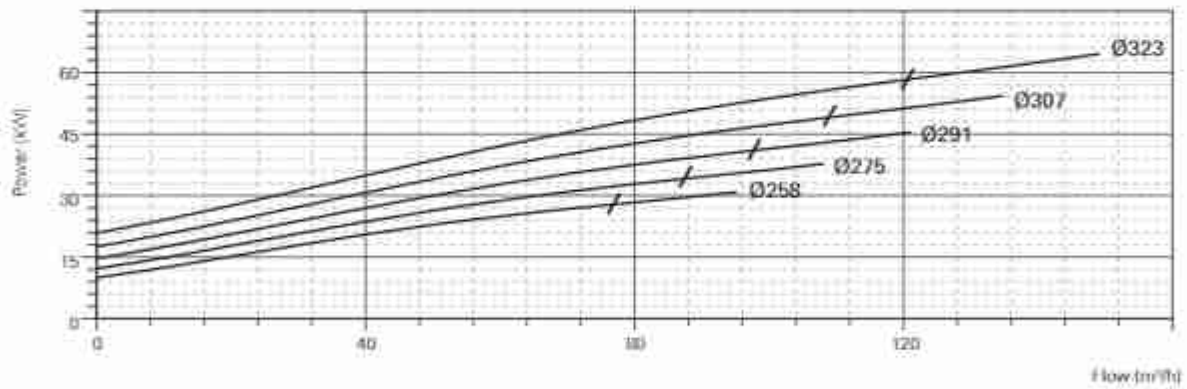
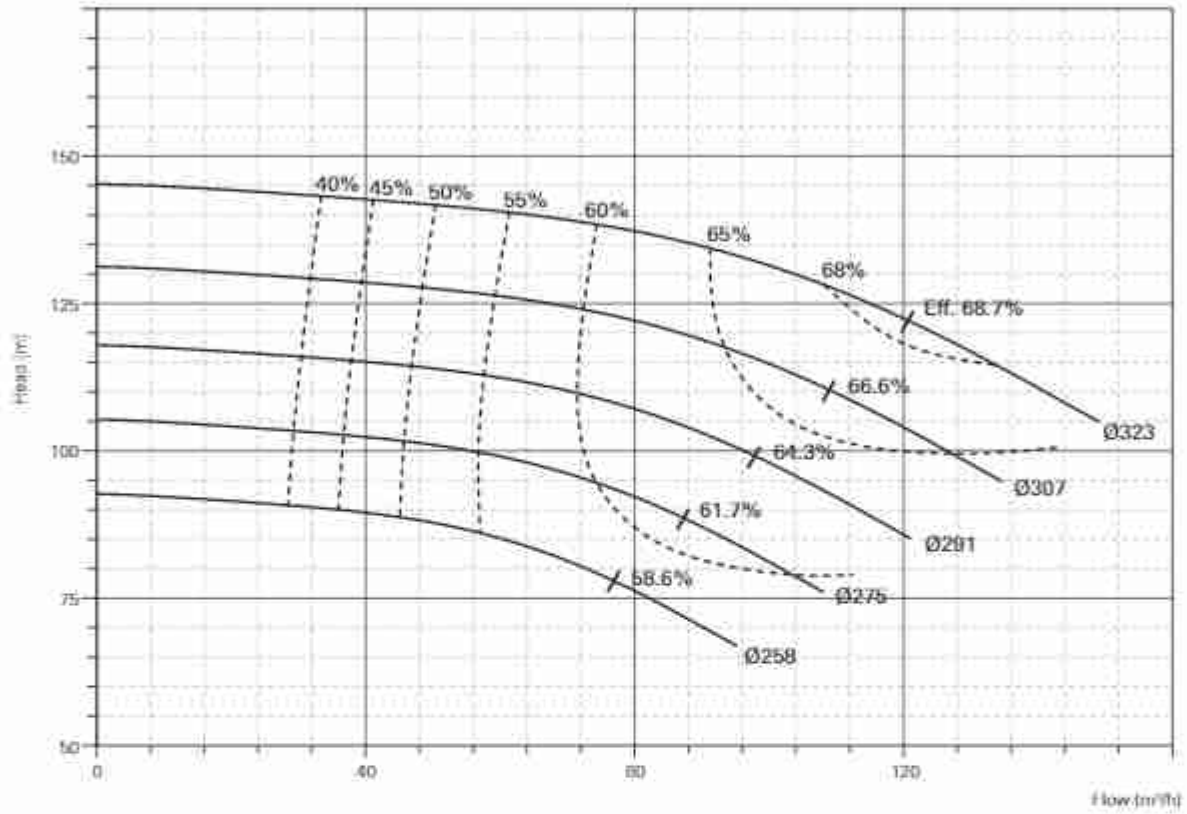
PERFORMANCE CURVE

Model	KEH-50/250
Speed	2900 rpm



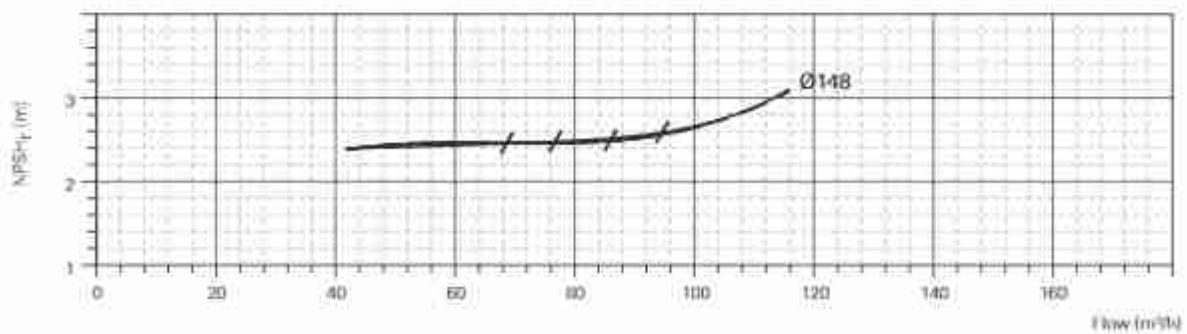
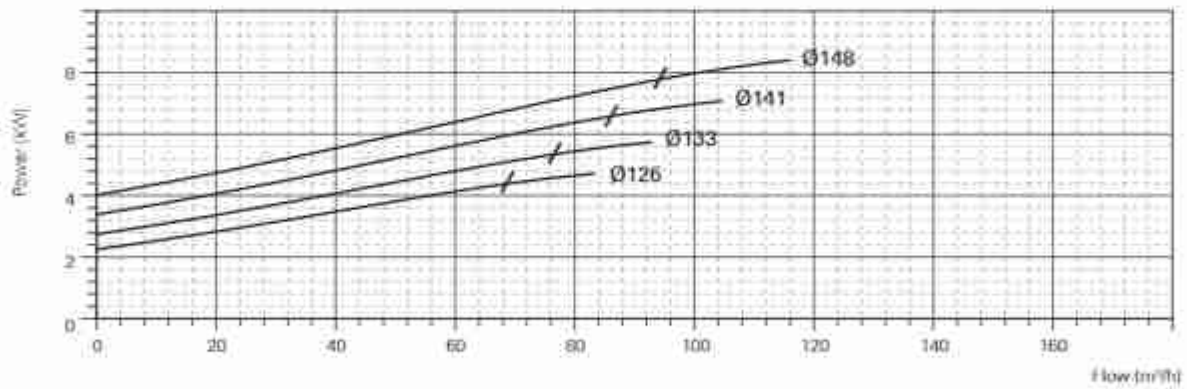
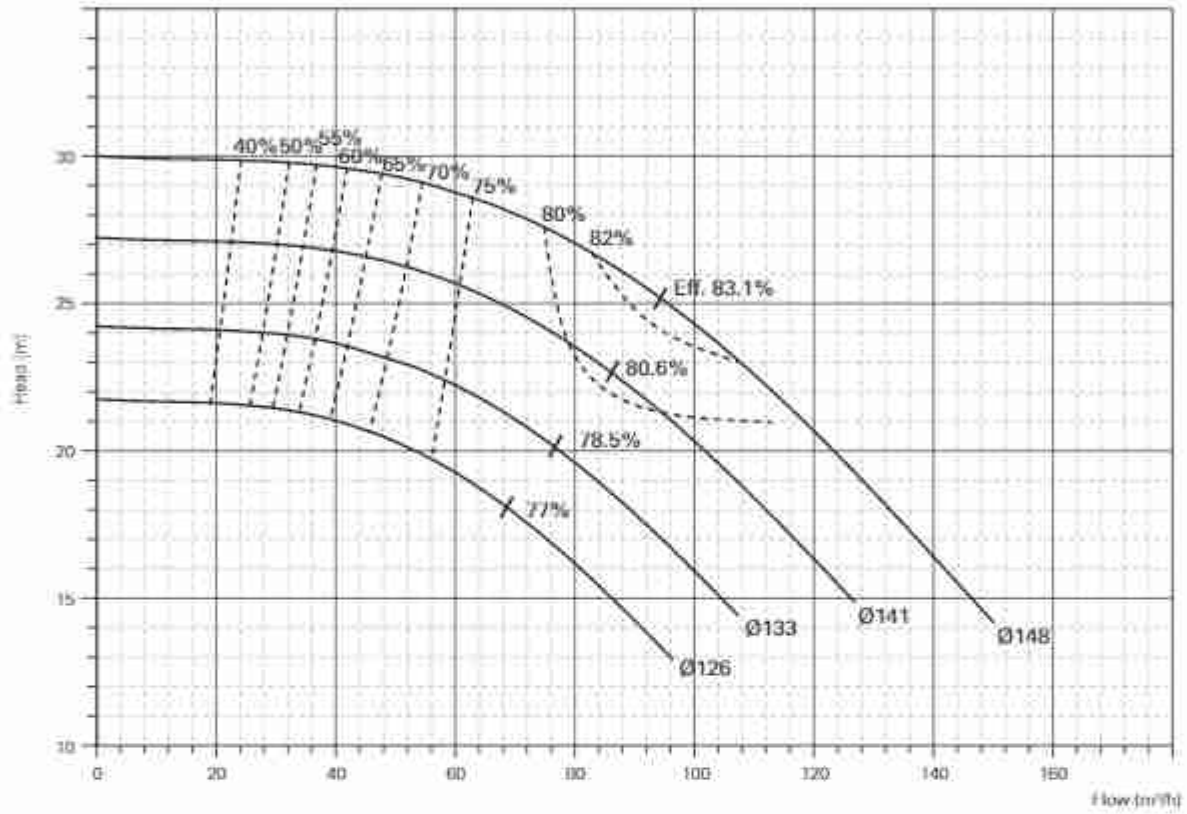
PERFORMANCE CURVE

Model	KEH-50/315
Speed	2900 rpm



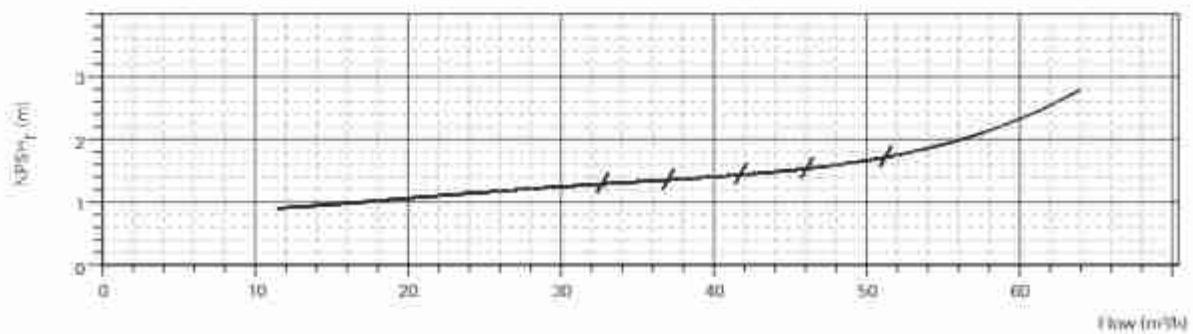
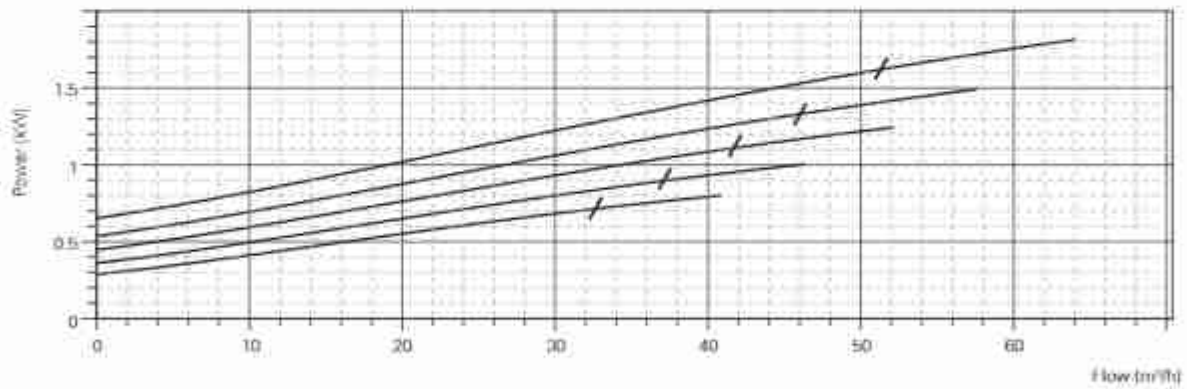
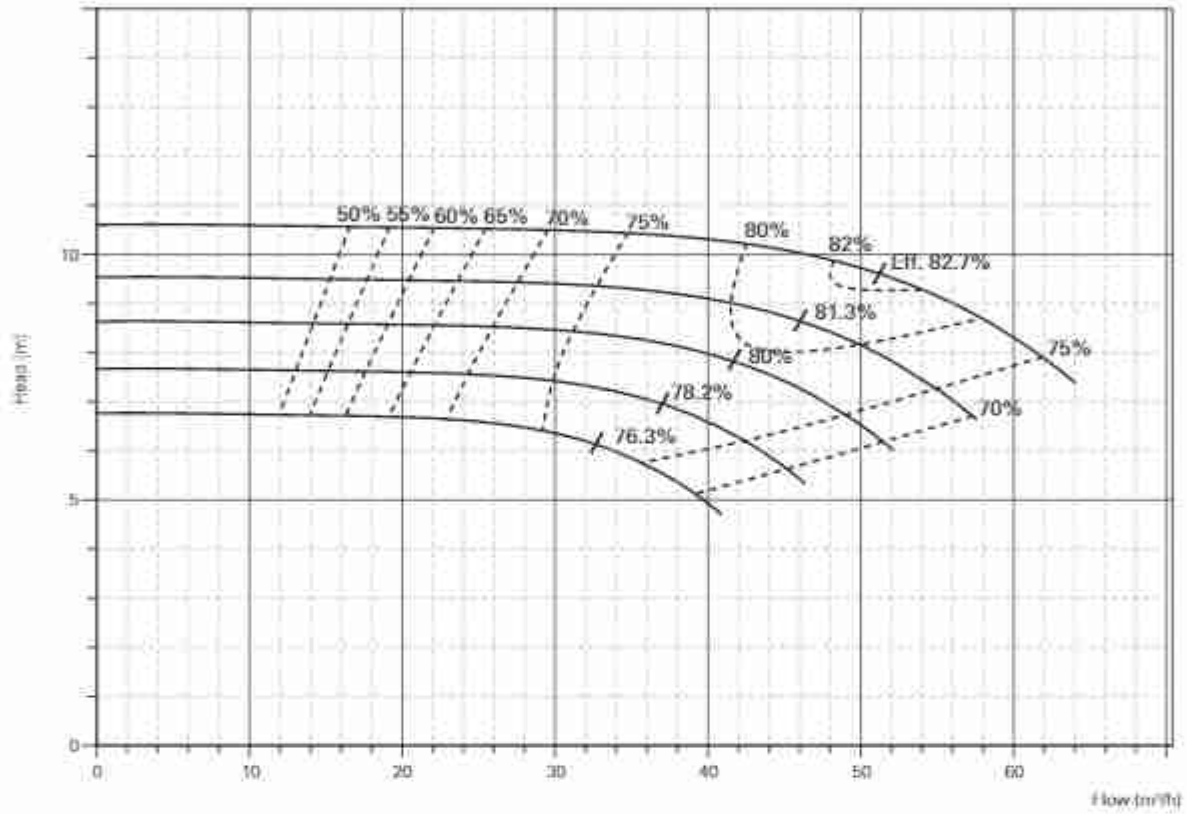
PERFORMANCE CURVE

Model	KEH-65/125
Speed	2900 rpm



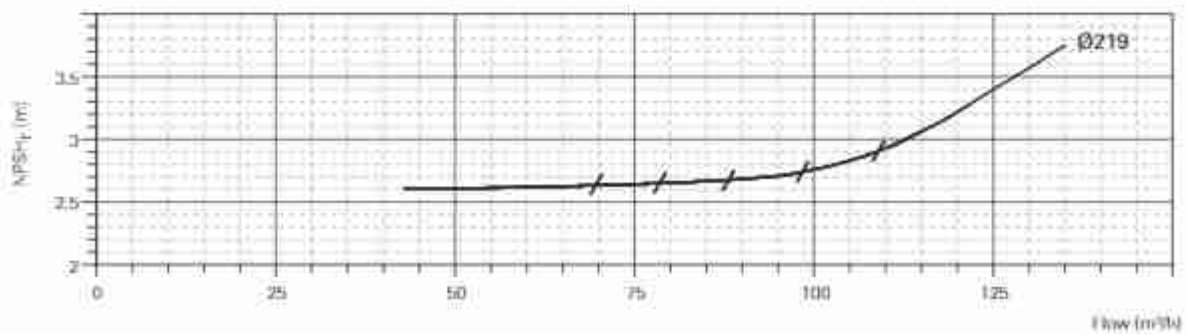
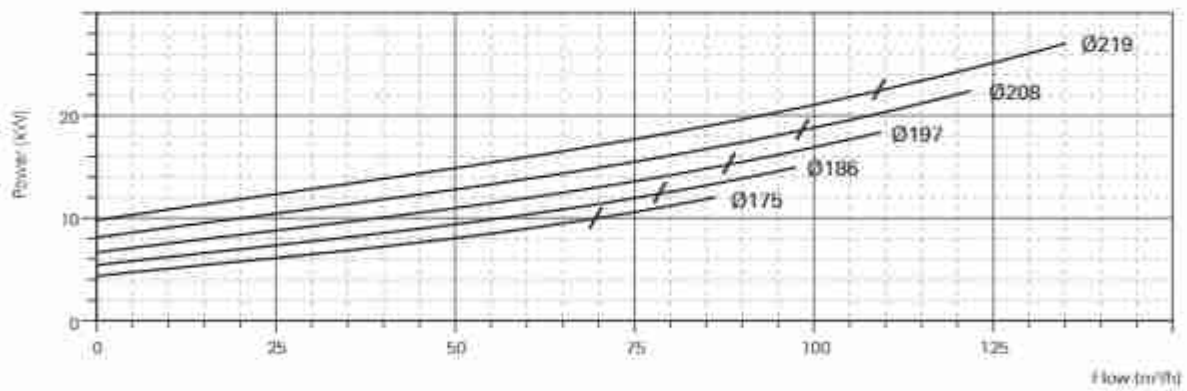
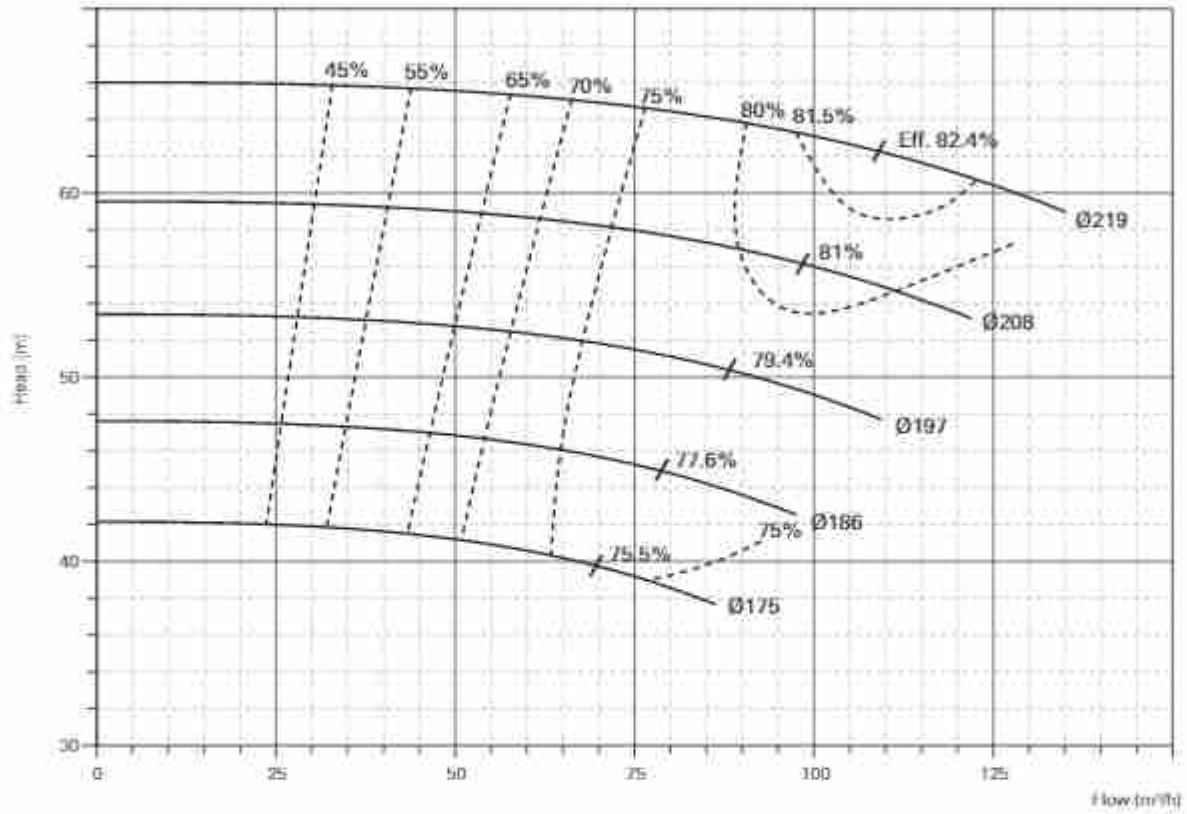
PERFORMANCE CURVE

Model	KEH-65/160
Speed	1450 rpm



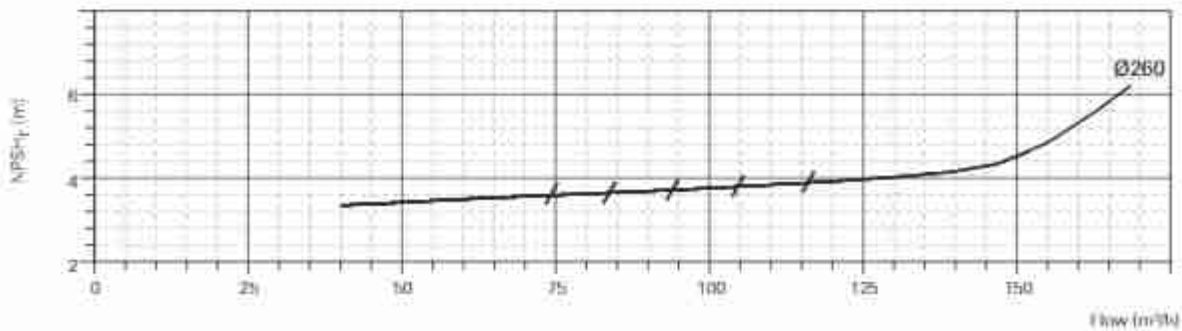
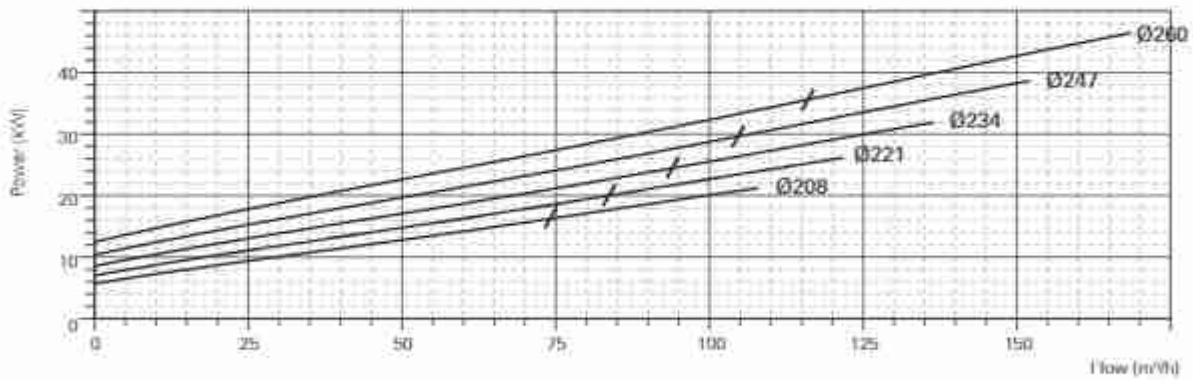
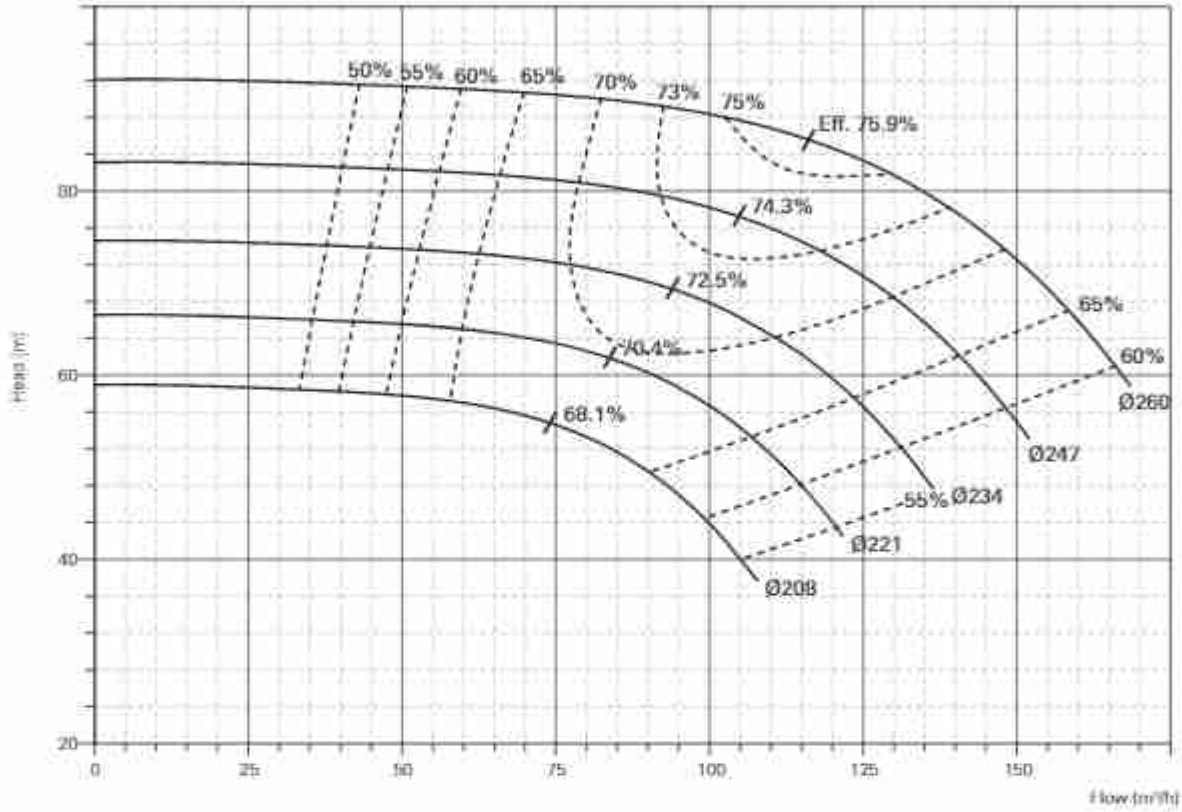
PERFORMANCE CURVE

Model	KEH-65/200
Speed	2900 rpm



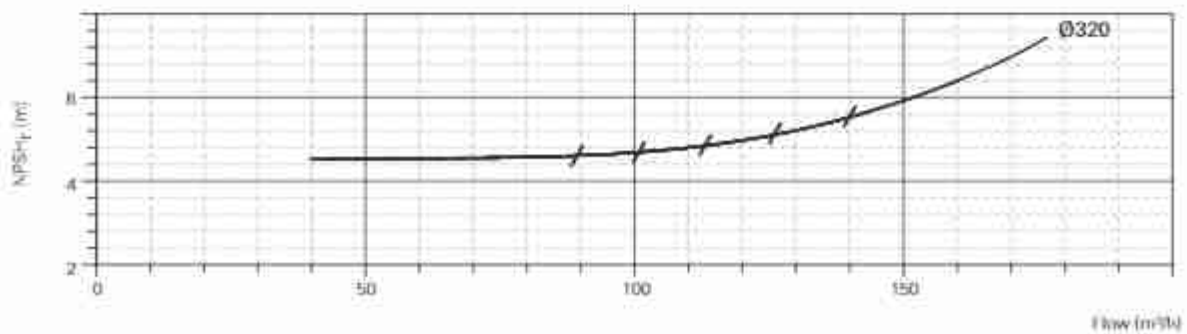
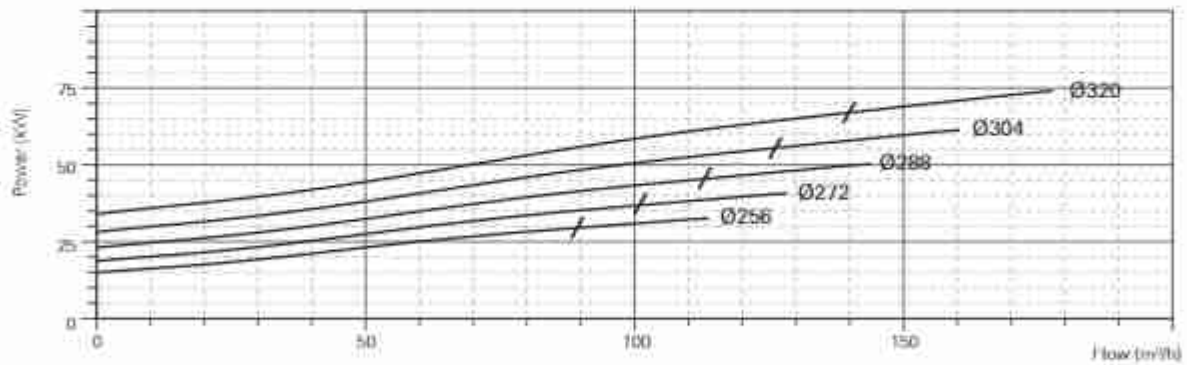
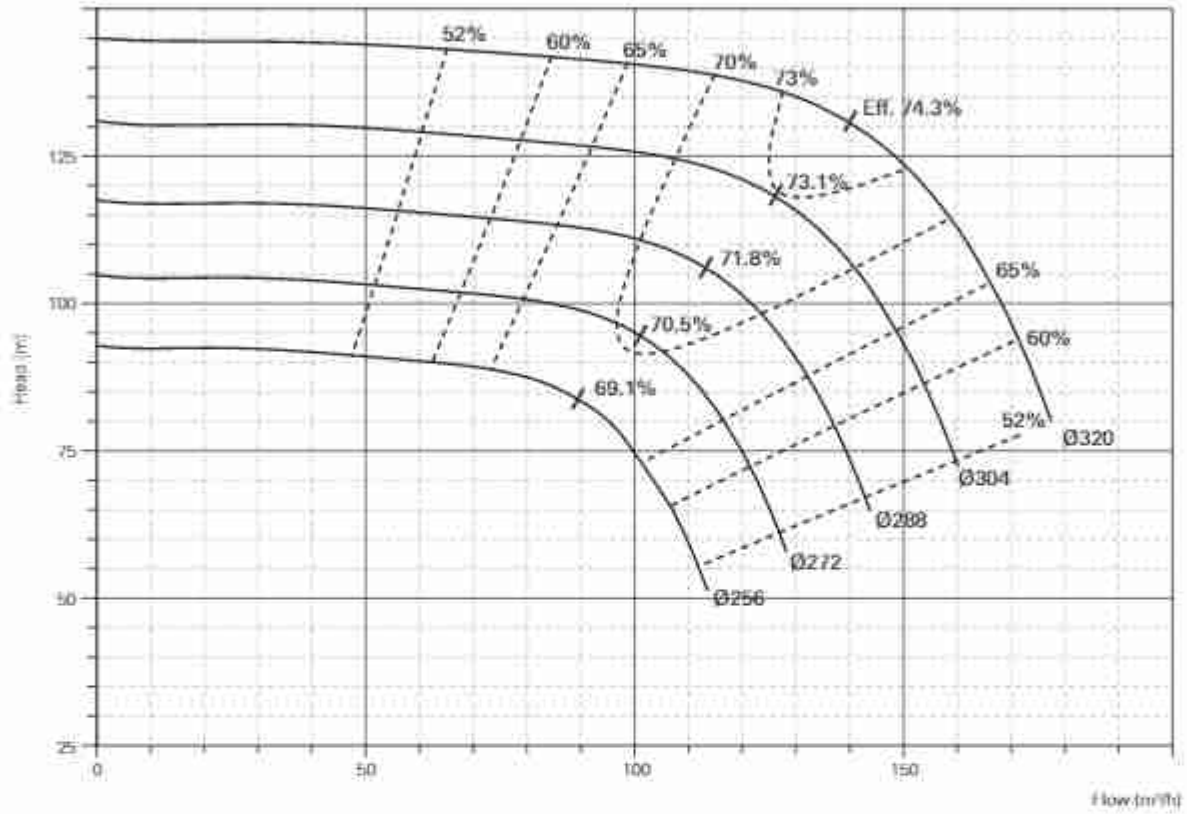
PERFORMANCE CURVE

Model	KEH-65/250
Speed	2900 rpm



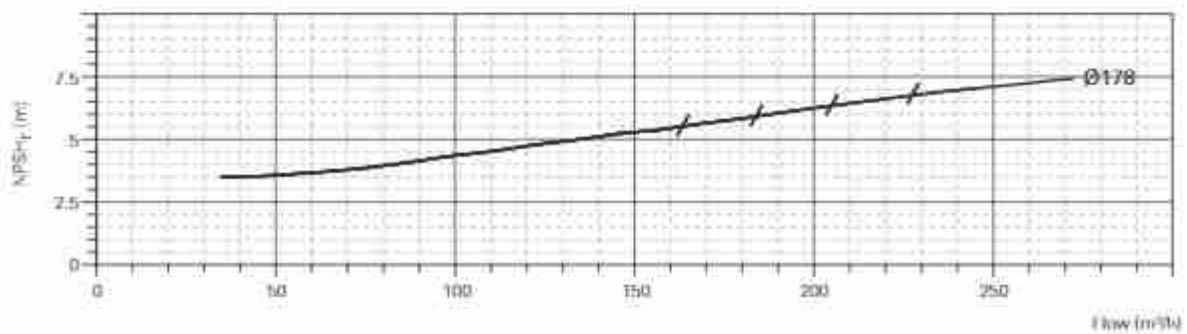
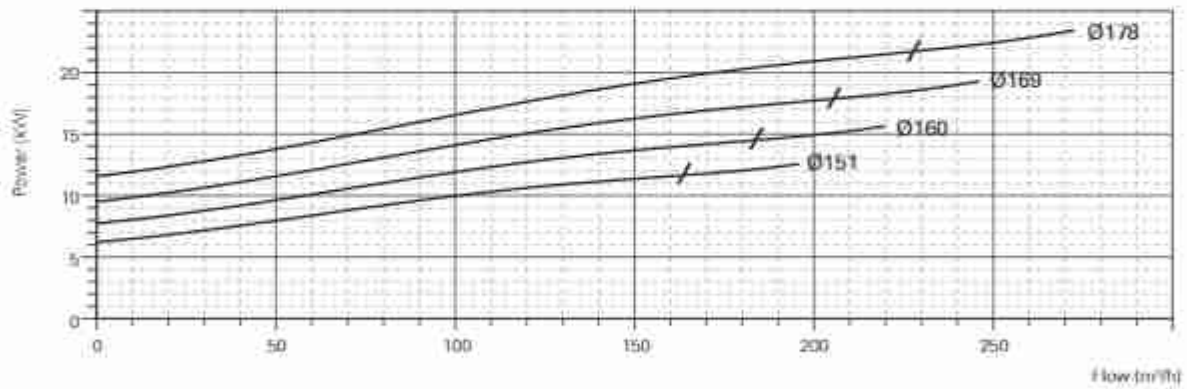
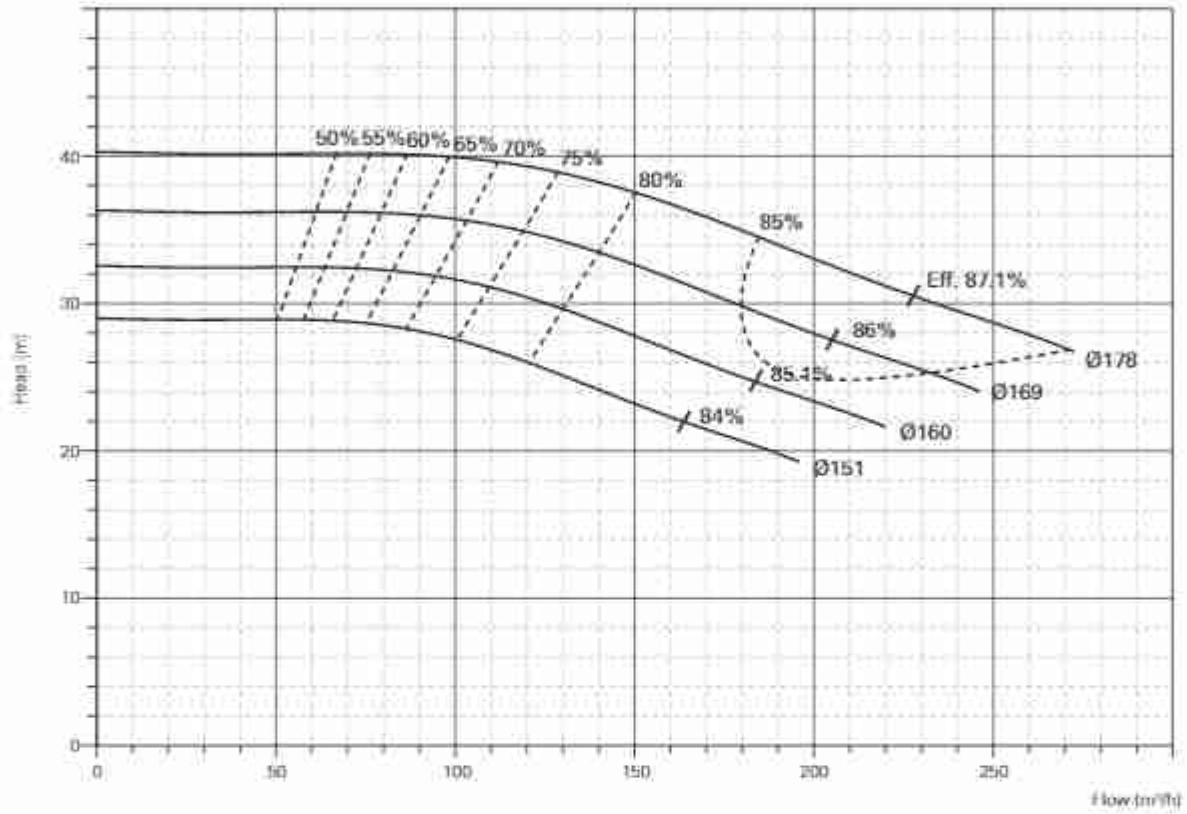
PERFORMANCE CURVE

Model	KEH-65/315
Speed	2900 rpm



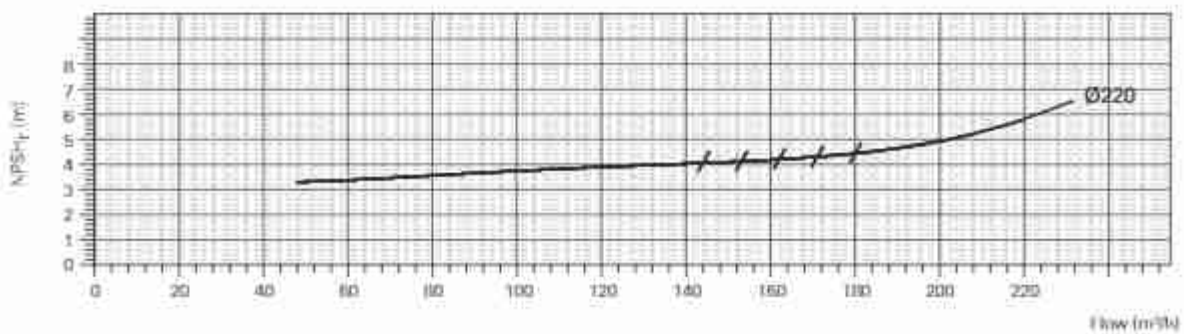
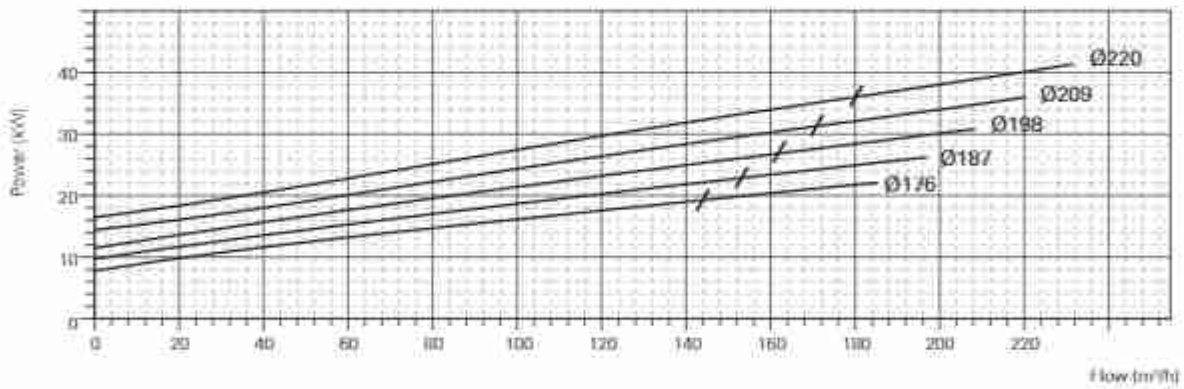
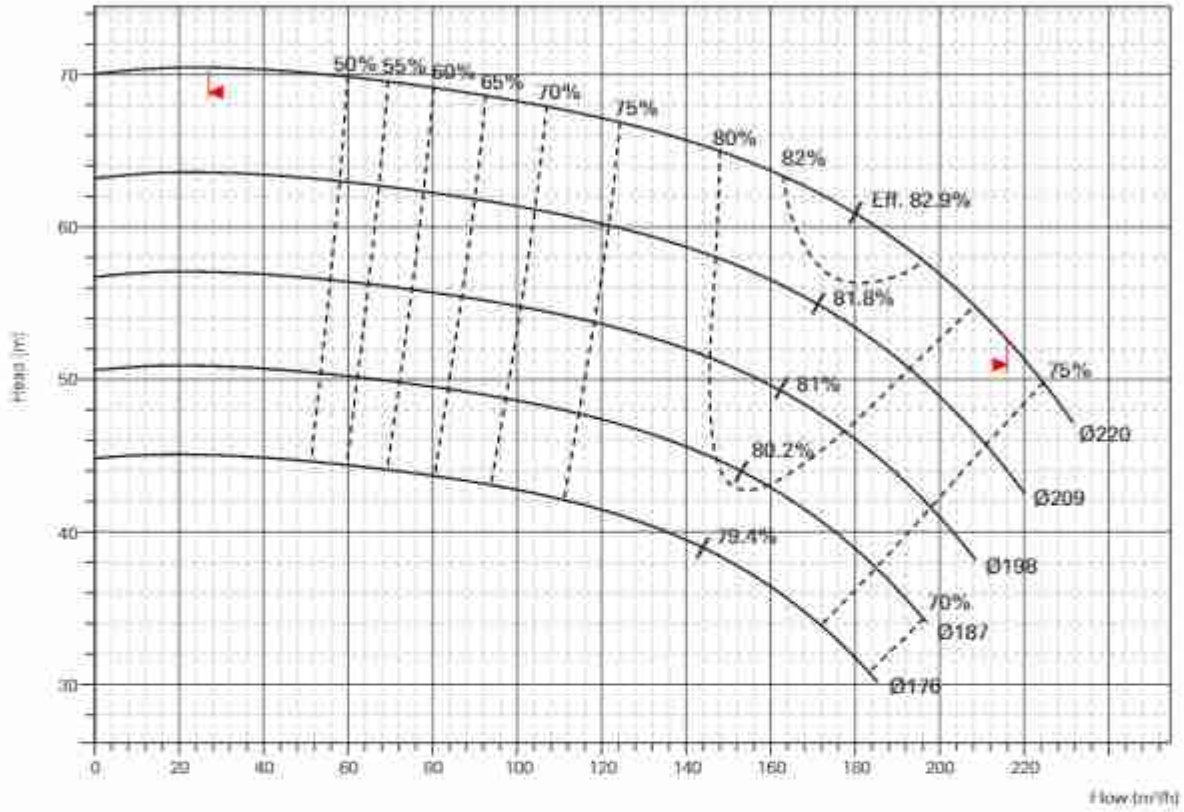
PERFORMANCE CURVE

Model	KEH-80/160
Speed	2900 rpm



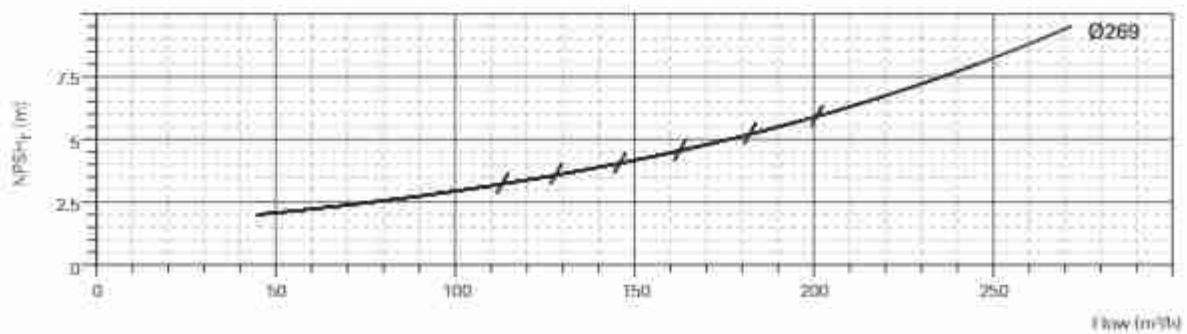
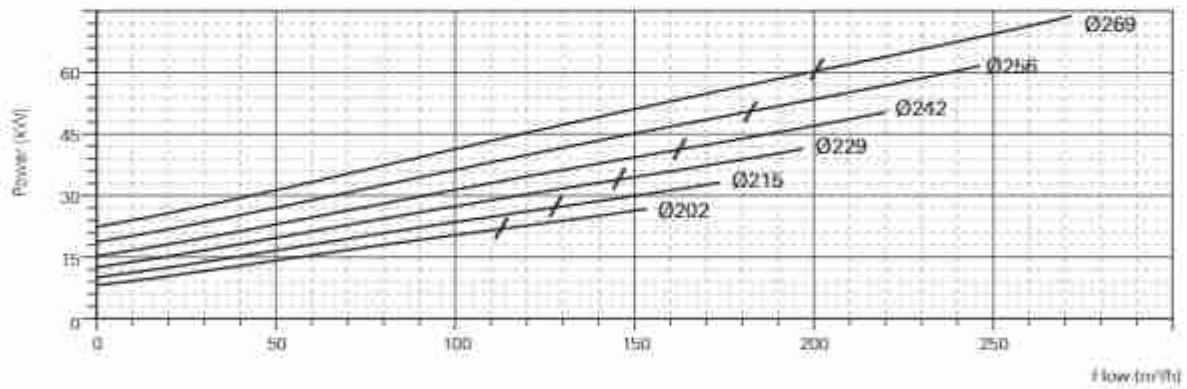
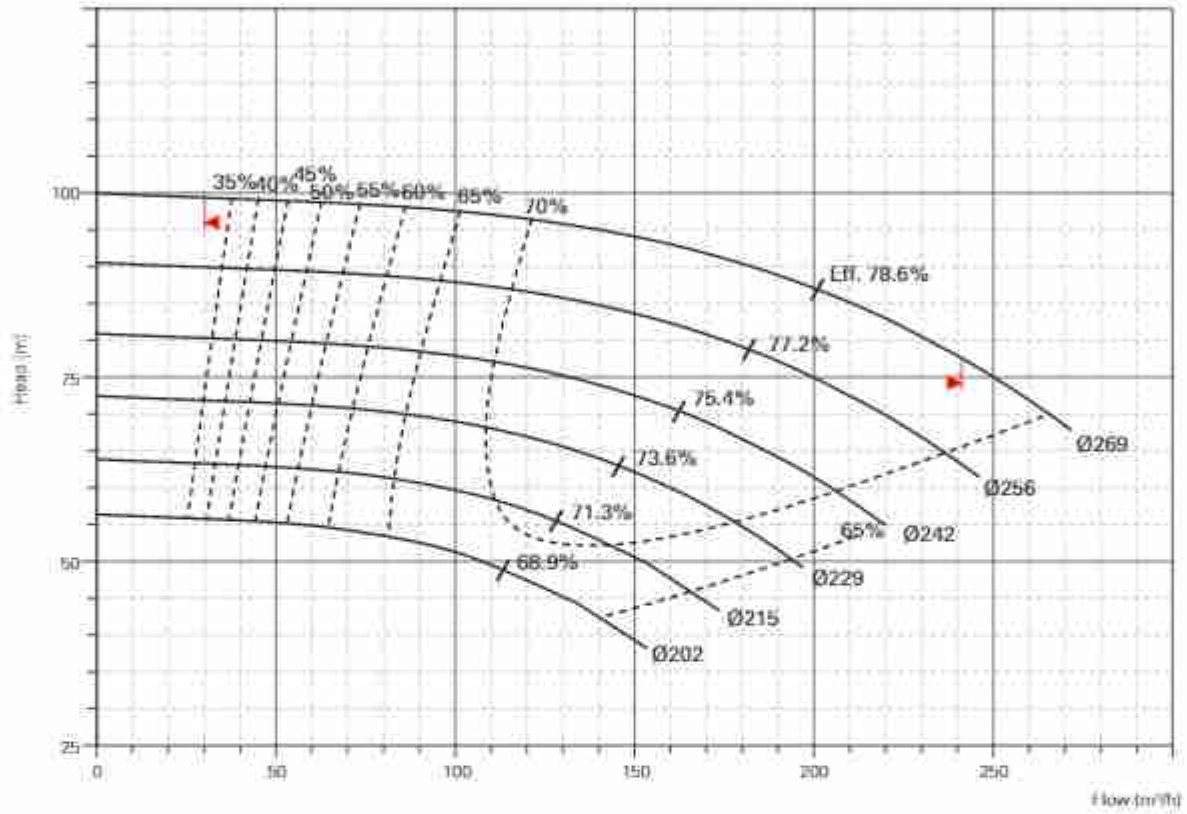
PERFORMANCE CURVE

Model	KEH-80/200
Speed	2900 rpm



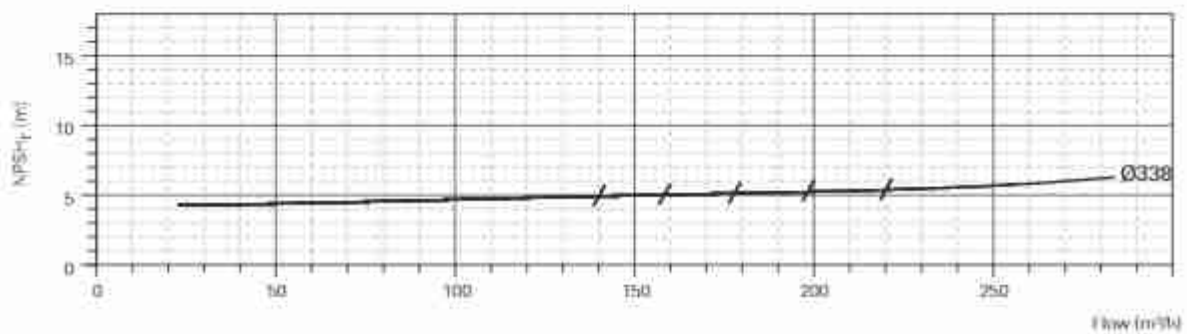
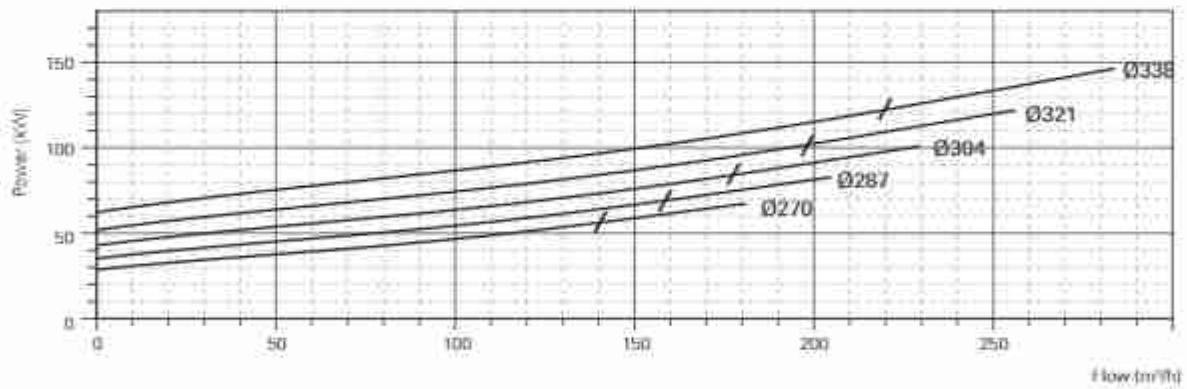
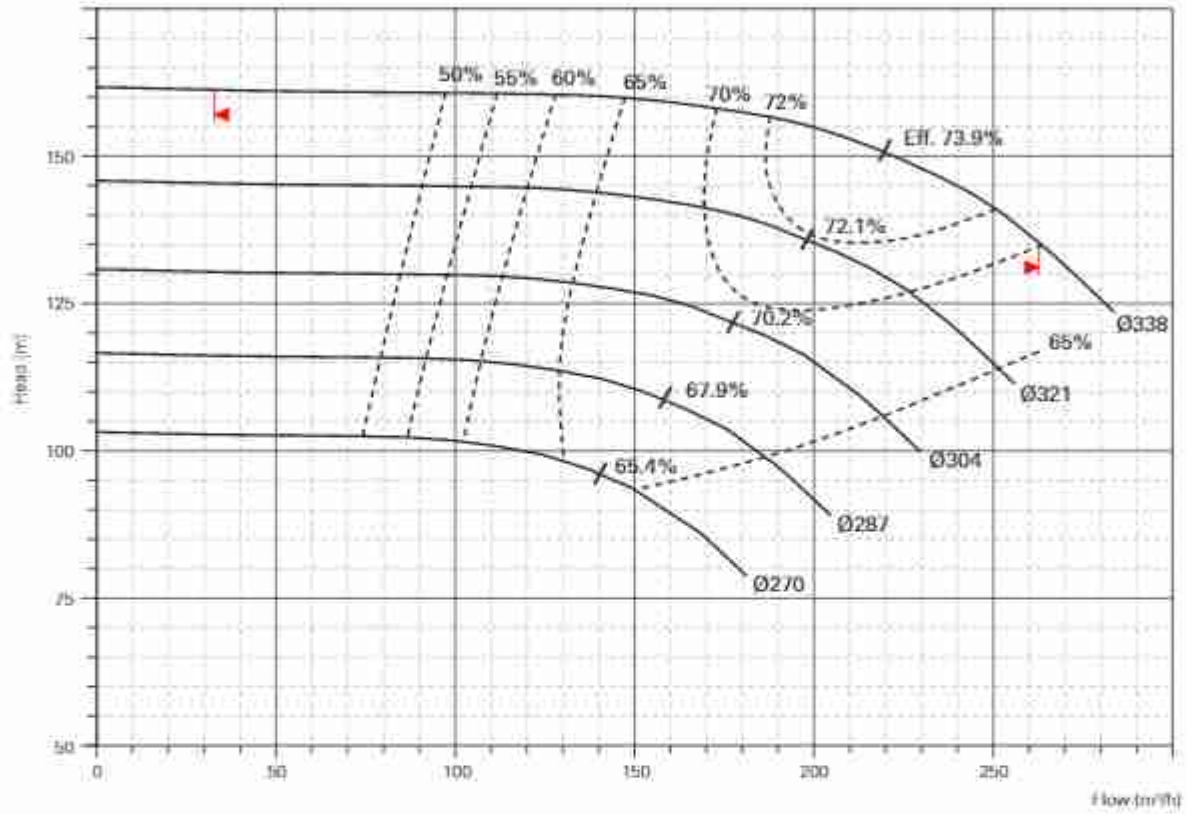
PERFORMANCE CURVE

Model	KEH-80/250
Speed	2900 rpm



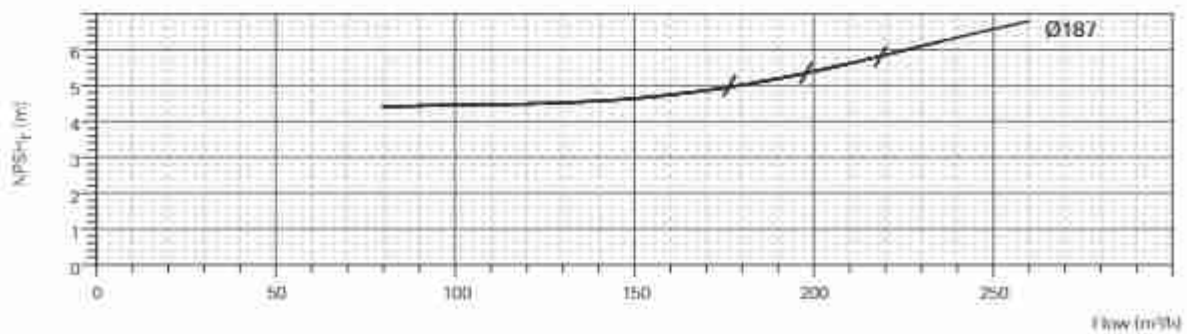
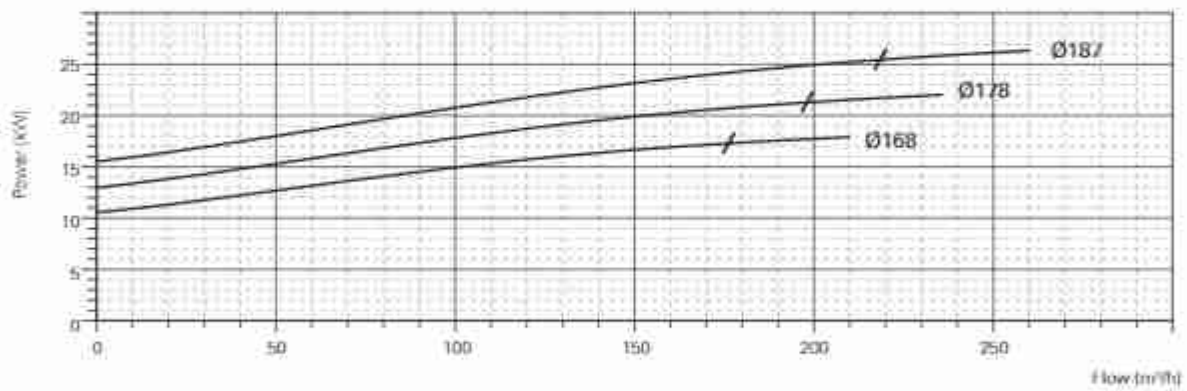
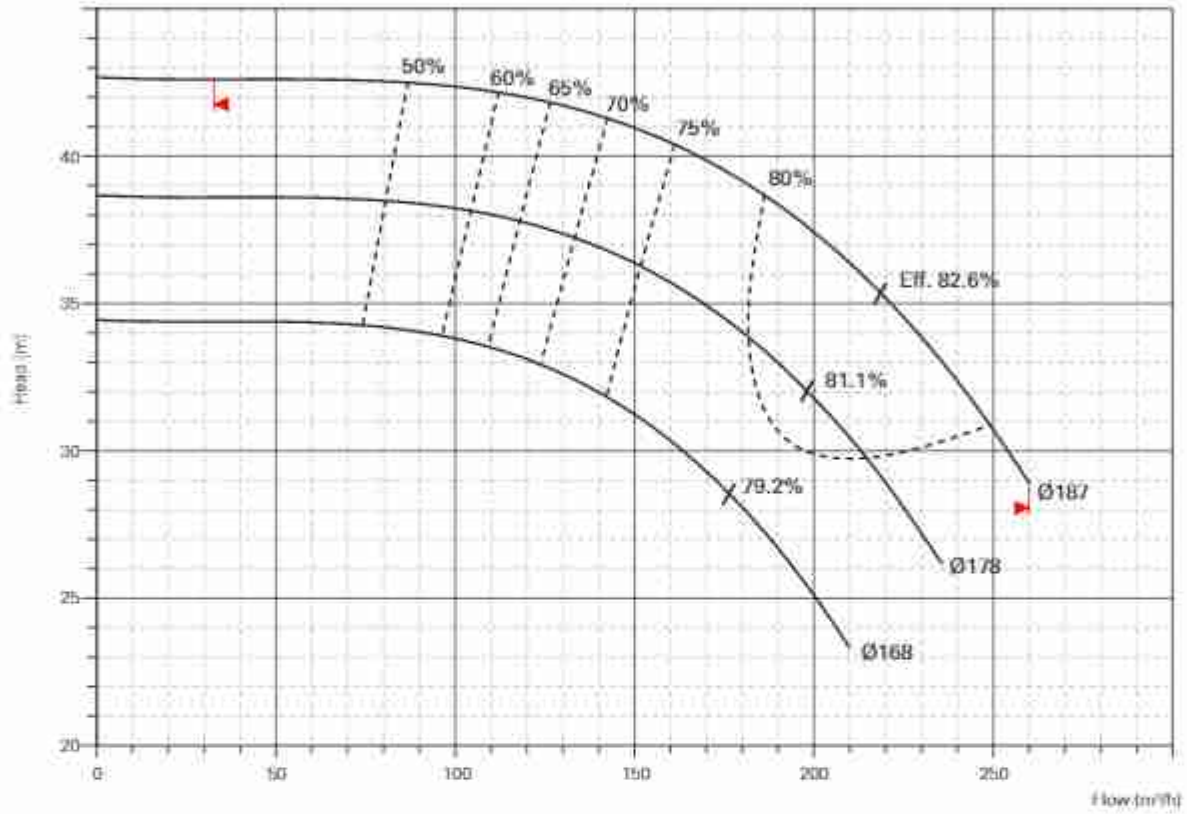
PERFORMANCE CURVE

Model	KEH-80/315
Speed	2900 rpm



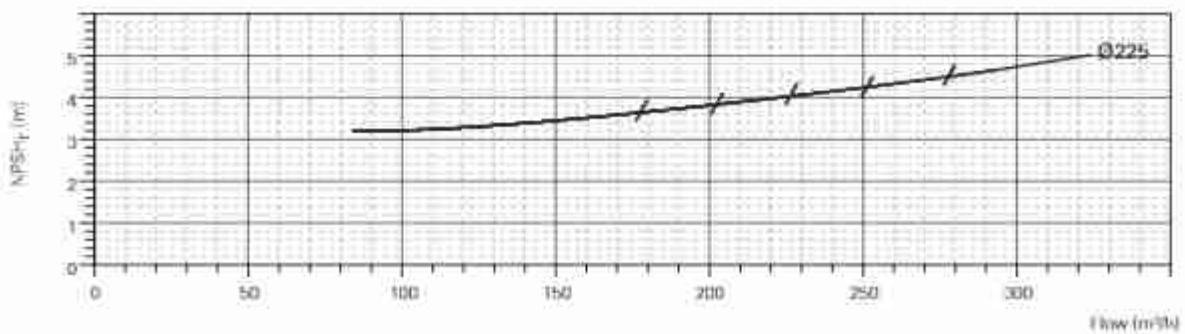
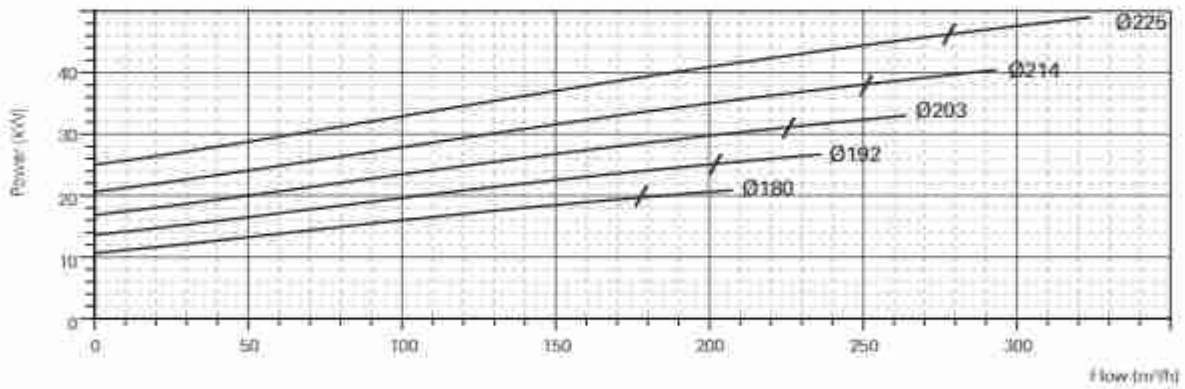
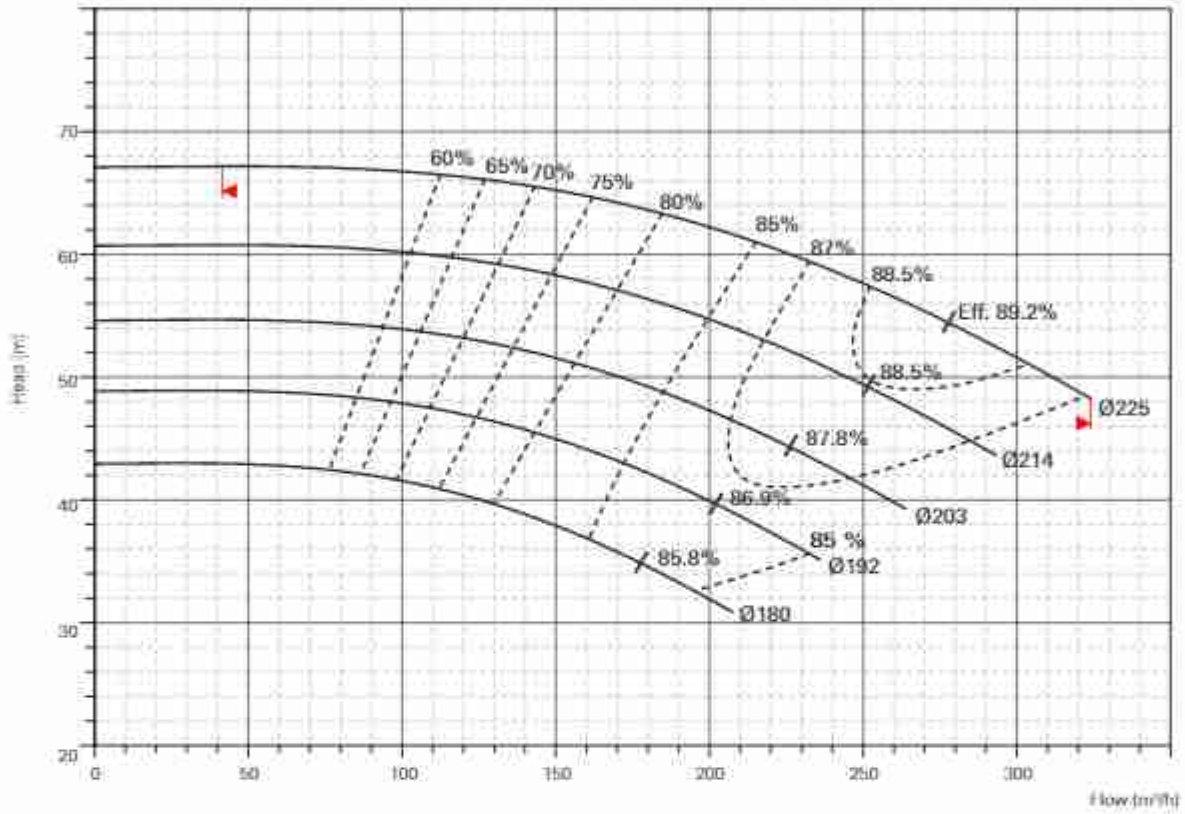
PERFORMANCE CURVE

Model	KEH-100/160
Speed	2900 rpm



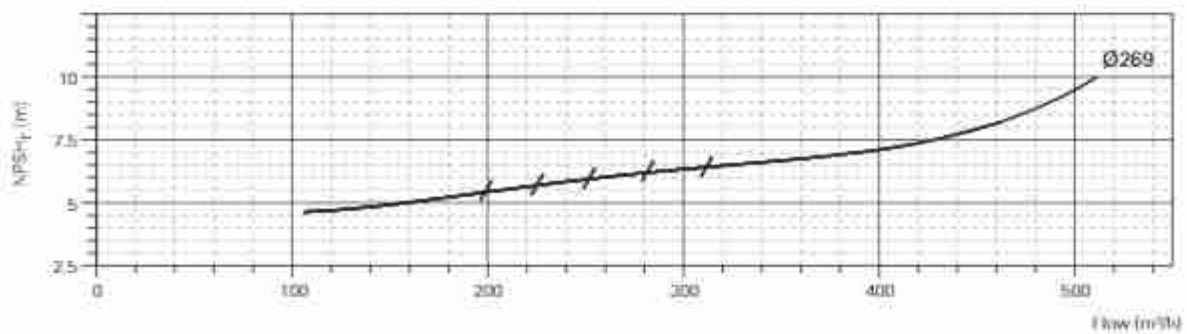
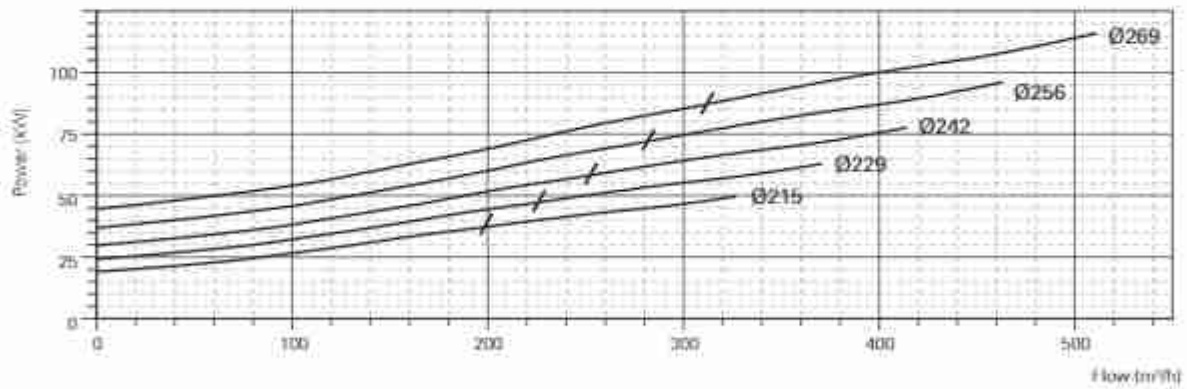
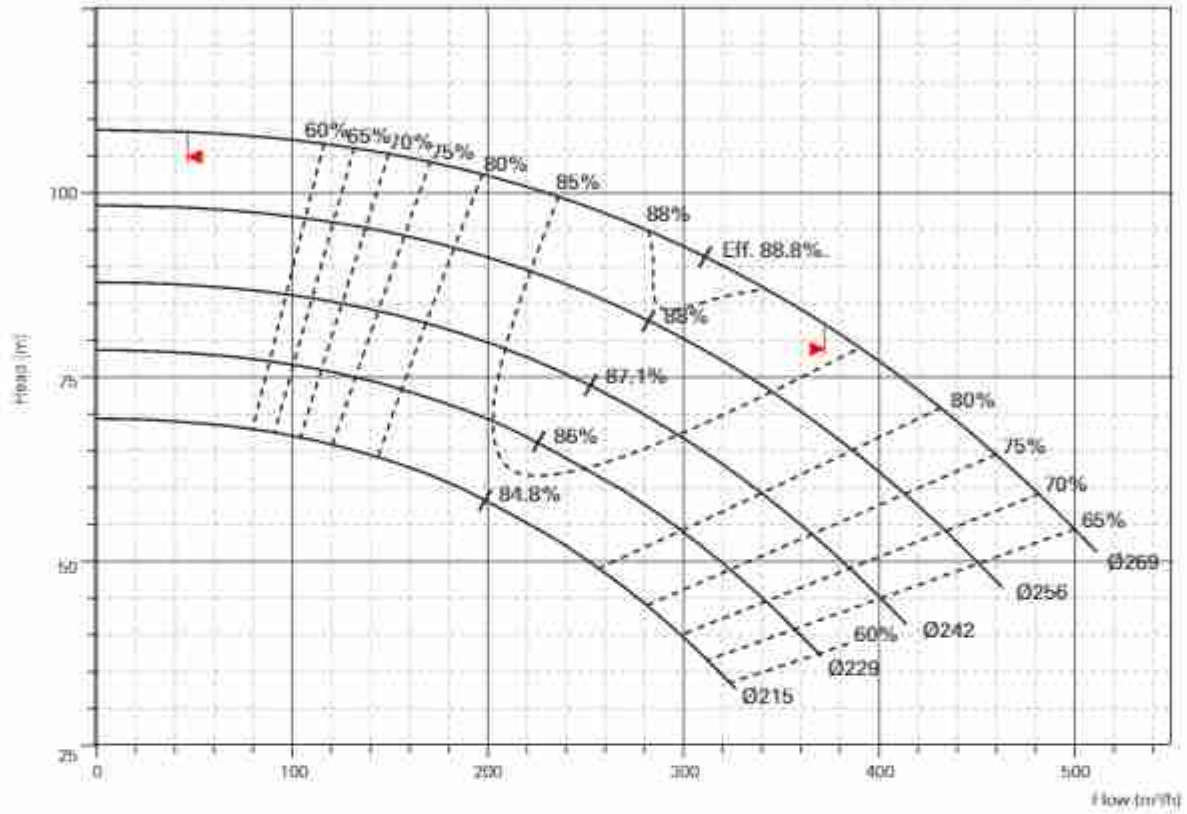
PERFORMANCE CURVE

Model	KEH-100/200
Speed	2900 rpm



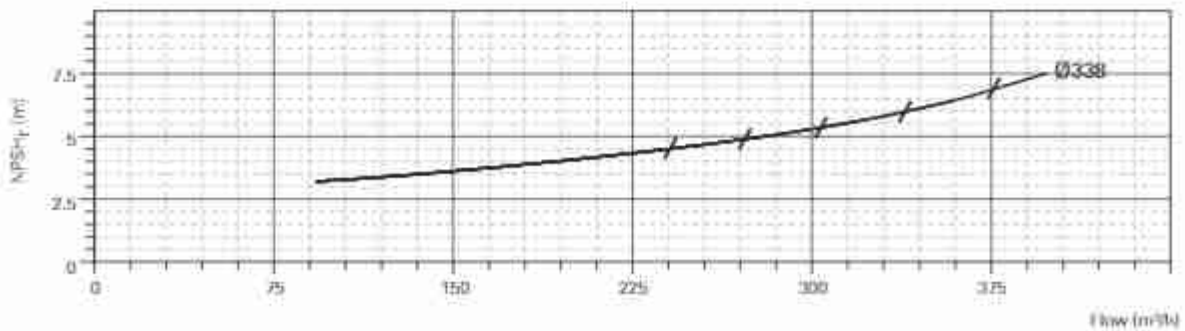
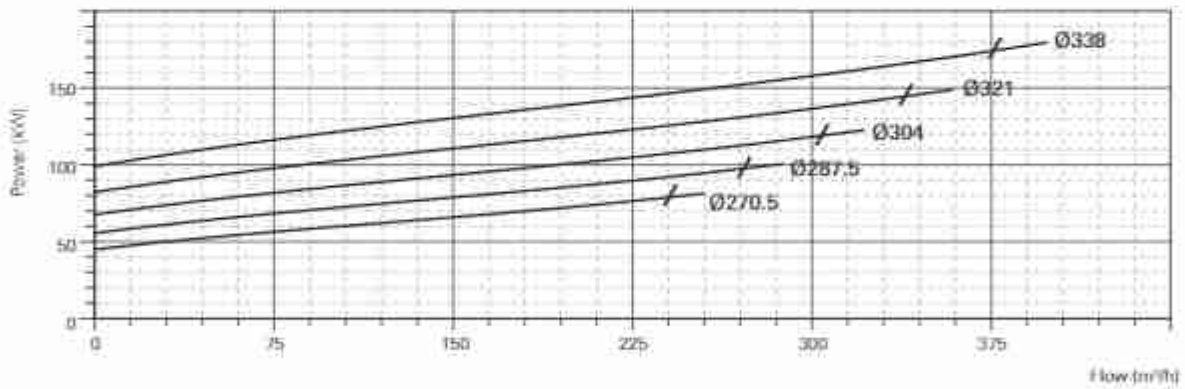
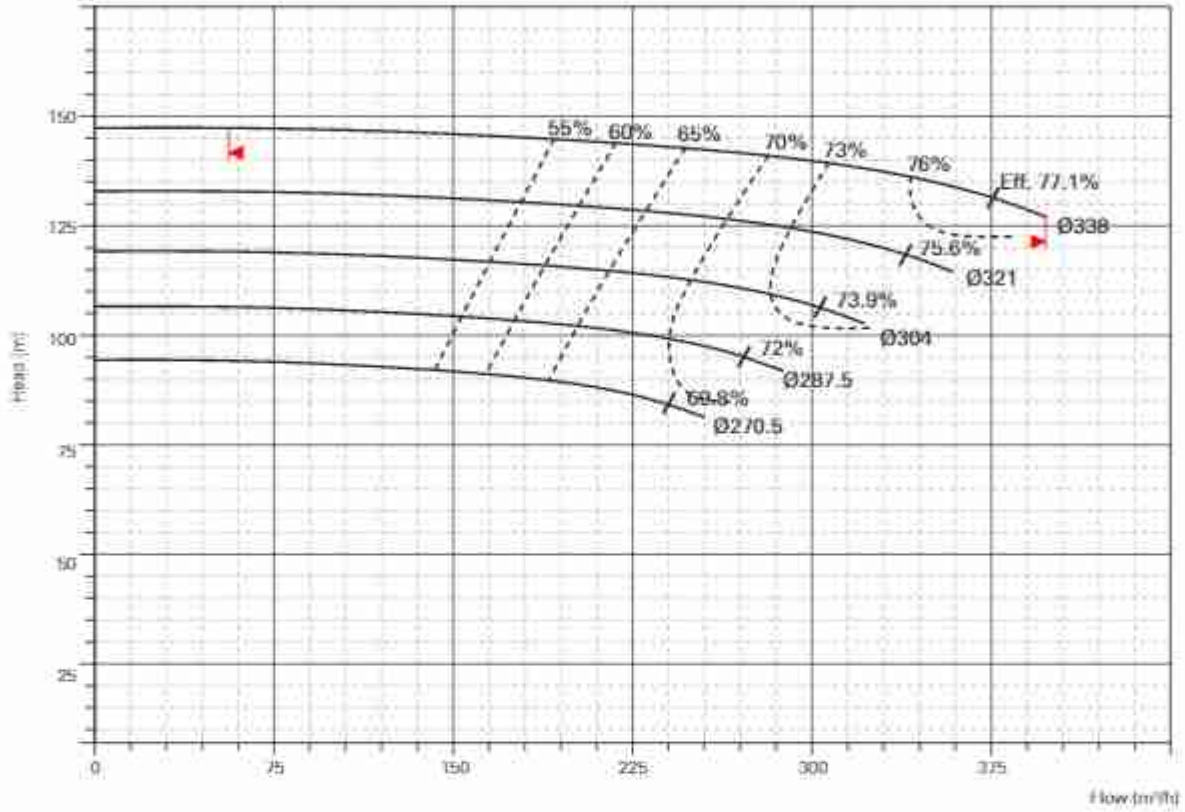
PERFORMANCE CURVE

Model	KEH-100/250
Speed	2900 rpm



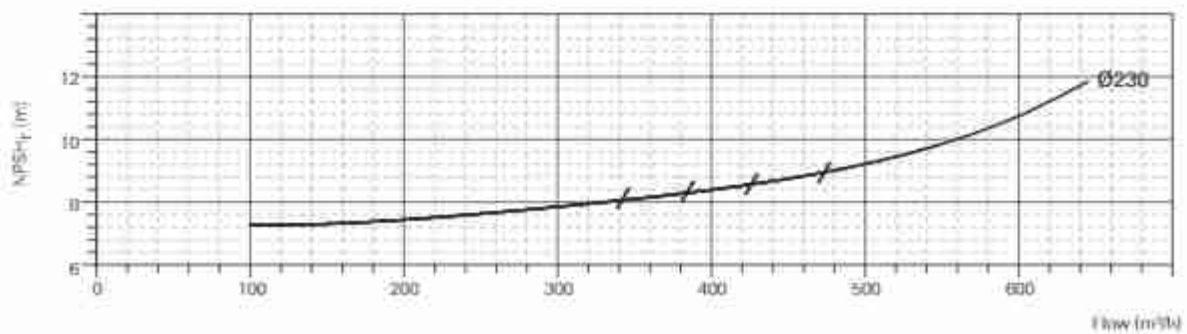
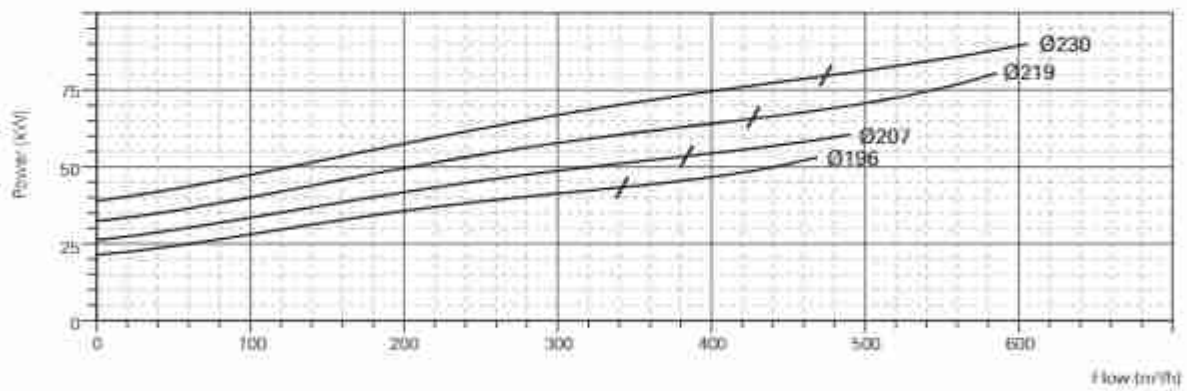
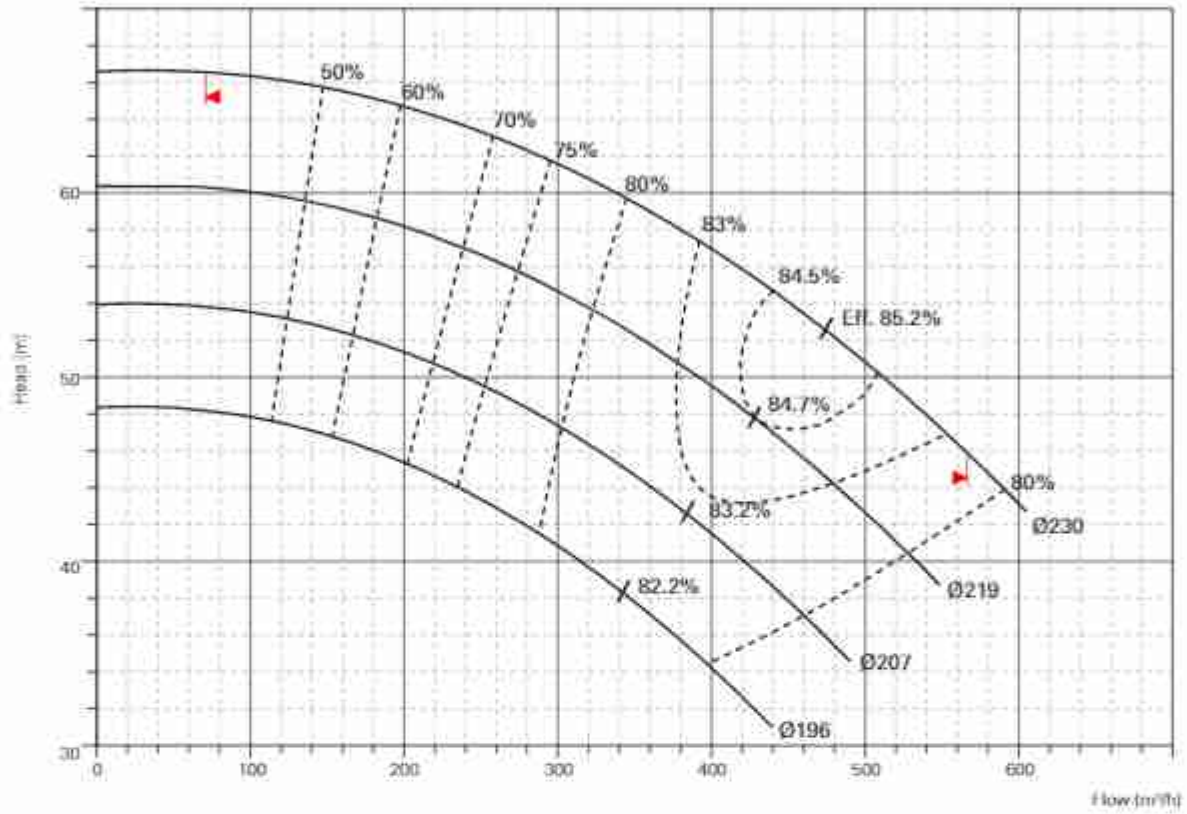
PERFORMANCE CURVE

Model	KEH-100/315
Speed	2900 rpm



PERFORMANCE CURVE

Model	KEH-125/200
Speed	2900 rpm



End Suction Centrifugal Mixed Flow Pumps



SPECIFICATIONS

Outlet size range	: DN 200 to DN 450mm
Flow range	: Upto 3600 m ³ /h
Total Head range	: Upto 45m
Max. Operating temperature	: 60°C
Max. working pressure	: 16bar

FEATURES

Designed to allow interchangeability of their component between all individual pump sizes.
Minimizes shaft deflection maximizes bearing and mechanical seal life.
Heavy duty bearing ensures long life.
Back pull out design.
Dimensions and characteristics conforming to ISO 2858 standards.
Available both in mechanical seal and soft packed stuffing box design.

APPLICATIONS

Water supply systems.
Irrigation systems.
Pressure boosting systems.
Fire Fighting systems.
Heating ventilation and air conditioning systems.
Circulation and transfer of clean, chemically non-aggressive water and other liquids.
General utility services in industries.

The Given details / drawings / specifications are subject to change without prior notice.

END SUCTION MIXED FLOW PUMPS

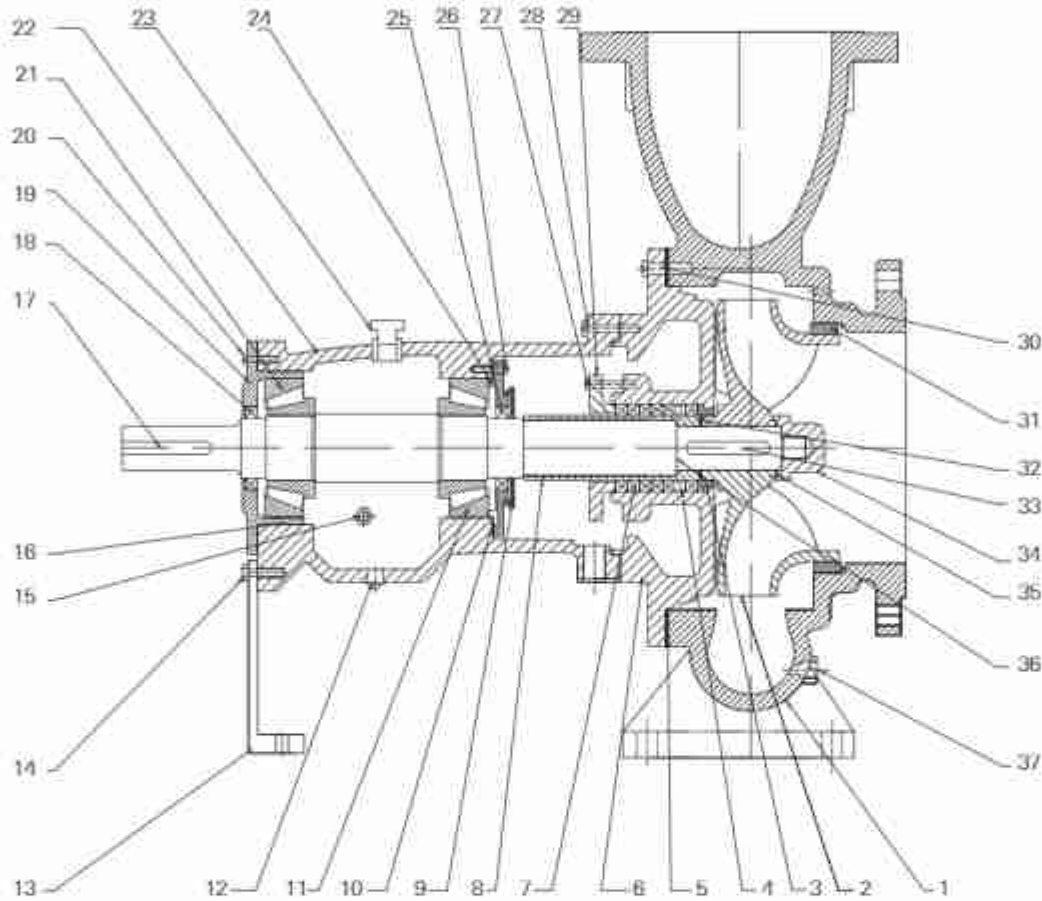
MATERIALS OF CONSTRUCTION

PUMP PARTS	TYPE - C	TYPE - B	TYPE - S
Pump Casting	C.I	C.I	CF 8
Stuffing box	C.I	C.I	CF 8
Gland	C.I	C.I	CF 8
Suction Cover	C.I	C.I	CF 8
Impeller	C.I	BRONZE - LTB 2	CF 8
Pump Shaft	En-8	En-8	SS 304 / 316
Shaft Sleeve	SS 410	SS 410	SS 410
Lantern Ring		En-8	
Gland Packing		TIGA	
Fasteners		En-8	

TECHNICAL DATA

PUMP TYPE	SUCTION SIZE 'mm'	DELIVERY SIZE 'mm'	OIL SEAL SIZE	BEARING	GD ² -Value Kg-m ²	PUMP WEIGHT 'kg'
200/320	250	200	90 X 65 X 10	312314 X 2 NOS	0.175	290
200/400	250	200	90 X 65 X 10	312314 X 2 NOS	0.380	310
250/320	250	250	90 X 65 X 10	312314 X 2 NOS	0.390	310
250/270	200	250	35 X 50 X 9 40 X 62 X 9	6408 X 2 - 51212 X 1	0.060	260
300/320	300	300	90 X 65 X 10	312314 X 2 NOS	0.220	360
250/400	300	250	75 X 100 X 10 80 X 90 X 10	3316 - NU 316	0.946	360
450/550	400	450	105 X 75 X 15 105 X 72 X 15	6415 X 2 - 51320 X 1	1.590	1425

CROSS SECTIONAL DRAWING



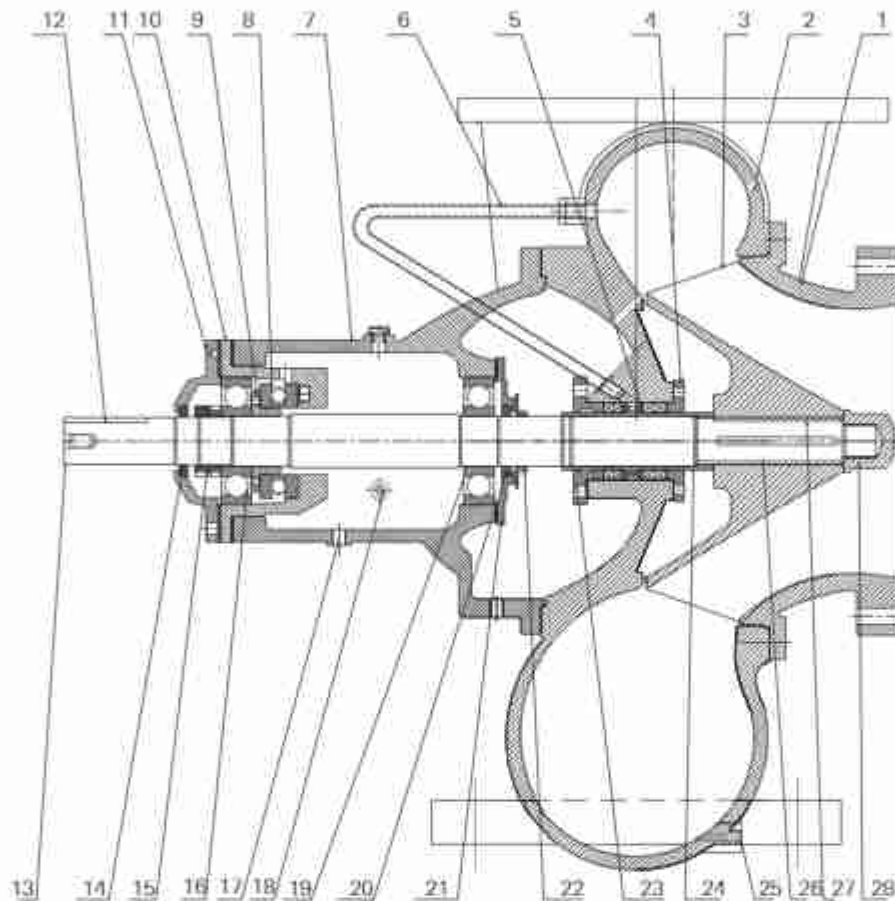
Part No	Part Name
1	Volute Casing
2	Impeller
3	Low Drift Neck Ring
4	Lambert Ring
5	Gasket Casing
6	Casing Cover
7	Gland Packing
8	Shaft Sleeve
9	Deflector
10	Gasket Inner Bearing Cover
11	Bearing Pump End
12	Plug (oil Drain)
13	Support Foot
14	Support Foot Bolt
15	Oil Level Sight Glass
16	O Ring Adaptor
17	Key (Coupling)
18	Oil Seal (drive End) 80x90x10
19	Bearing Adaptor

Part No	Part Name
20	Adaptor Bolt
21	Bearing Drive End
22	Bearing Bed
23	Vent
24	Bearing Cover (inner)
25	Oil Seal (pump End) 80x90x10
26	Brg. Cap / Brg. Housing Bolt
27	Gland Stud & Nut
28	Brg Bed / S.box. Stud & Nut
29	Gland Split
30	Casing / S.Box. Stud & Nut
31	Wear Ring
32	Gasket Sleeve / Impeller
33	Key Impeller
34	Impeller Nut
35	Gasket Imp. Nut
36	Pump Shaft
37	Plug Casing Drain

The Given details / drawings / specifications are subject to change without prior notice.

END SUCTION MIXED FLOW PUMPS

CROSS SECTIONAL DRAWING

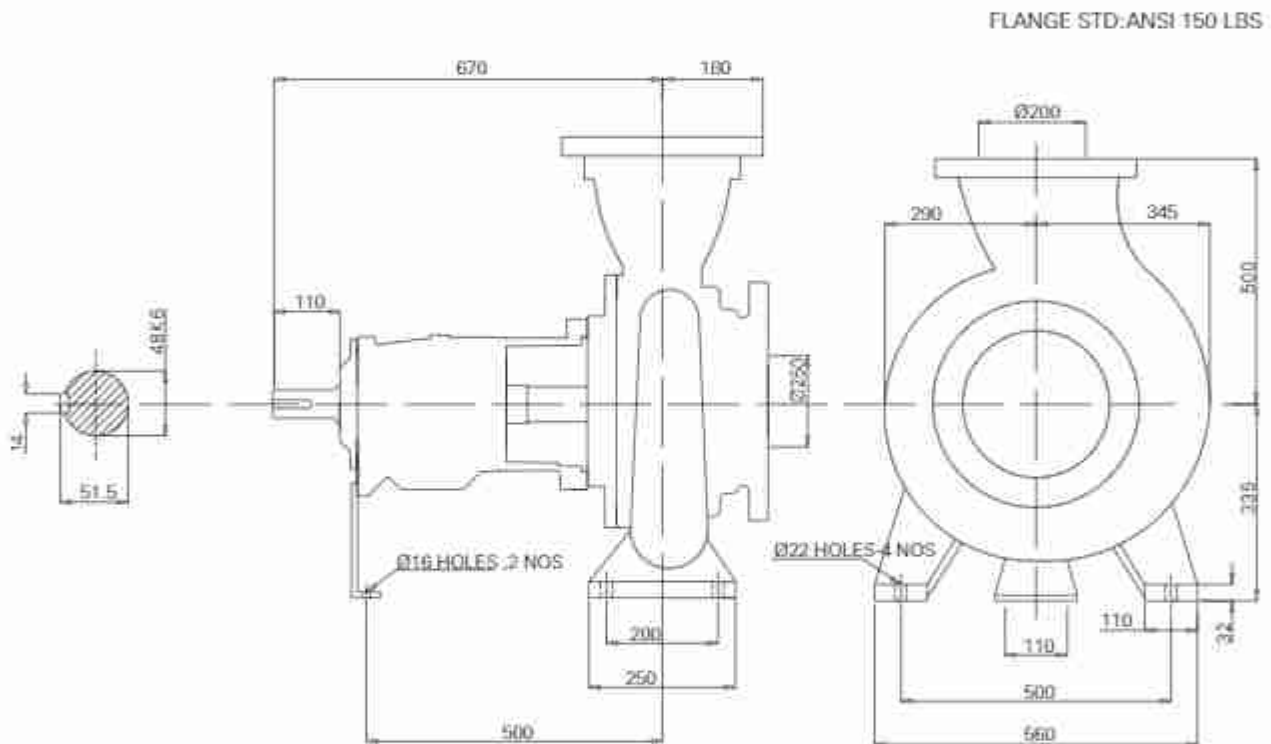


Part No	Part Name
1	Suction Cover
2	Volute Casing
3	Impeller
4	Stuffing Box Cover
5	Lantern Ring
6	St box Colling Inse
7	Bearing Bed
8	Thrust Bearing (drive)
9	Thrust Bearing Adapter
10	Bearing Adapter
11	Bearing Cap Outer
12	Key Coupling
13	Shaft
14	Oil Seal (Inse) 75x110x13

Part No	Part Name
15	Lock Nut
16	Ball Bearing (drive)
17	Oil Pan Plug
18	Oil Level Sight Glass
19	Ball Bearing (pump)
20	Oil Seal (pump) 75x110x13
21	Bearing Cup Inner
22	Deflector
23	Gland
24	Sleeve
25	Casing Drain
26	Key Sleeve
27	Key Impeller
28	Impeller Nut

OVERALL DIMENSIONAL DRAWING

Model	KEM-200/320
Pump Size	250x200 mm

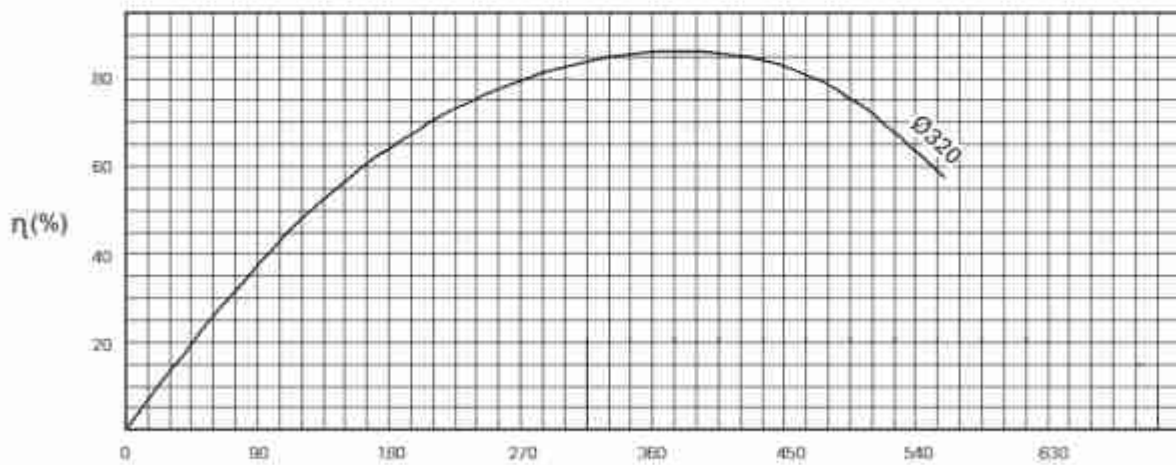
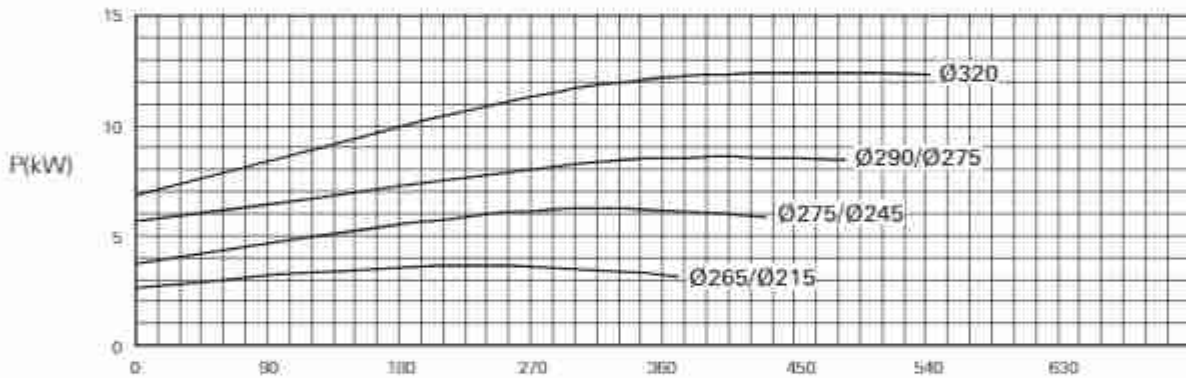
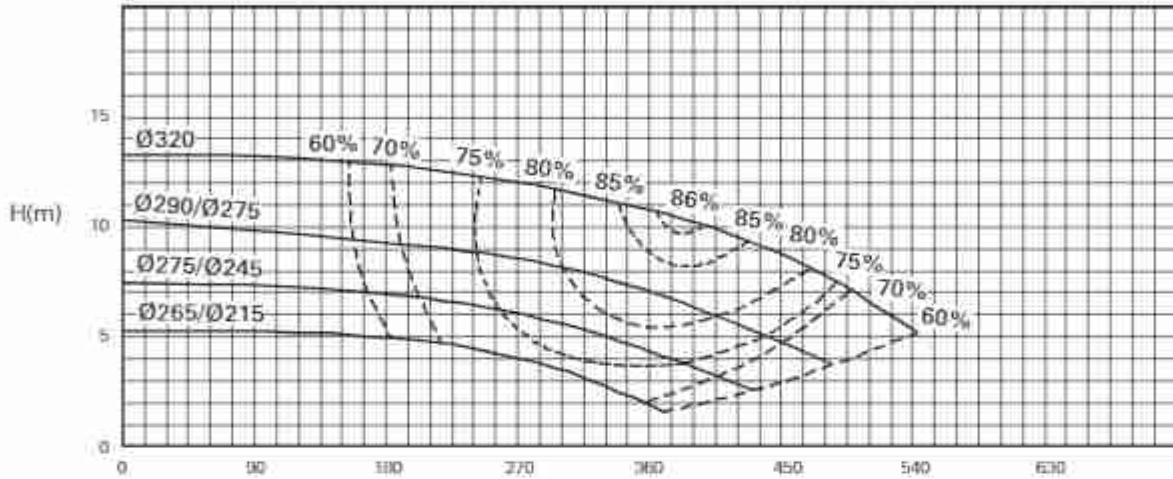


The Given details / drawings / specifications are subject to change without prior notice.

END SUCTION MIXED FLOW PUMPS

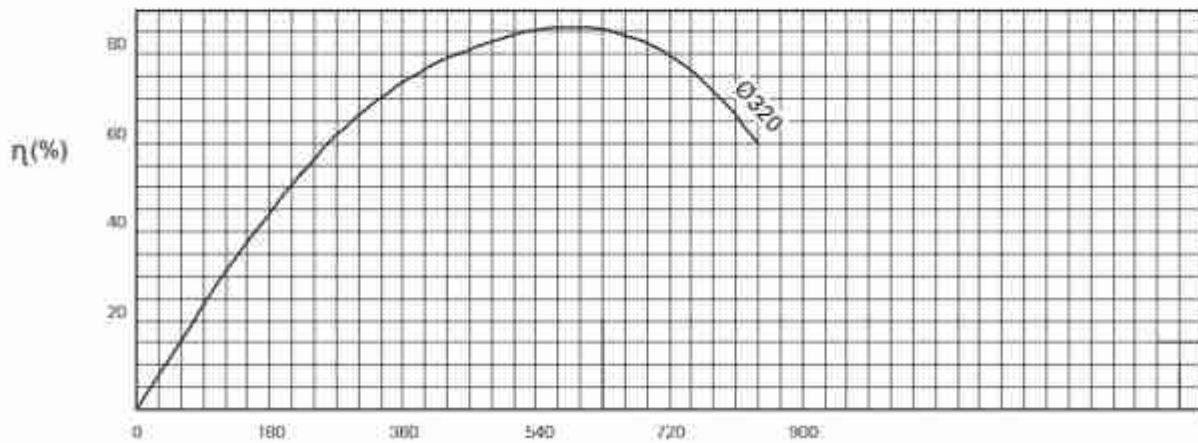
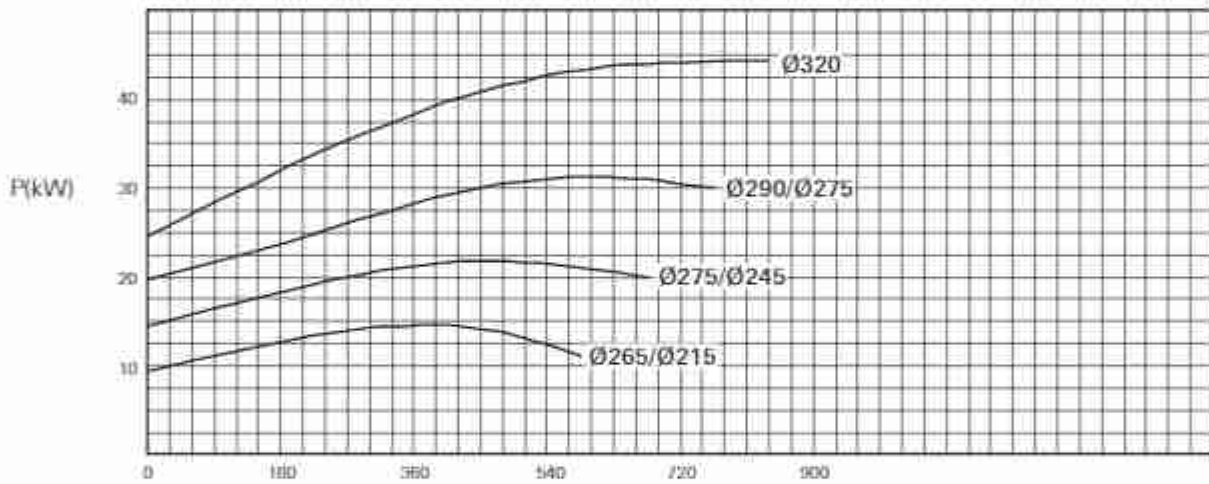
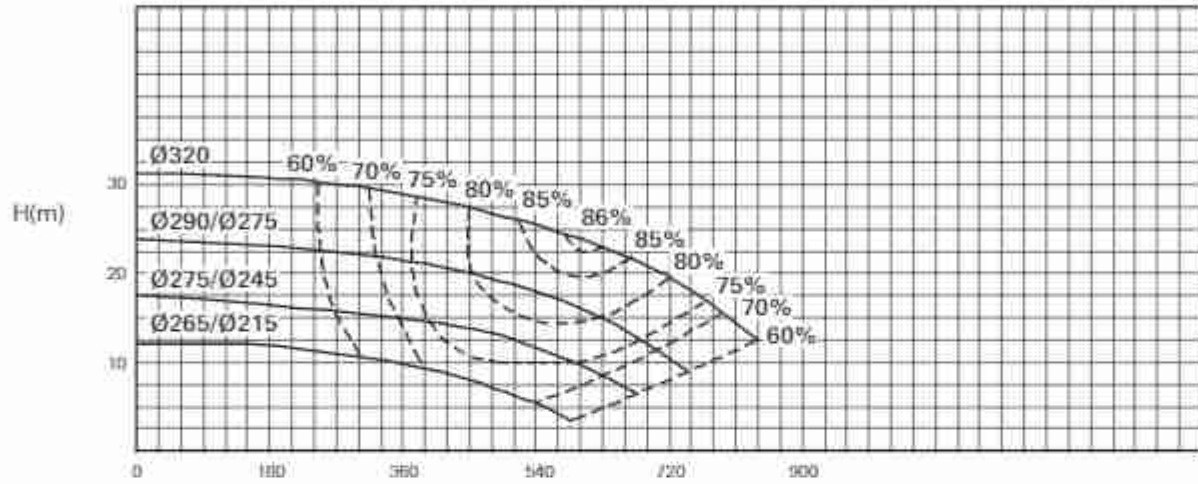
PERFORMANCE CURVE

Model	KEM-200/320
Speed	960 rpm



PERFORMANCE CURVE

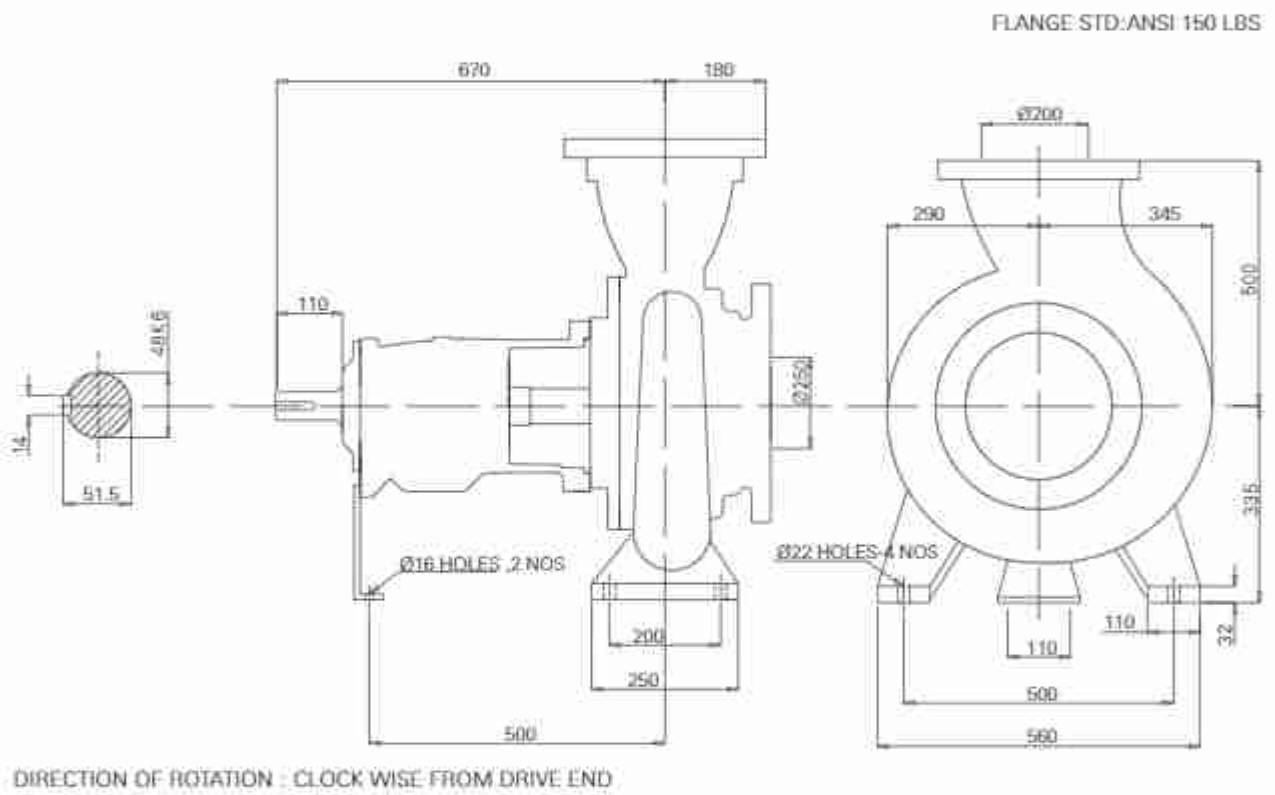
Model	KEM-200/320
Speed	1450 rpm



END SUCTION MIXED FLOW PUMPS

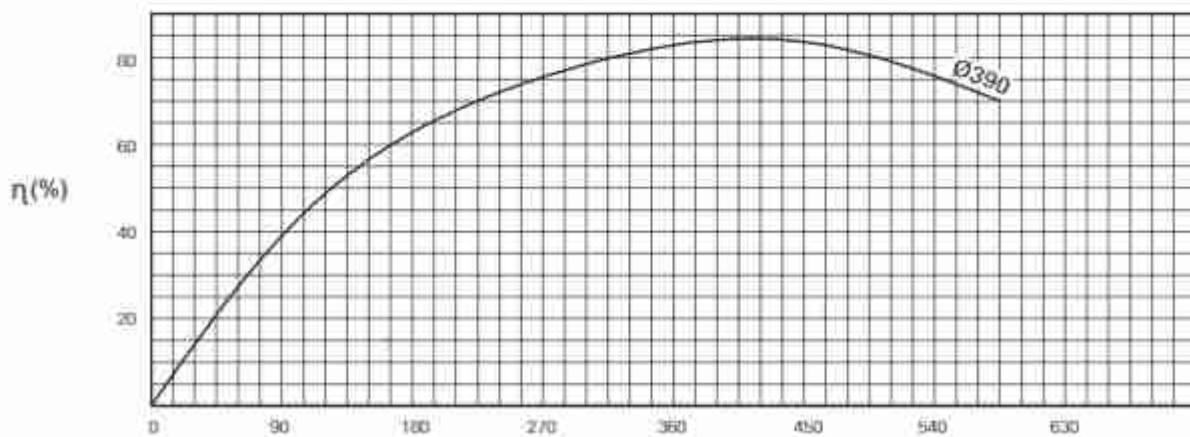
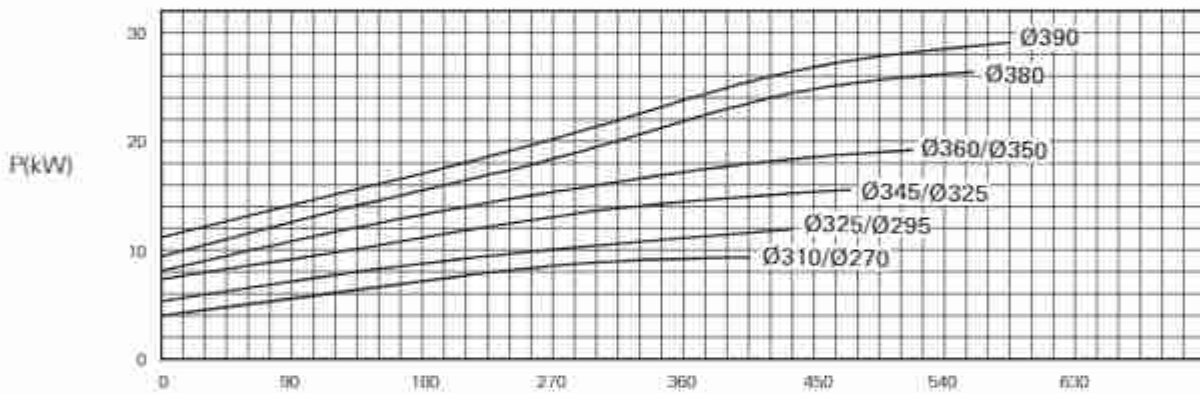
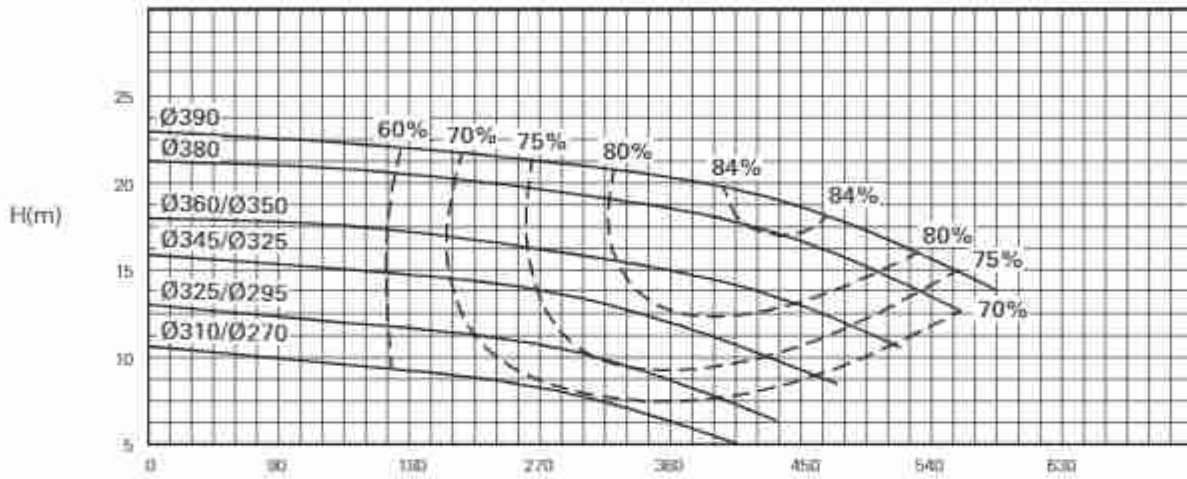
OVERALL DIMENSIONAL DRAWING

Model	KEM-200/400
Pump Size	250x200 mm



PERFORMANCE CURVE

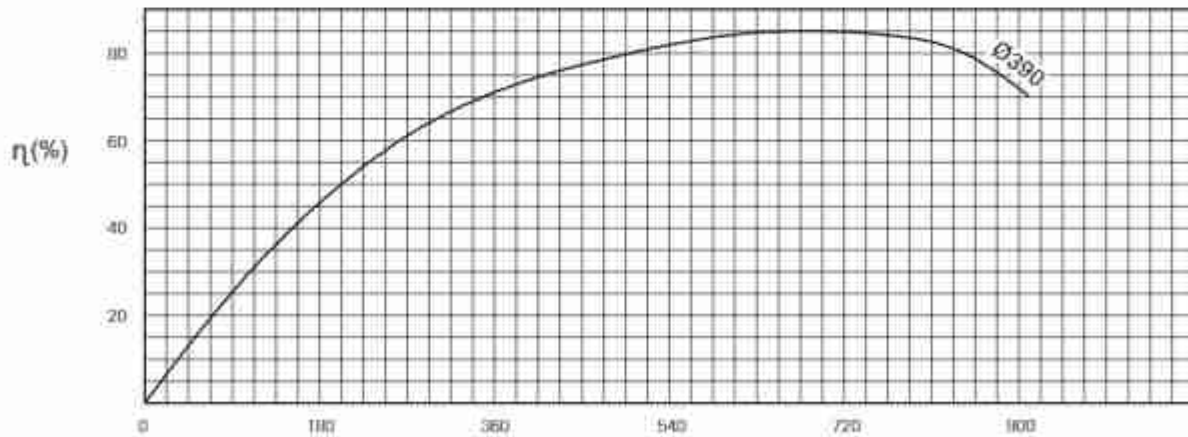
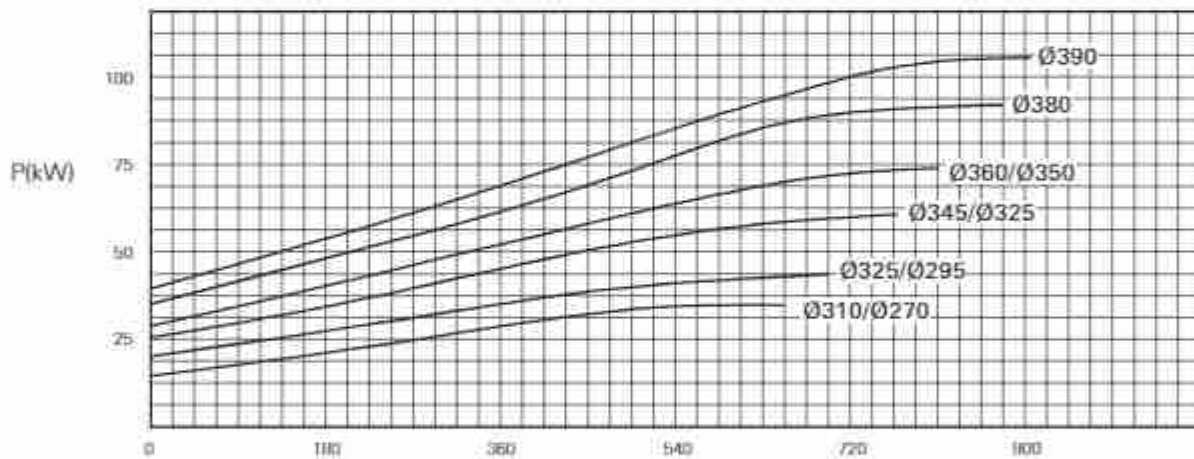
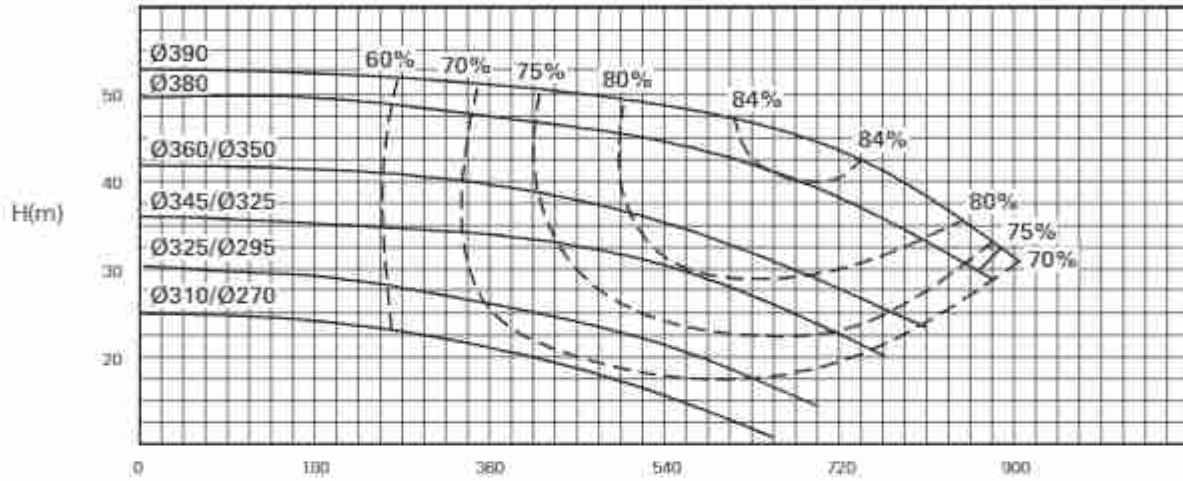
Model	KEM-200/400
Speed	960 rpm



END SUCTION MIXED FLOW PUMPS

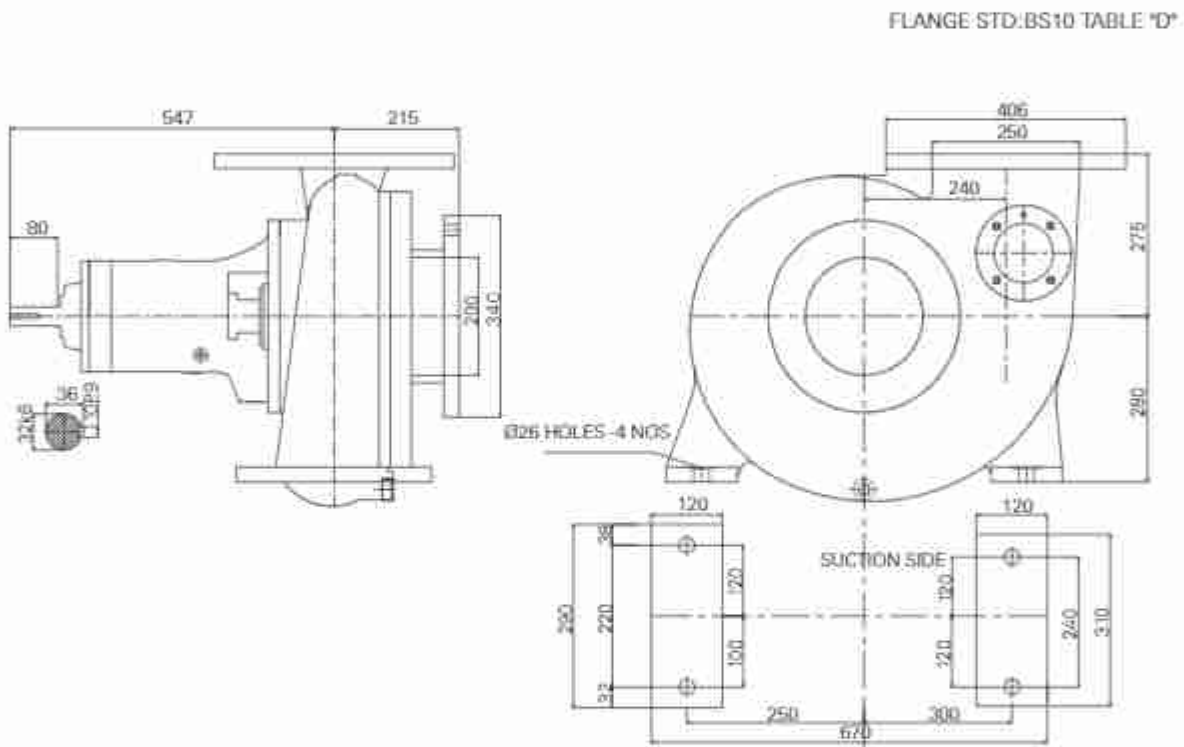
PERFORMANCE CURVE

Model	KEM-200/400
Speed	1450 rpm



OVERALL DIMENSIONAL DRAWING

Model	KEM-250/270
Pump Size	200x250 mm

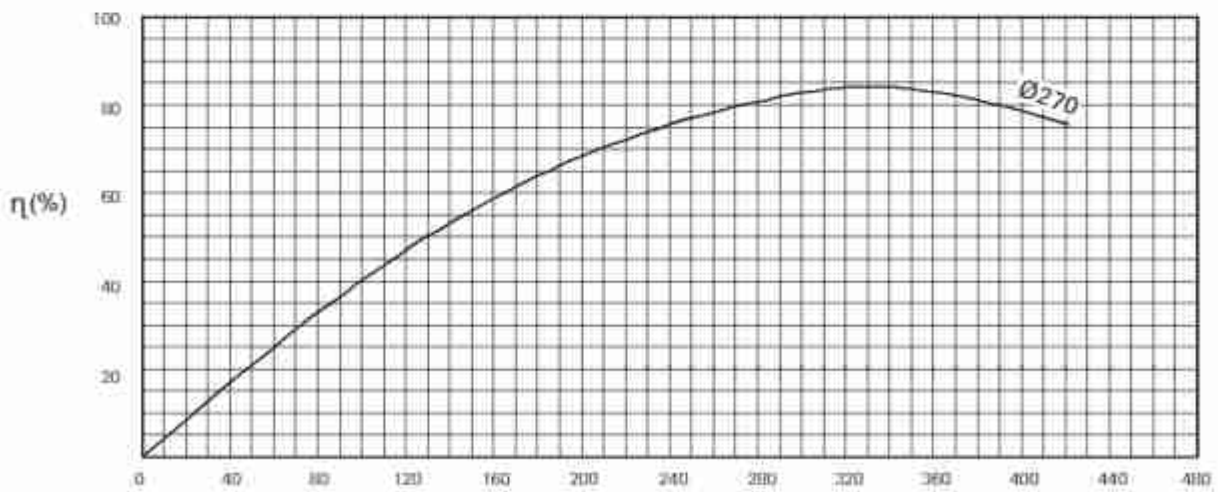
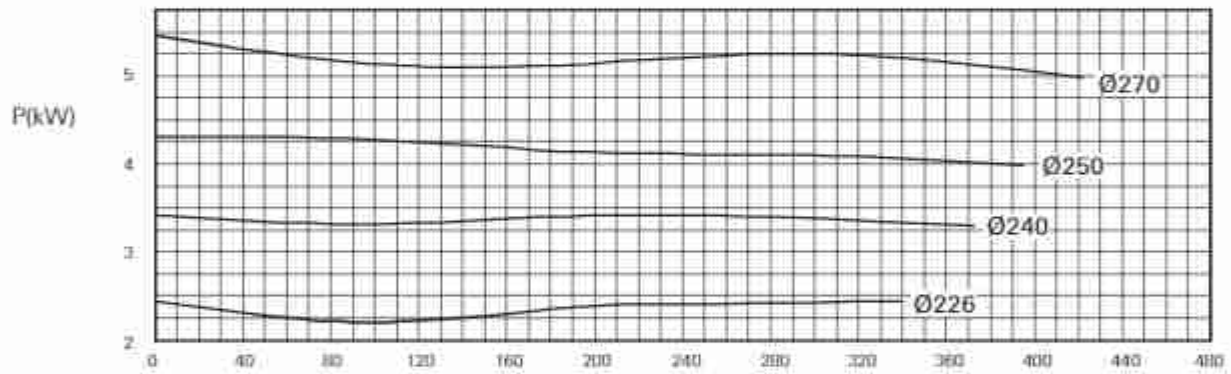
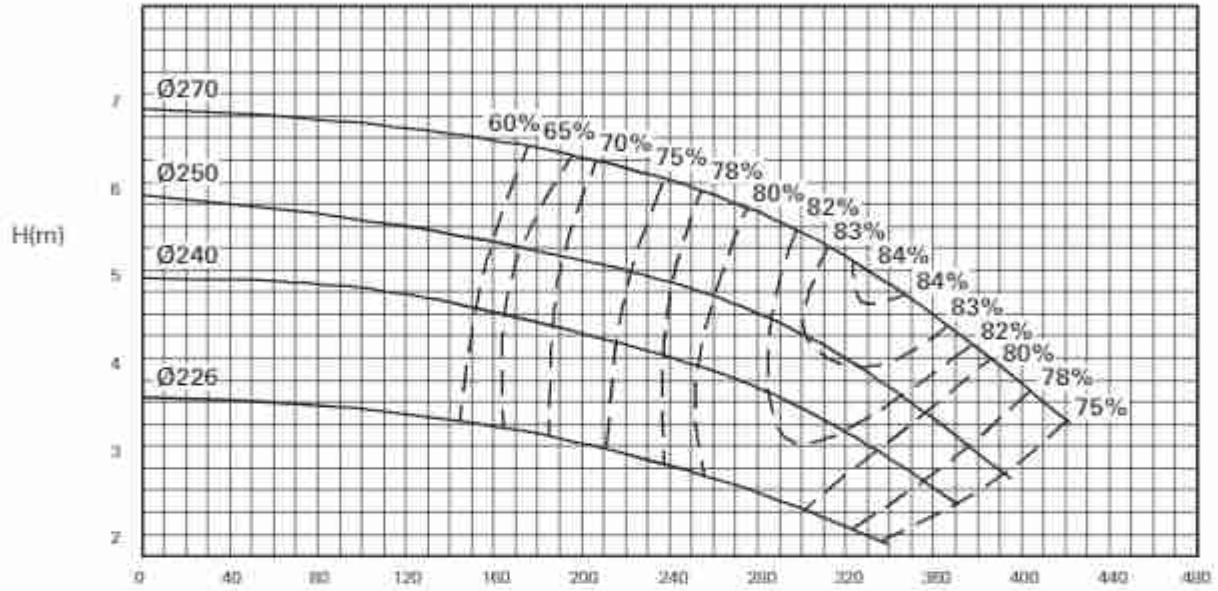


DIRECTION OF ROTATION: CLOCK WISE FROM DRIVE END

END SUCTION MIXED FLOW PUMPS

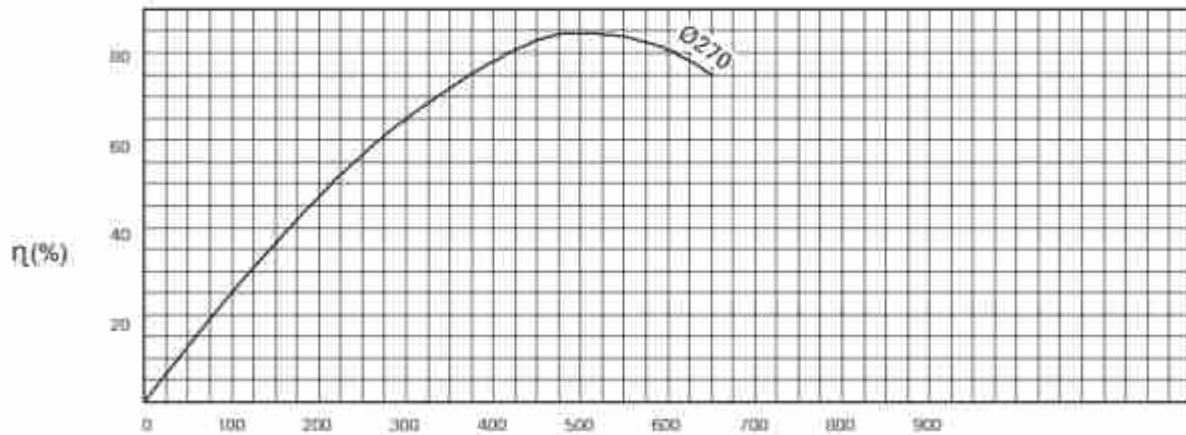
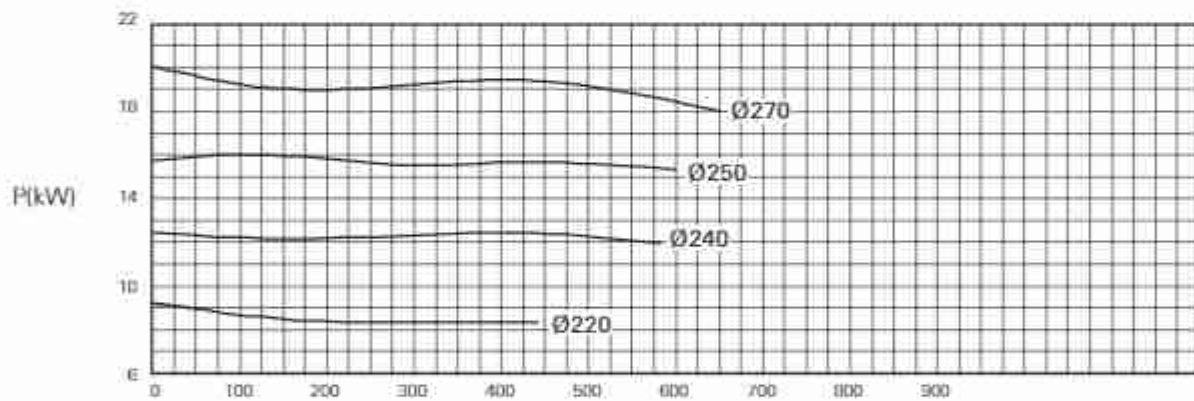
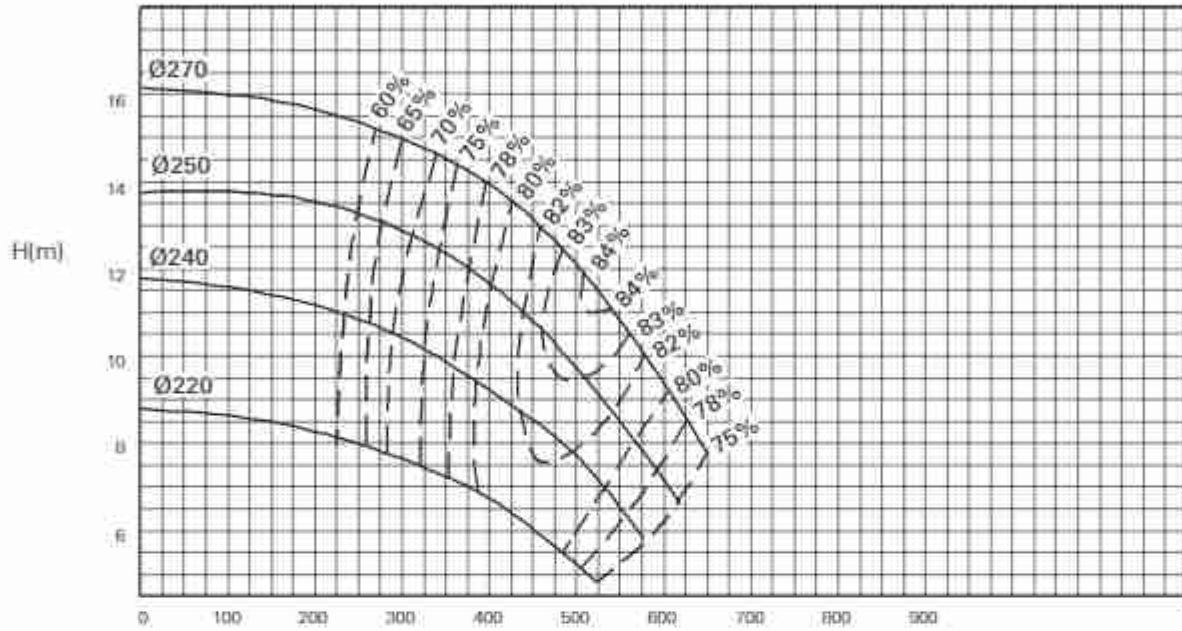
PERFORMANCE CURVE

Model	KEM-250/270
Speed	960 rpm



PERFORMANCE CURVE

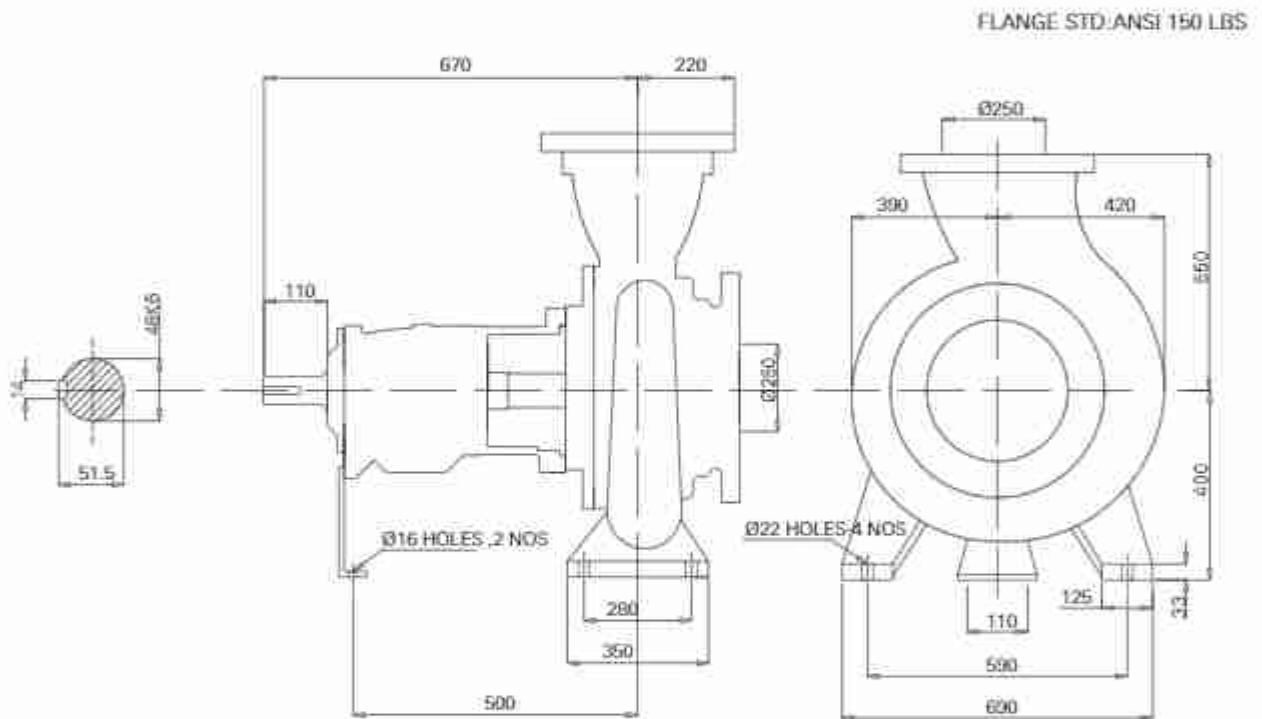
Model	KEM-250/270
Speed	1450 rpm



END SUCTION MIXED FLOW PUMPS

OVERALL DIMENSIONAL DRAWING

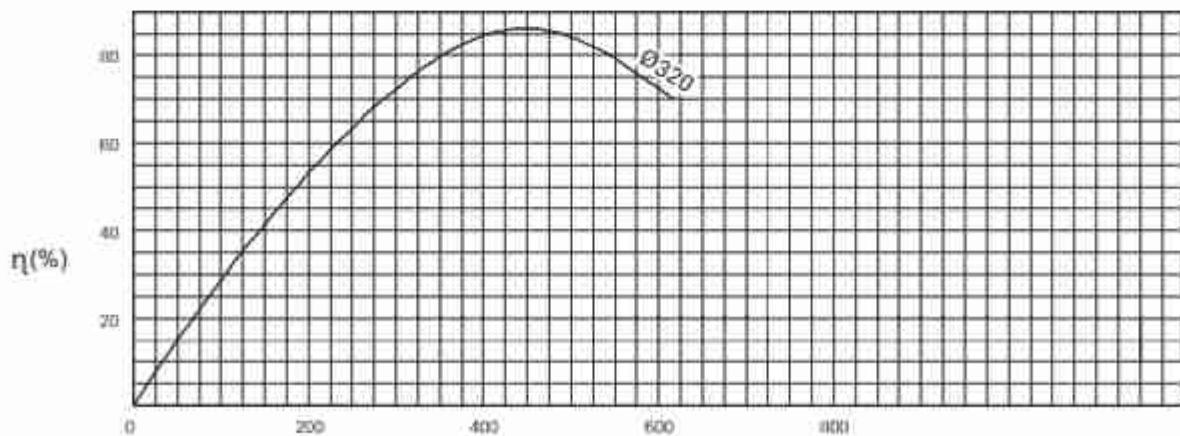
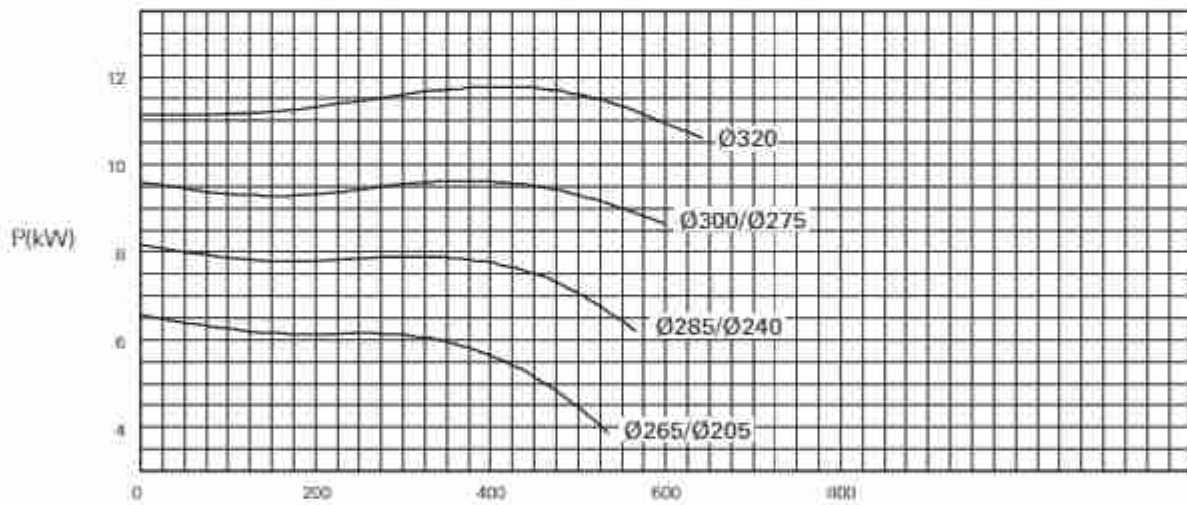
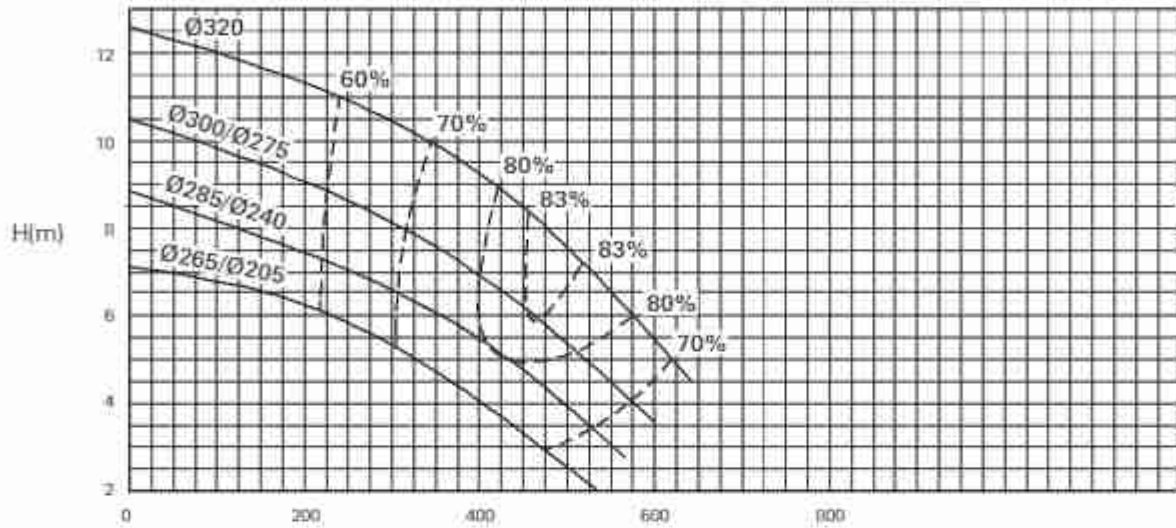
Model	KEM-250/320
Pump Size	250x250 mm



DIRECTION OF ROTATION : CLOCK WISE FROM DRIVE END

PERFORMANCE CURVE

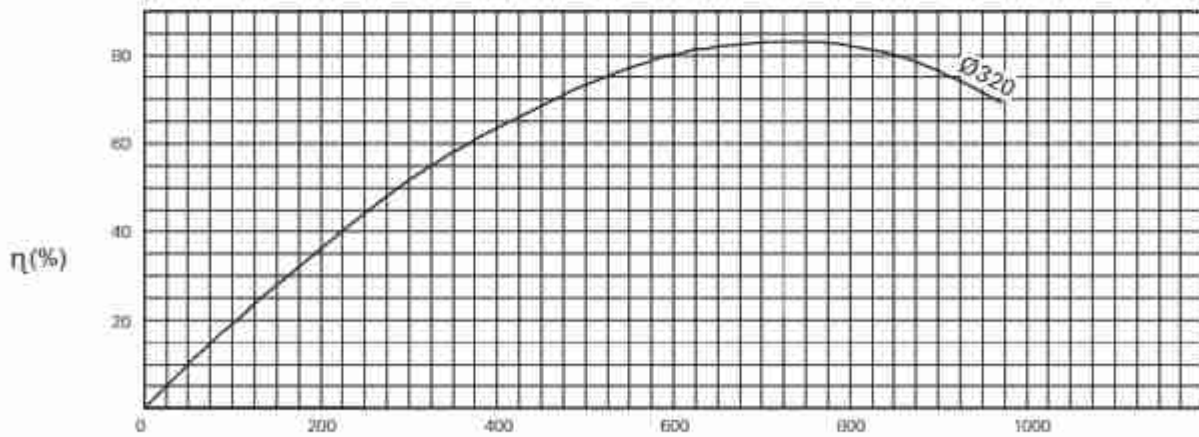
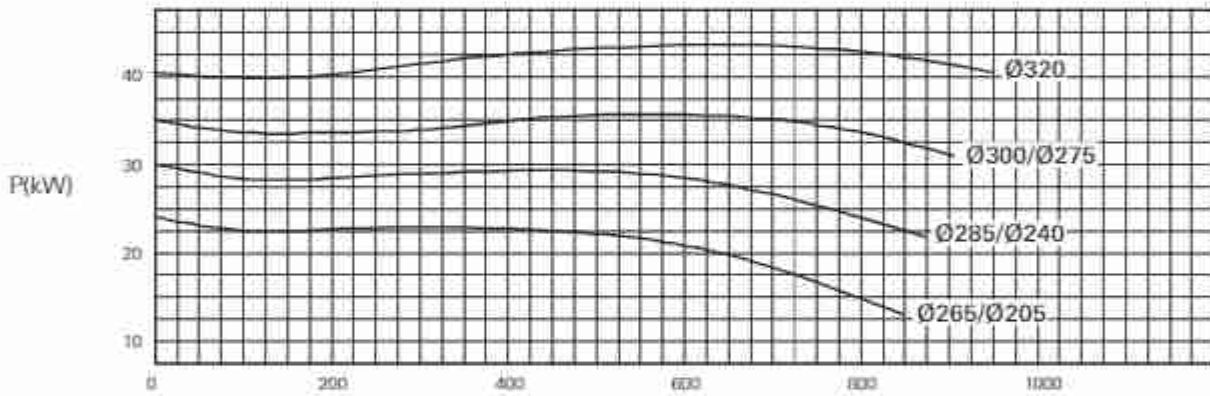
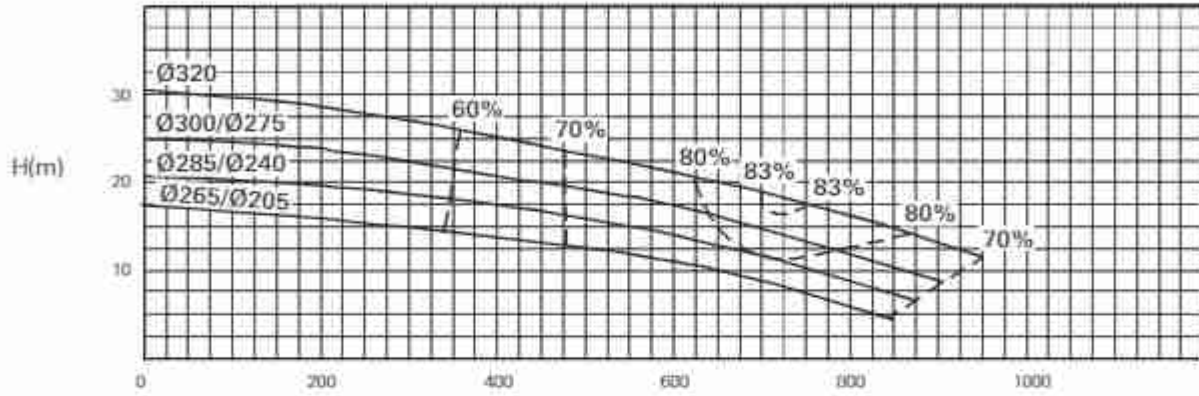
Model	KEM-250/320
Speed	960 rpm



END SUCTION MIXED FLOW PUMPS

PERFORMANCE CURVE

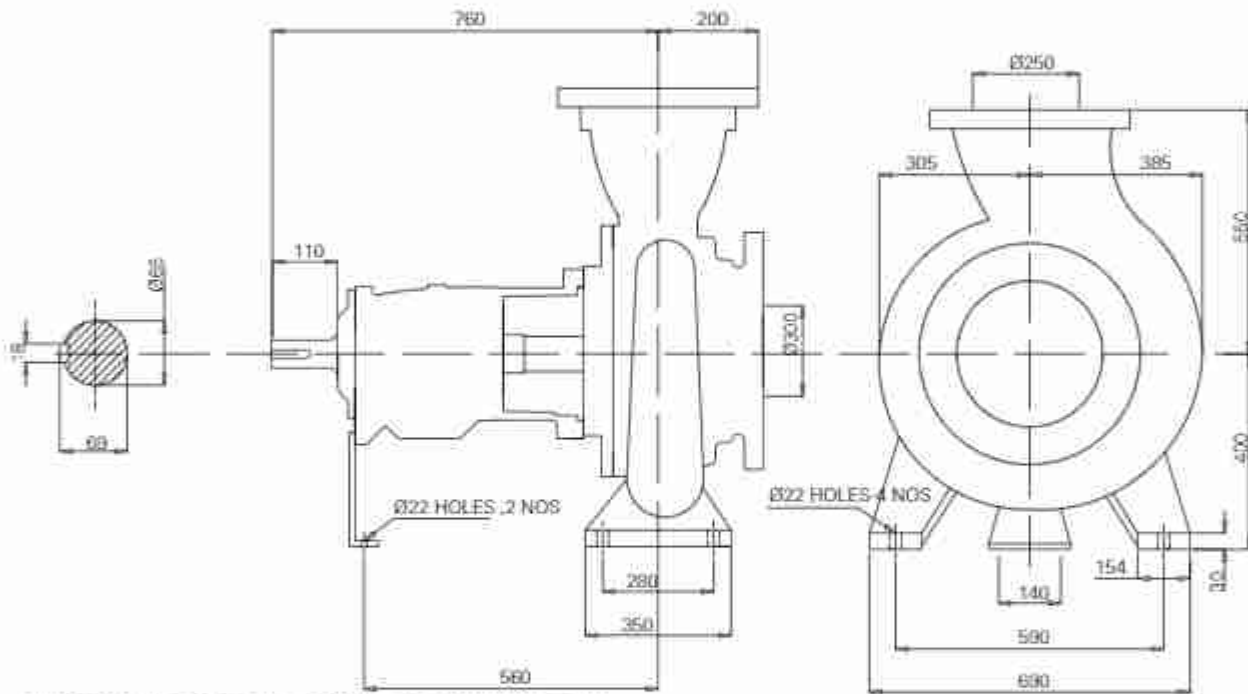
Model	KEM-250/320
Speed	1450 rpm



OVERALL DIMENSIONAL DRAWING

Model	KEM-250/400
Pump Size	300x250 mm

FLANGE STD:ANSI 150 LBS

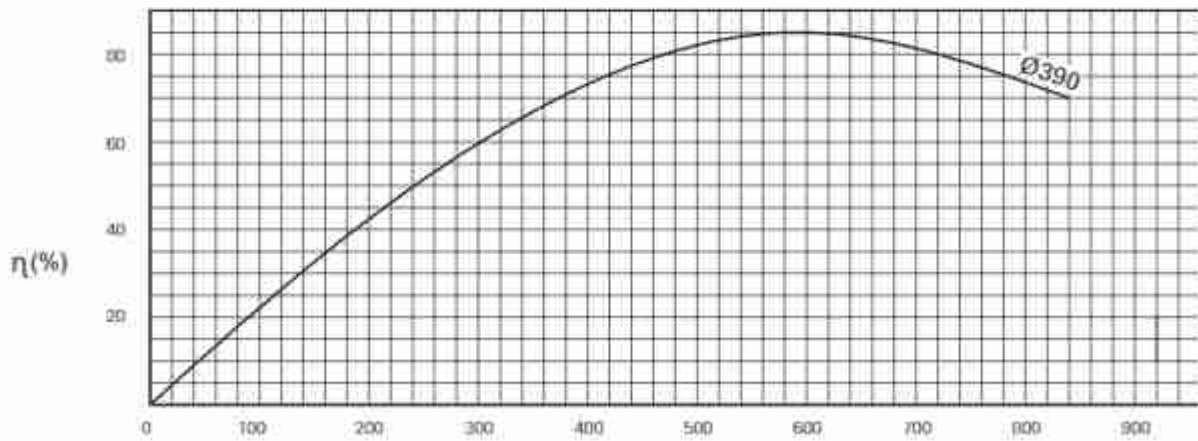
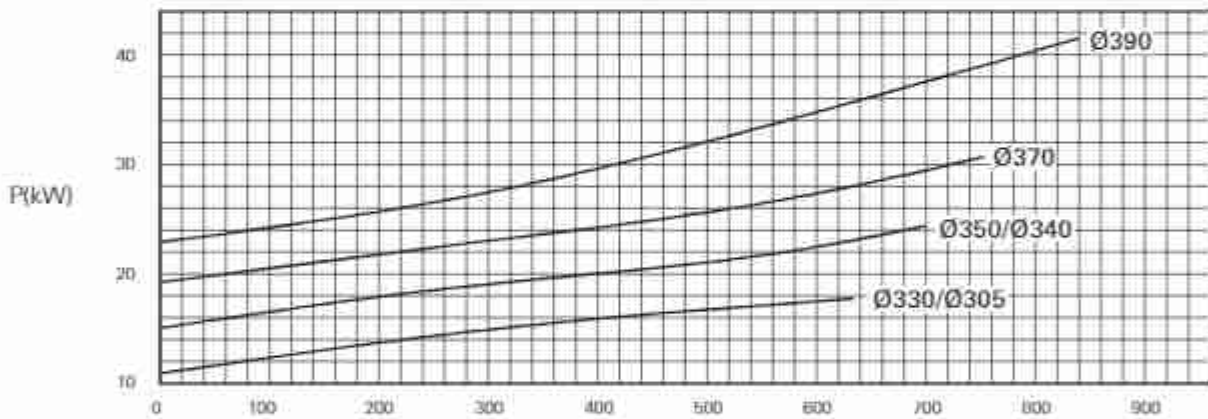
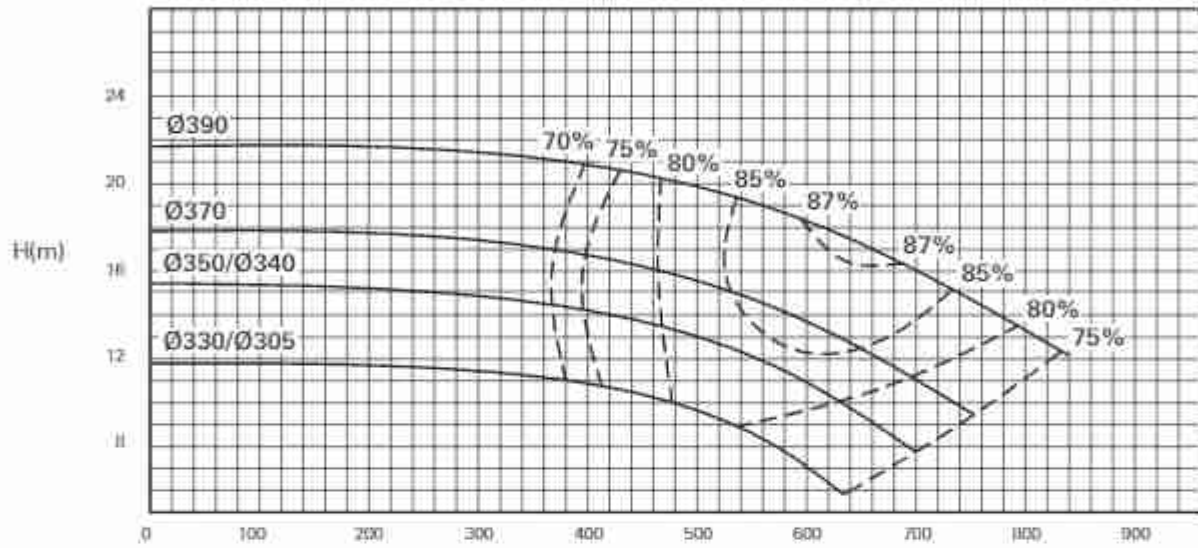


DIRECTION OF ROTATION : CLOCK WISE FROM DRIVE END

END SUCTION MIXED FLOW PUMPS

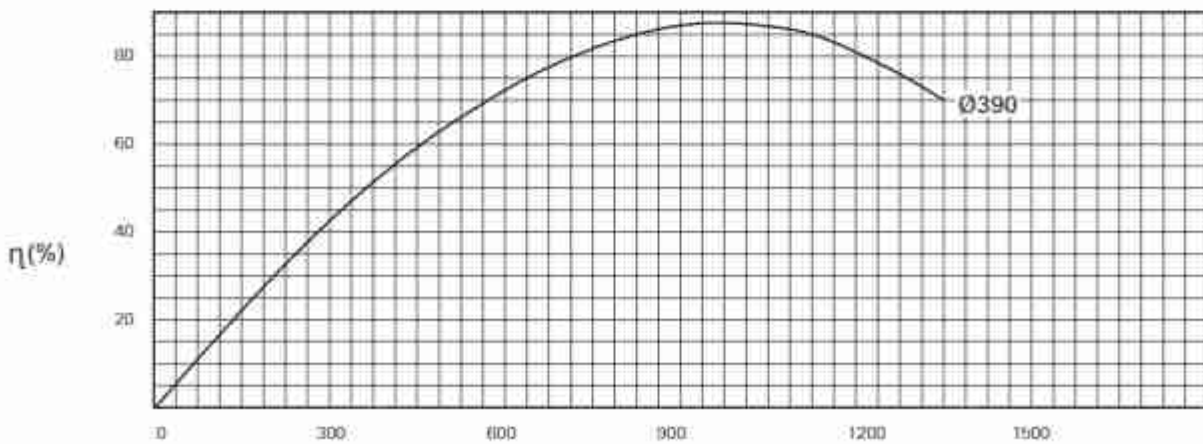
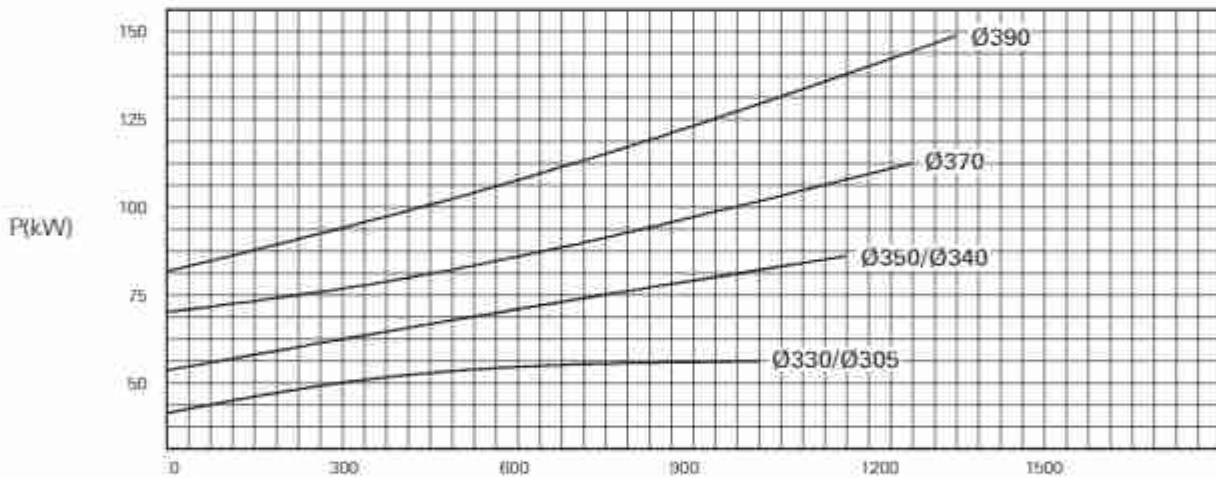
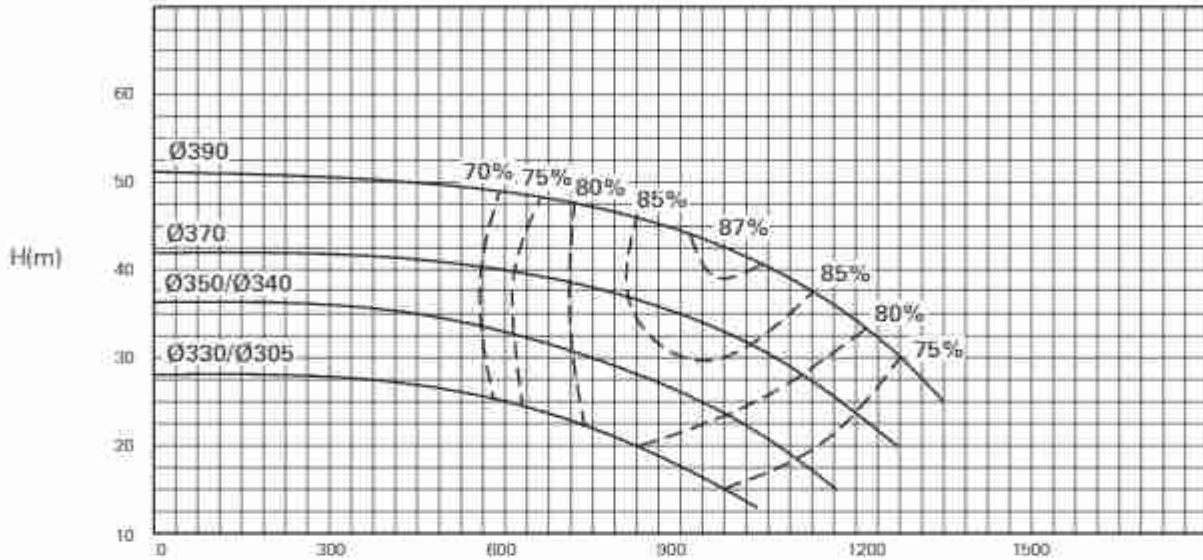
PERFORMANCE CURVE

Model	KEM-250/400
Speed	960 rpm



PERFORMANCE CURVE

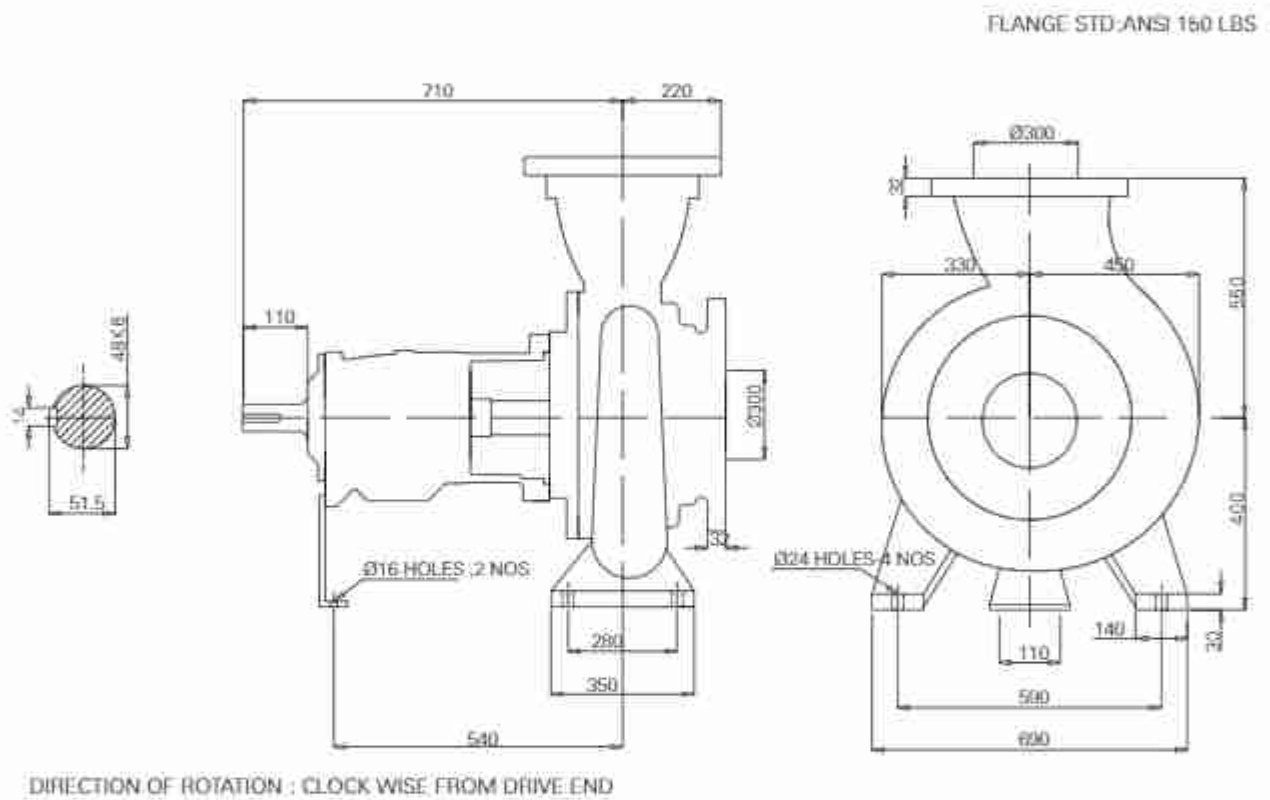
Model	KEM-250/400
Speed	1450 rpm



END SUCTION MIXED FLOW PUMPS

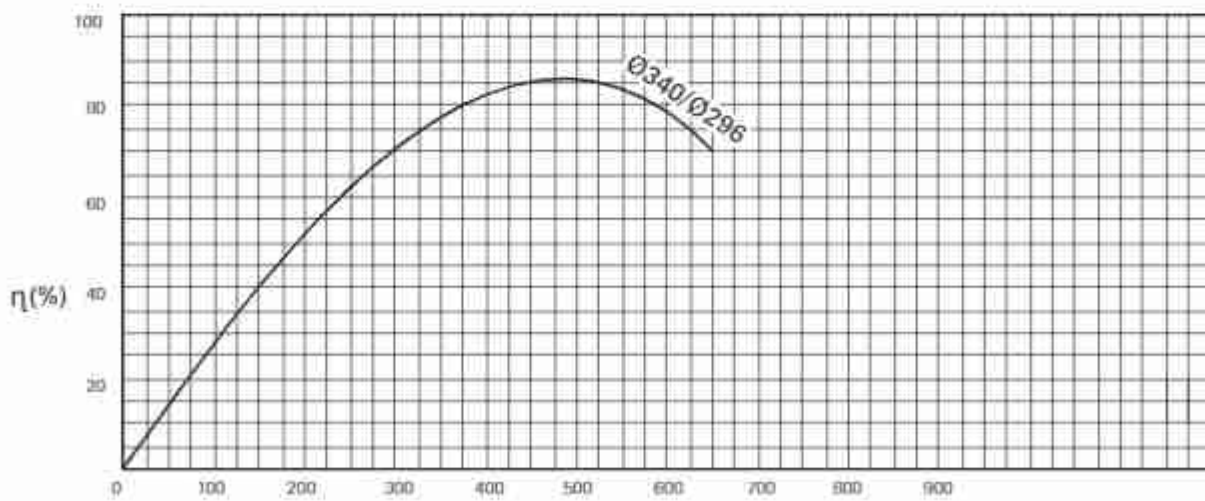
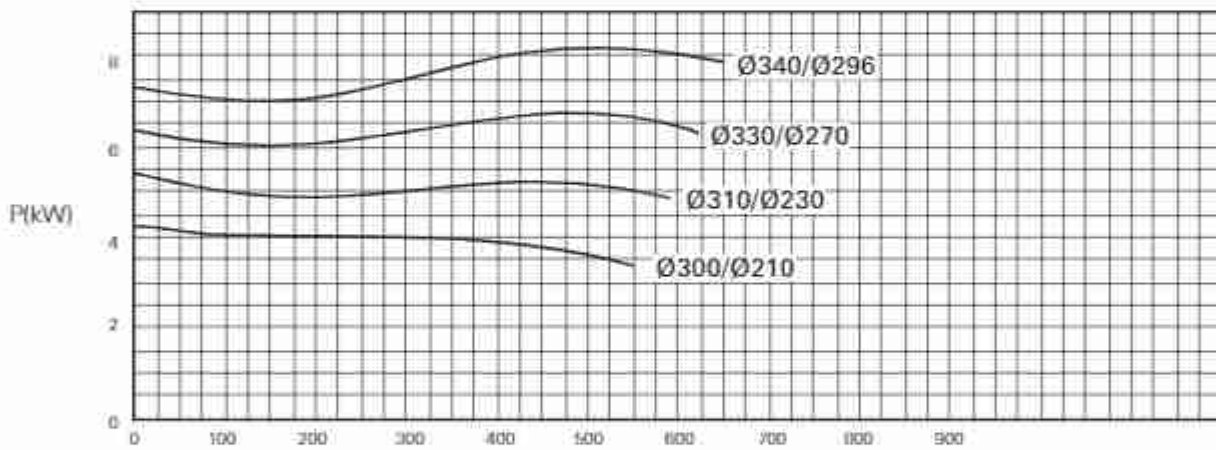
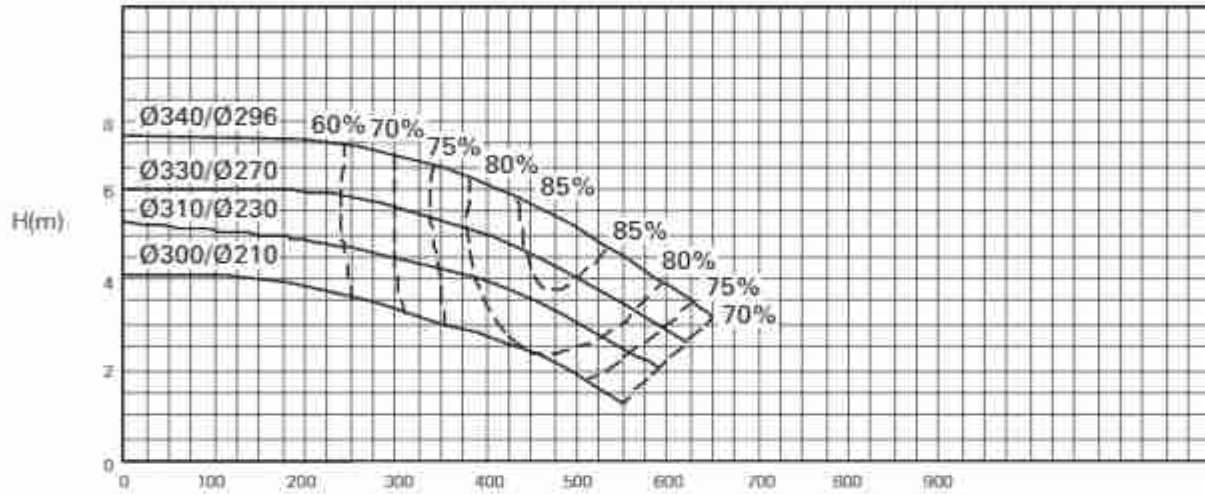
OVERALL DIMENSIONAL DRAWING

Model	KEM-300/320
Pump Size	300x300 mm



PERFORMANCE CURVE

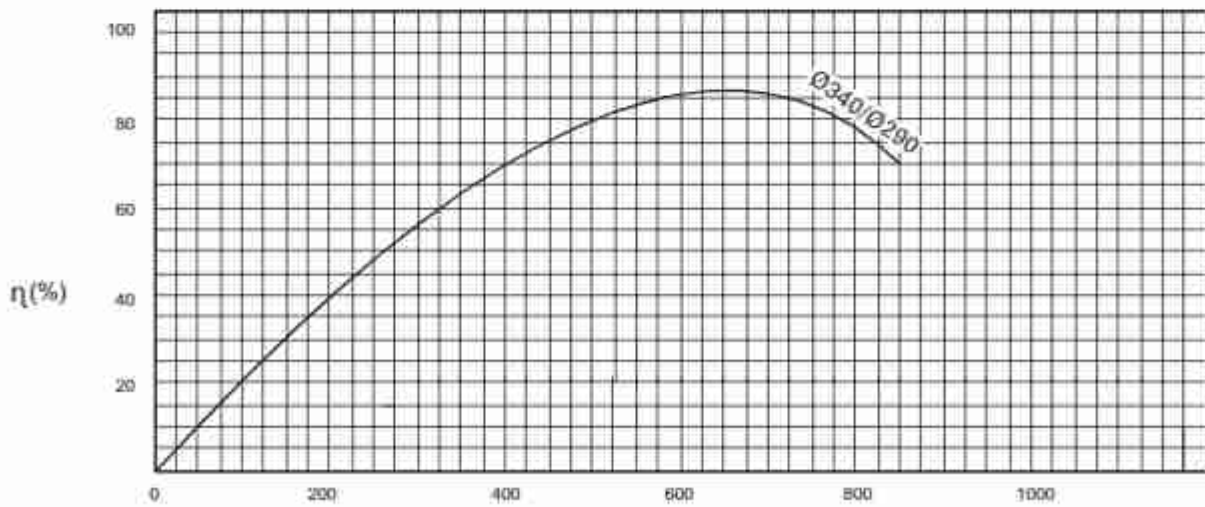
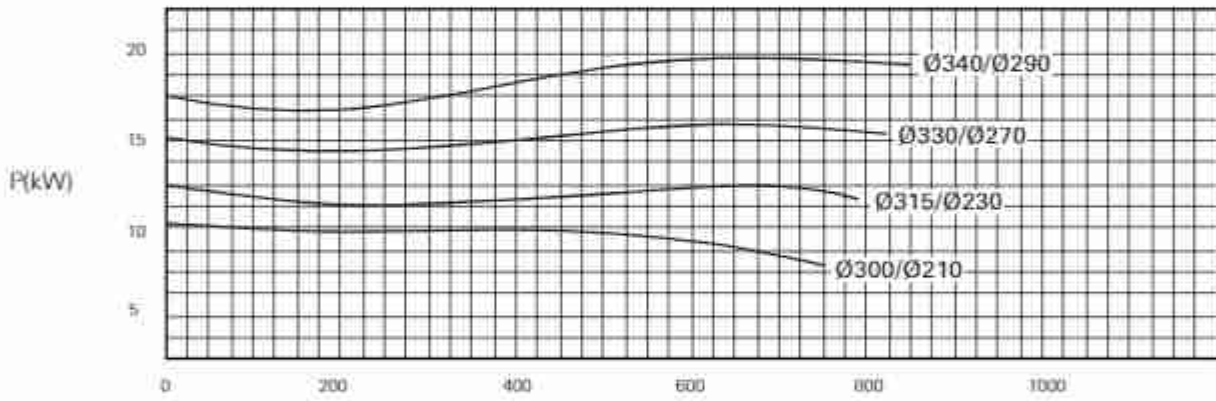
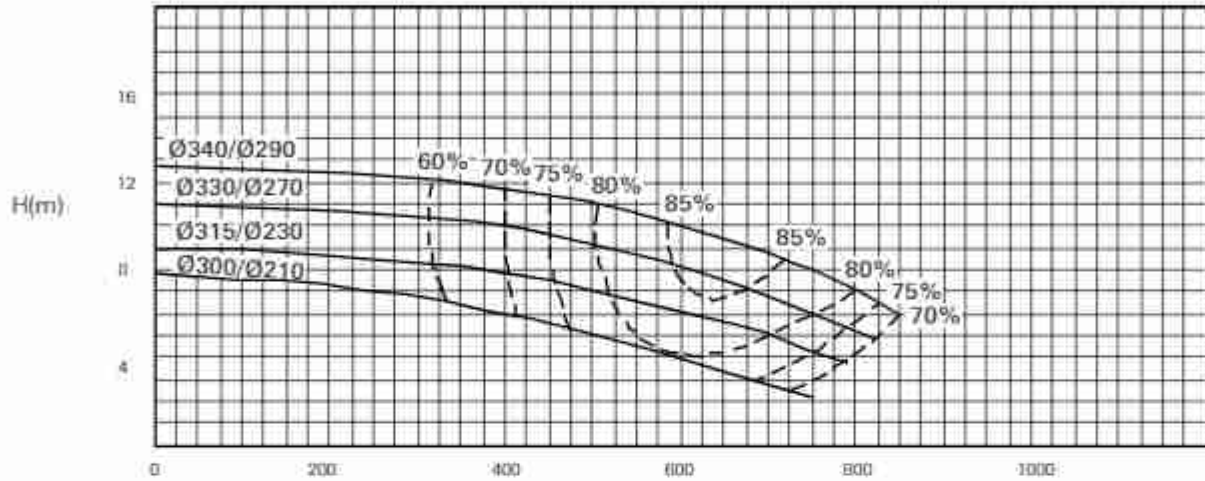
Model	KEM-300/320
Speed	720 rpm



END SUCTION MIXED FLOW PUMPS

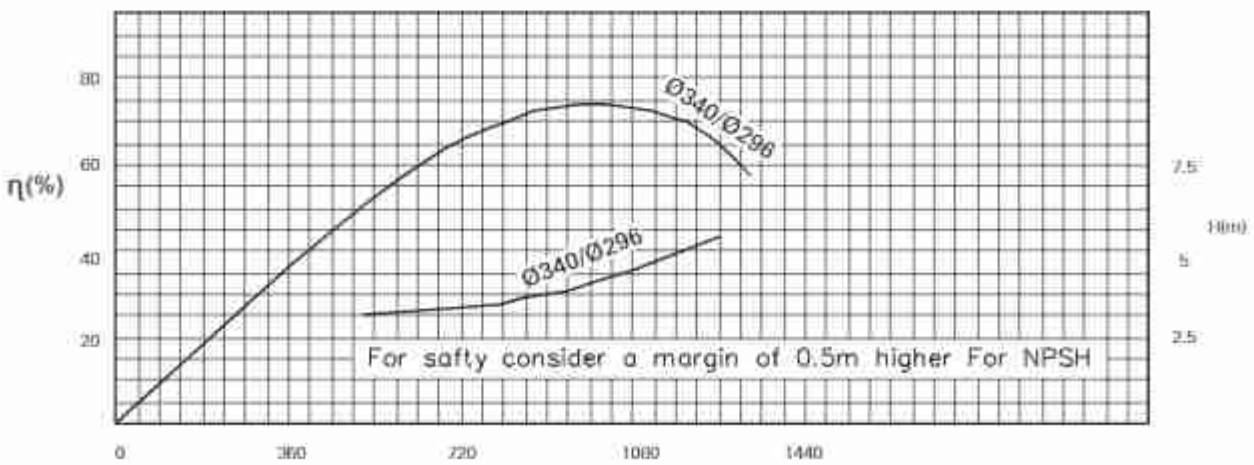
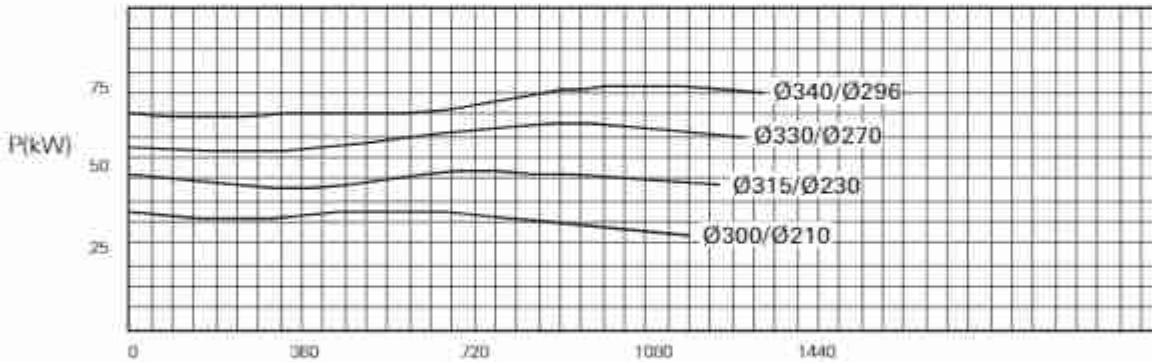
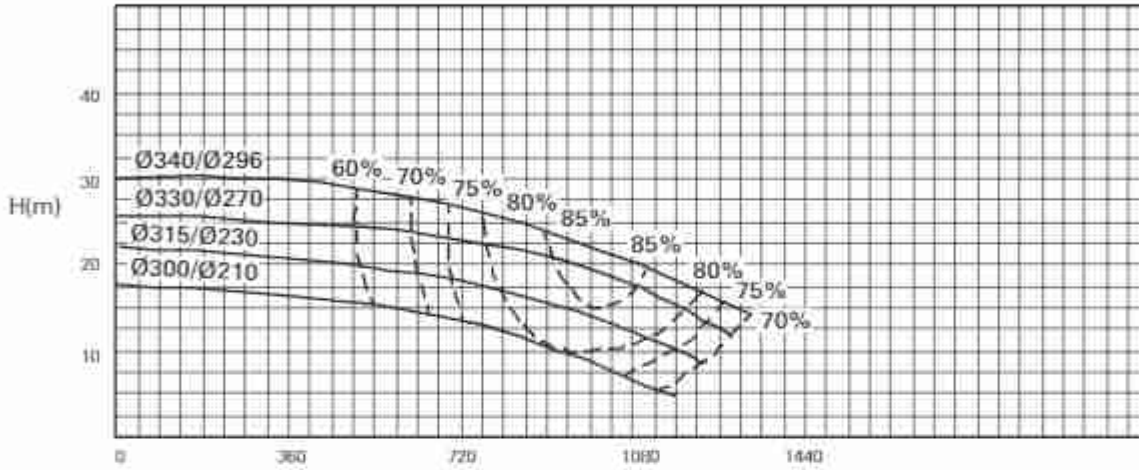
PERFORMANCE CURVE

Model	KEM-300/320
Speed	960 rpm



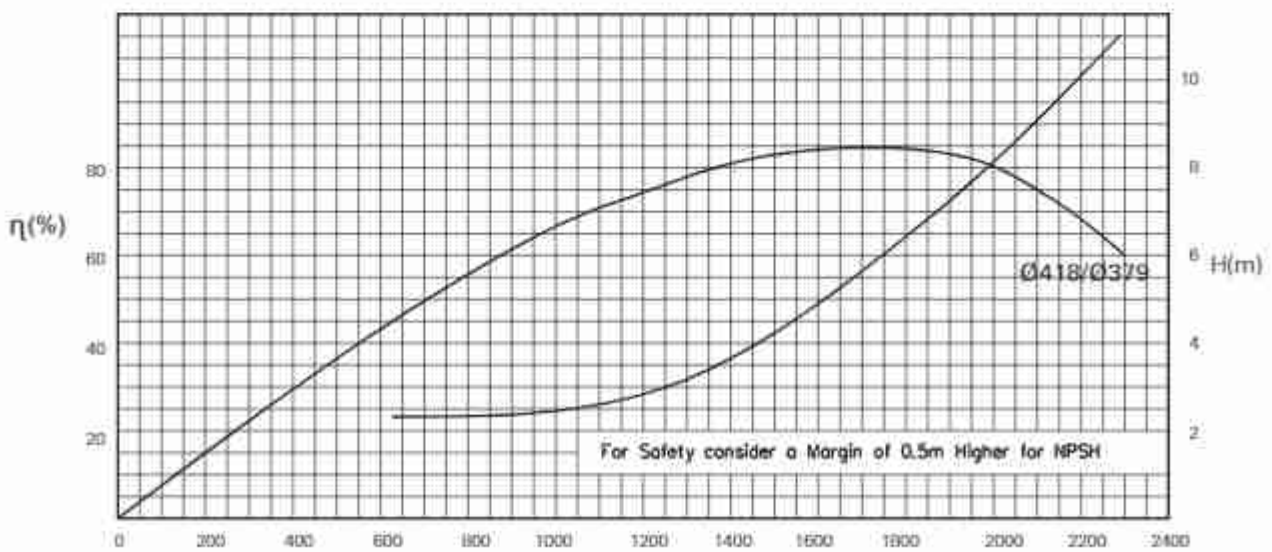
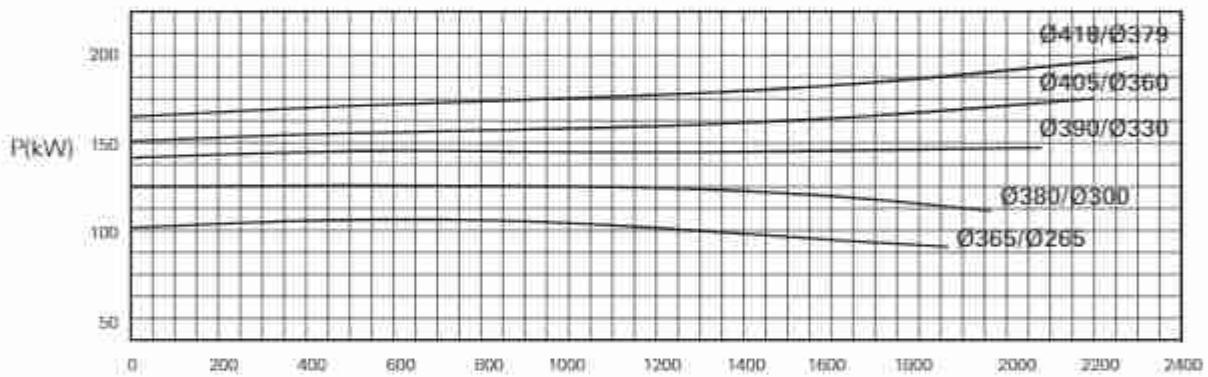
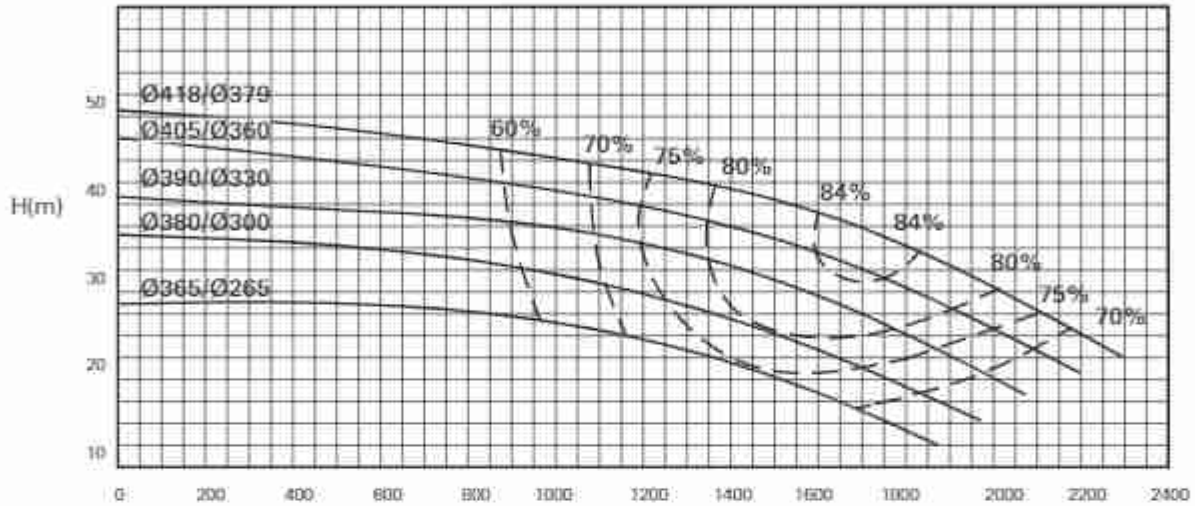
PERFORMANCE CURVE

Model	KEM-300/320
Speed	1450 rpm



PERFORMANCE CURVE

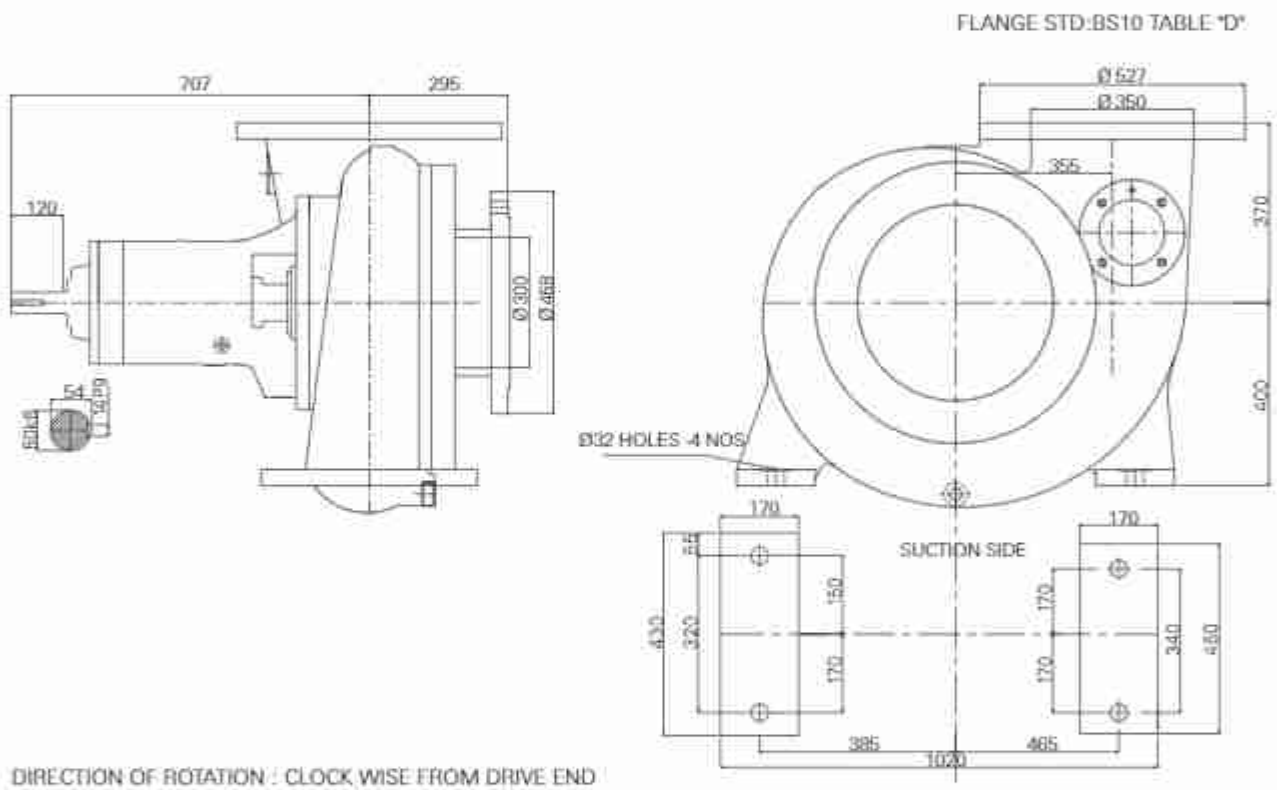
Model	KEM-300/400
Speed	1450 rpm



END SUCTION MIXED FLOW PUMPS

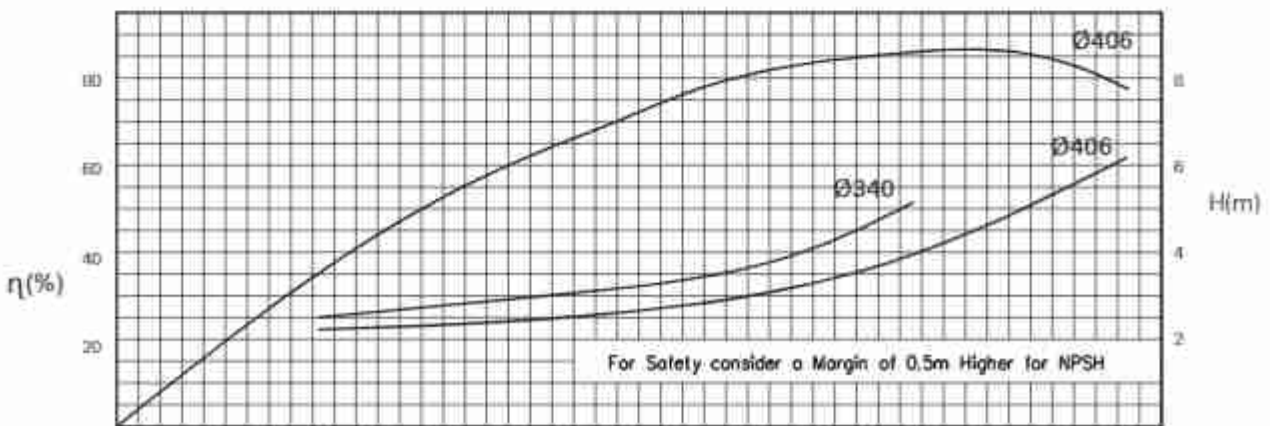
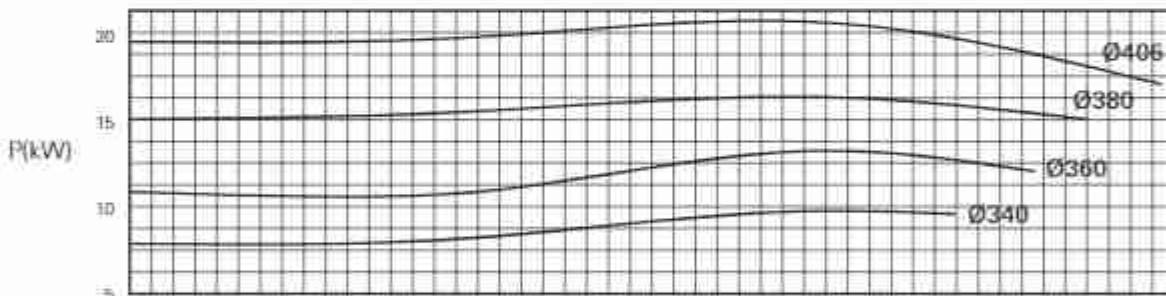
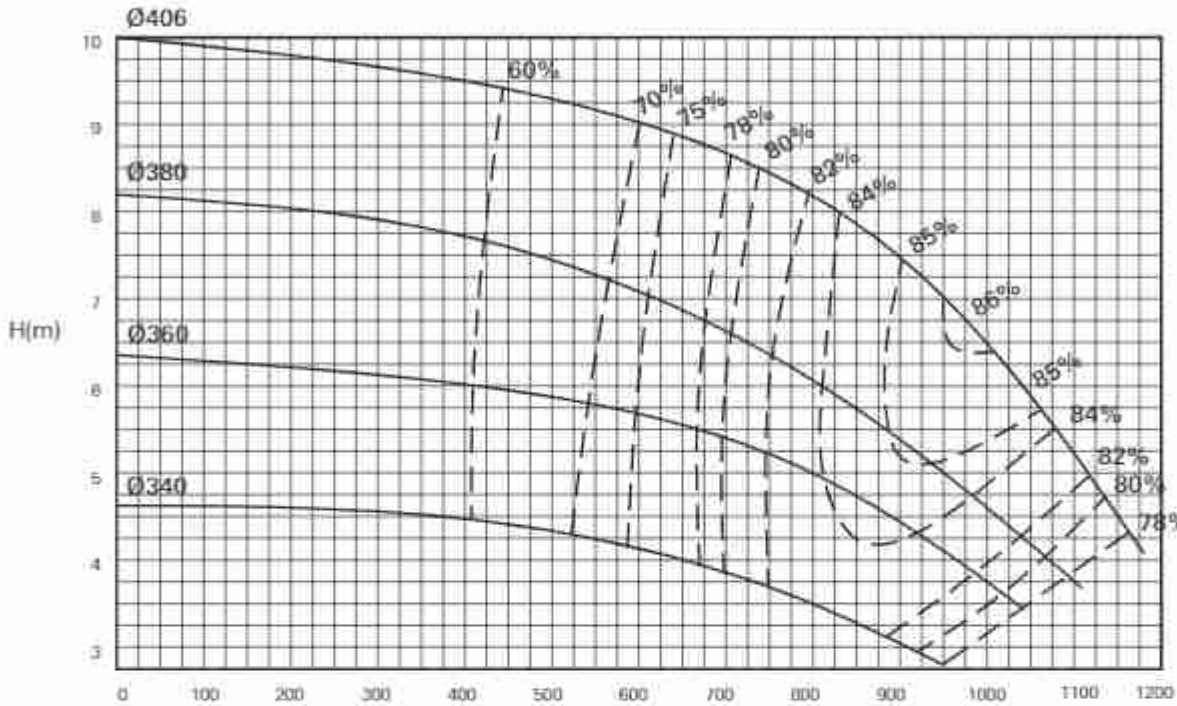
OVERALL DIMENSIONAL DRAWING

Model	KEM-350/400
Pump Size	300x350 mm



PERFORMANCE CURVE

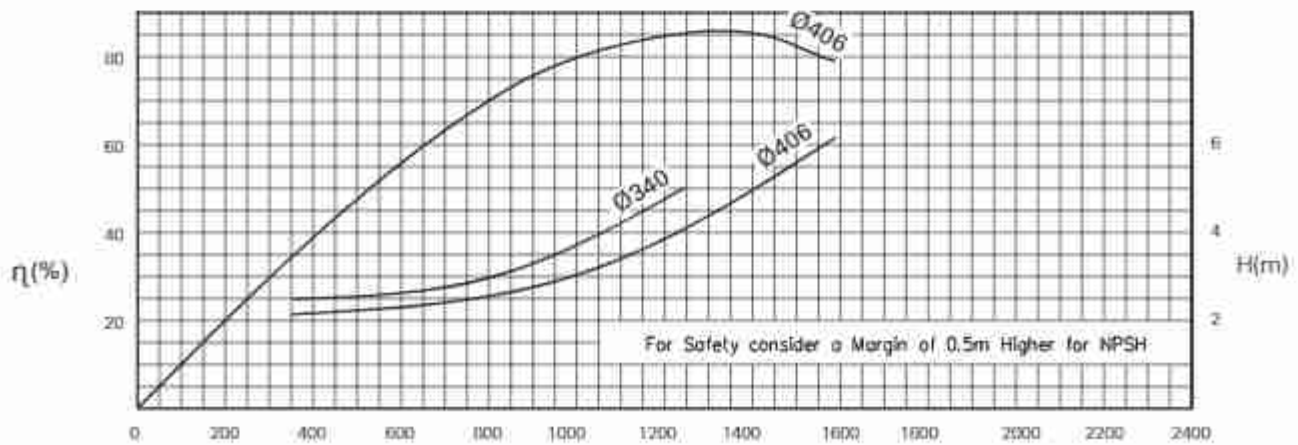
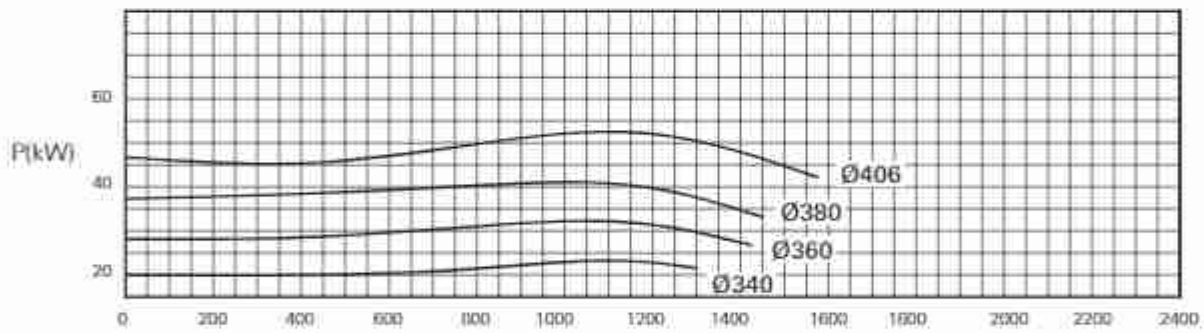
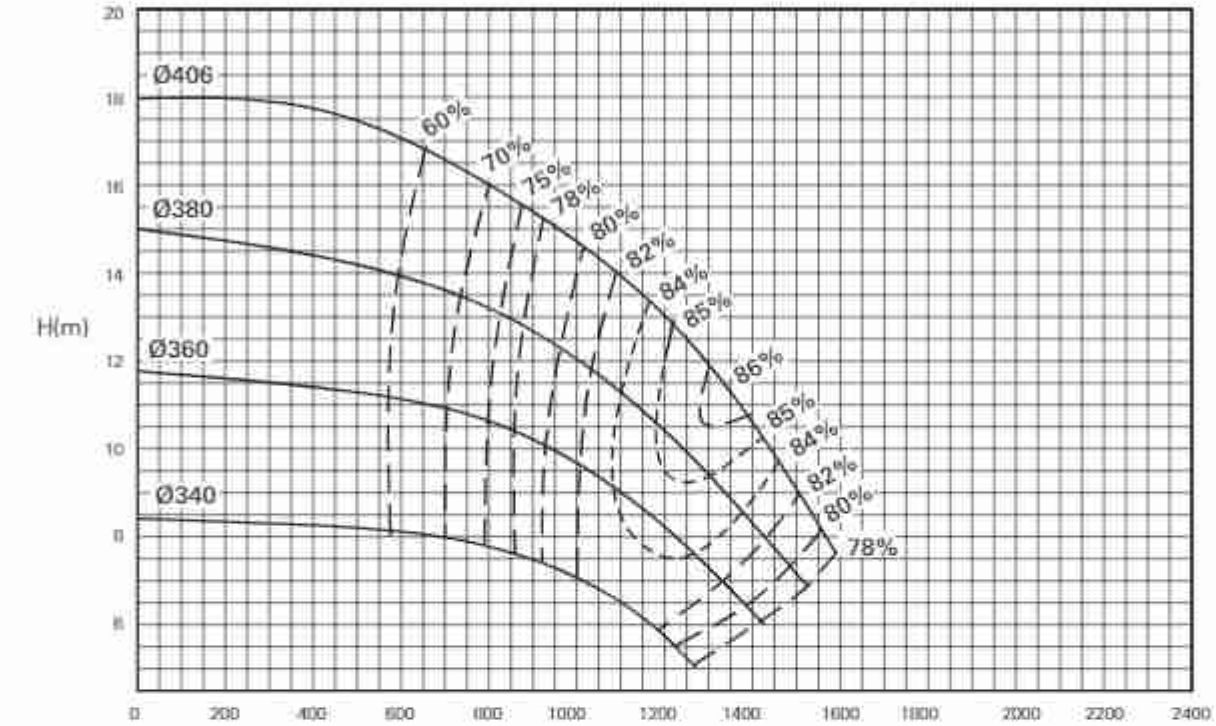
Model	KEM-350/400
Speed	720 rpm



END SUCTION MIXED FLOW PUMPS

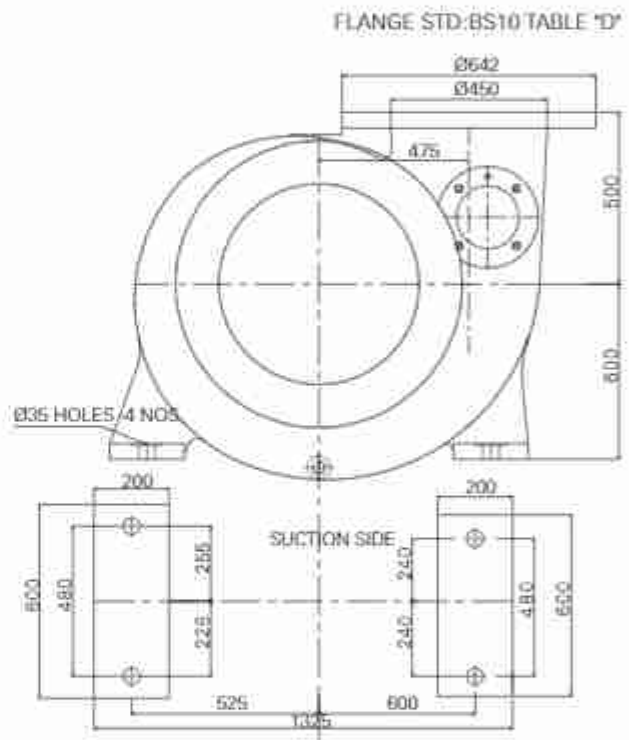
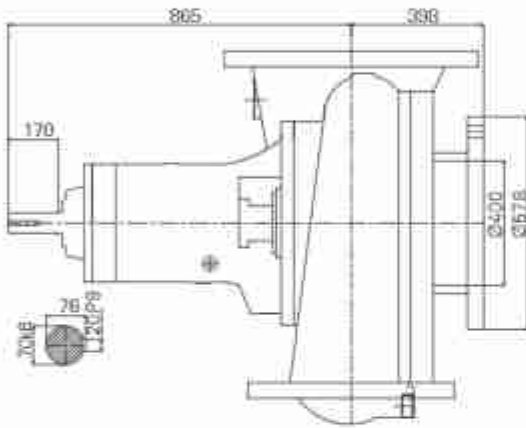
PERFORMANCE CURVE

Model	KEM-350/400
Speed	970 rpm



OVERALL DIMENSIONAL DRAWING

Model	KEM-450/550
Pump Size	400x450 mm

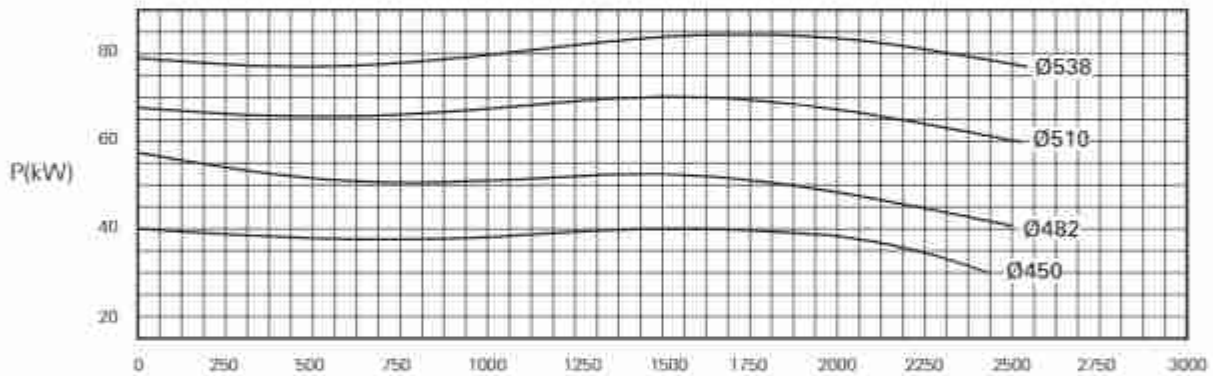
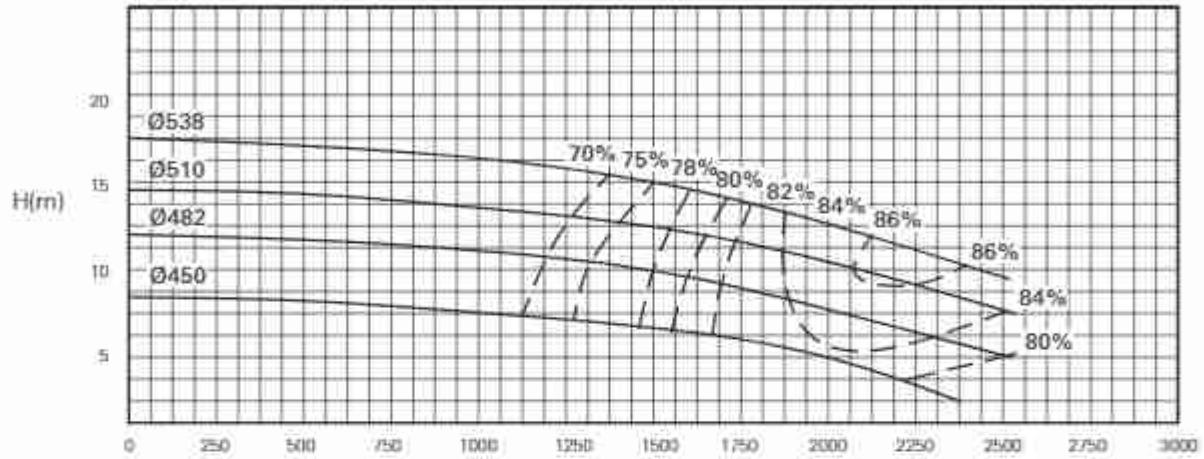


DIRECTION OF ROTATION: CLOCK WISE FROM DRIVE END

END SUCTION MIXED FLOW PUMPS

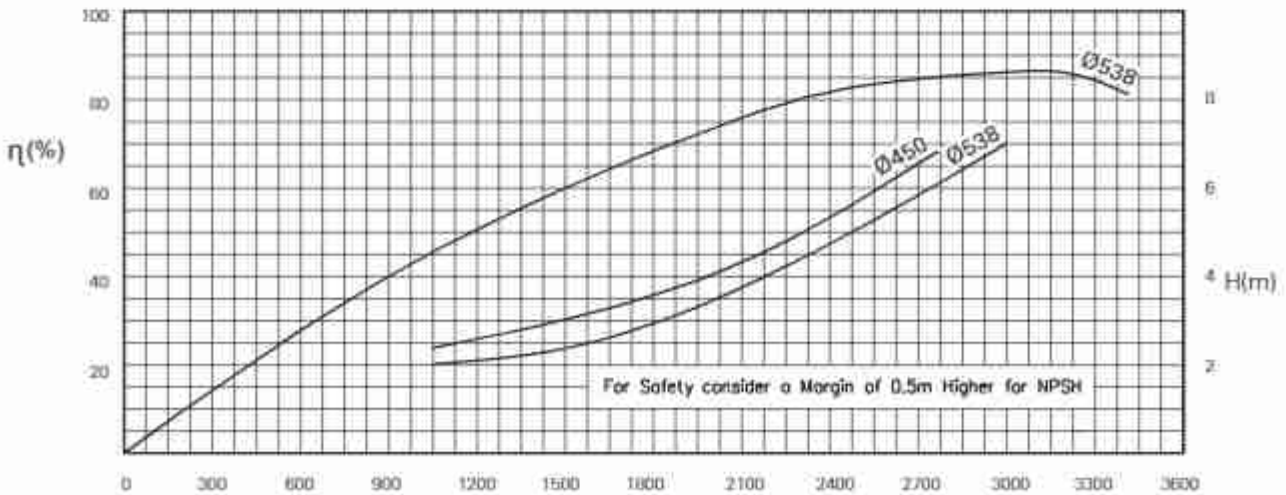
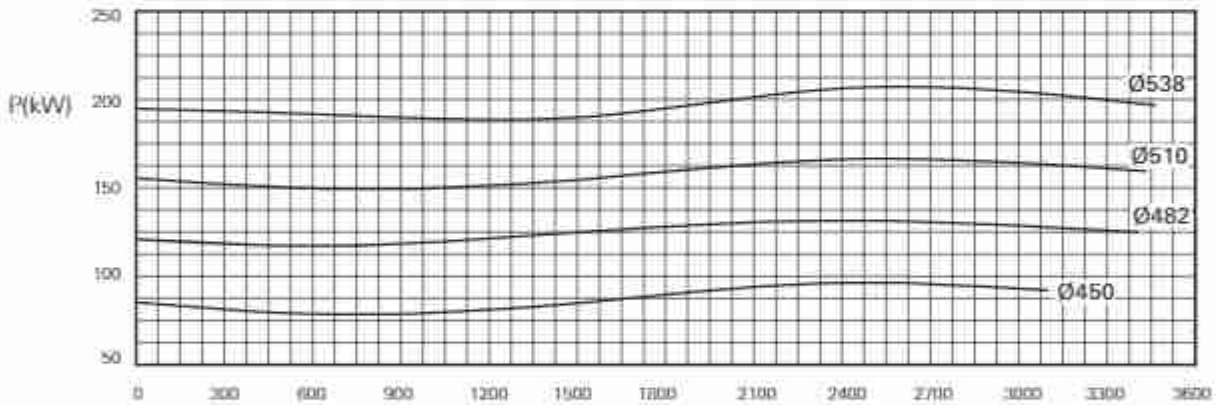
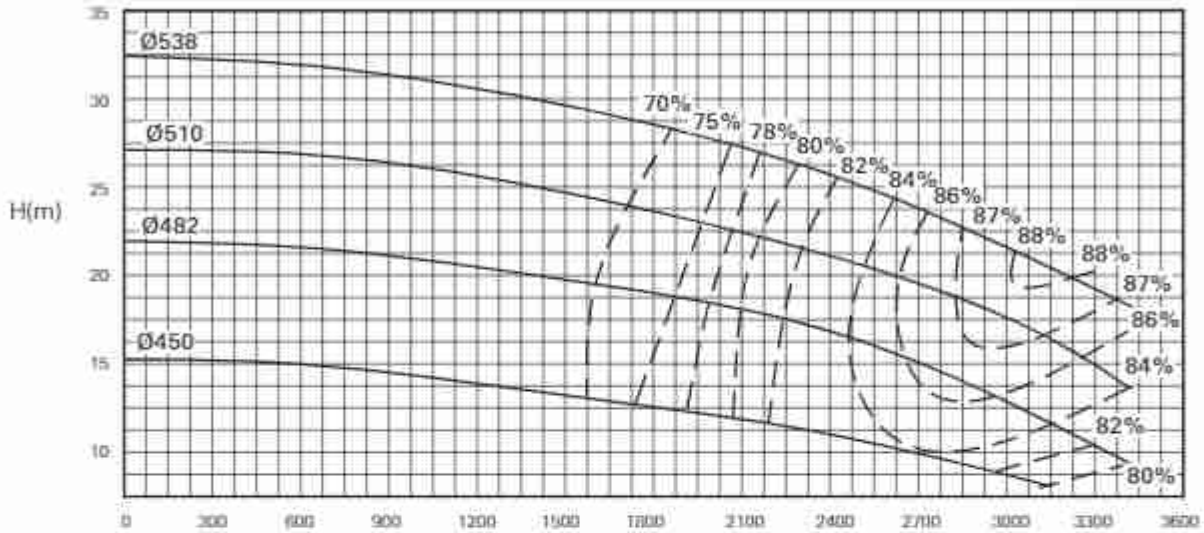
PERFORMANCE CURVE

Model	KEM-450/550
Speed	720 rpm



PERFORMANCE CURVE

Model	KEM-450/550
Speed	960 rpm



NOTES

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

YOU ARE LOOKING AT WHAT THE FUTURE IS COMING TO!

Genvik presents a stable of products for a new generation of customers and applications





ACNAL INDUSTRIES PRIVATE LIMITED

No.66/2, Athipalayam Road, Chinnavedampatti, Coimbatore - 641049.
Ph: +91-84894 22000. Email: sales@genvikpumps.com Website: www.genvikpumps.com

