

### Features

- Double suction single stage impeller
- Axially split casing
- Impeller between bearings for low shaft stress.
- Packed gland, mechanical seal or cartridge seal
- Horizontal or vertical configuration
- High efficiency hydraulic design
- Stable head-flow curves for parallel operation

### Benefits

- Flanges in-line to simplify pipe layout.
- Suction and discharge pipes are both on the bottom half of the casing, allowing the pump to be maintained without disturbing the pipework.
- Low Nett Positive Suction Head protects the pump from cavitation damage.
- Non-overloading power characteristics.

### Operating range

- Discharge flange sizes up to 350 mm
- Maximum flowrate 900 l/sec
- Max generated pressure 160 metres at 1450 rpm
- Max temperature (standard) 80 deg C
- Standard working pressure 16 bar <sup>(1)</sup>
- Higher working pressures using alternative materials.
- Maximum suction pressure 5 bar.

(1) High head pumps rated to 24 bar working pressure, and are hydrostatically tested to 36 bar. Higher working pressures possible with alternative materials



### Applications

- **Utilities:** raw and treated water and booster duties
- **Building services:** Chilled and condenser water circulation and water transfer.
- **Industrial:** Circulation in steel mills, power stations and cooling towers.
- **Process and Chemical works:** water transfer, cooling water supply and general services

### Operating pressure

Standard pumps are capable of a working pressure of 16 bar <sup>(1)</sup>, and are all hydrostatically tested upon assembly to 24 bar. Alternative materials are available for the pressure containing parts where a higher static system pressure is required, such as circulation duties in high-rise buildings.

### Flanges

Pumps are fitted as standard with flat face flanges in accordance with BS4504 PN16. Pumps designed for operation on high static pressure are fitted with BS4504 PN25 or BS4504 PN40 flanges as appropriate. Other flange standards are available upon request. Refer to page 7 for flange dimensions.

### Drivers

Pumps are generally supplied complete with electric motor, bedplate, coupling and guard. Horizontal pumps are also suitable for diesel engine drive.

### Standard materials

Cast iron casing, cast iron or bronze impeller, stainless steel shaft, bronze or stainless steel shaft sleeves, cast iron or bronze casing wear rings, packed gland or mechanical seal. Impeller wear rings can be fitted where specified.

### Alternative materials

Casings and impellers are available in ductile iron, cast steel, stainless steel and bronze.

## Features of the HT pump range

### Quality Control....

Every pump produced by Apex is manufactured strictly to ISO 9001 quality control procedures, and complies with the most rigorous documentary requirements of demanding customers.

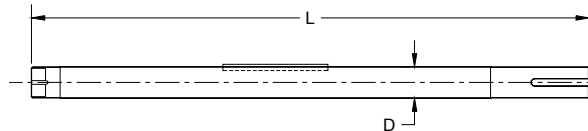


### ....Benefit

*The in-house engineering capability, attention to quality control and testing facilities make Apex the preferred choice for many high specification projects.*

### Small L/D ratio....

The length (L) of the pump shaft is short in comparison to its diameter (D).

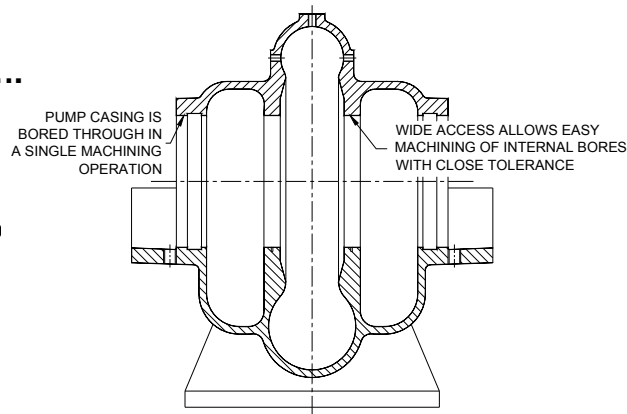


### ....Benefit

*Stable rotation with minimum vibration for smoother running. This results in longer life for the wear rings and improved operating conditions for the mechanical seal.*

### Through-bore design....

Manufacturing time is reduced and machining accuracy increased by the through-bore design of the top and bottom half casings.



### ....Benefit

*Lower manufacturing cost and improved quality control, plus simplified assembly and easier maintenance.*

### Higher Pressures....

Pumps required to operate in tall buildings, and in certain industrial processes, need to operate at high working pressures. For these applications, the HT pump is available in ductile iron with working pressure of up to 25 bar.

### ....Benefit

*The standard pump can be specified in difficult applications. Many component parts will be shared with other Apex pumps, providing spares interchangeability throughout the site.*

### Quality seals and bearings....

Top quality sealed for life ball bearings and asbestos-free soft packed gland material or long life mechanical seals are fitted.

### ....Benefit

*Reduced maintenance and reliable operation between services intervals.*

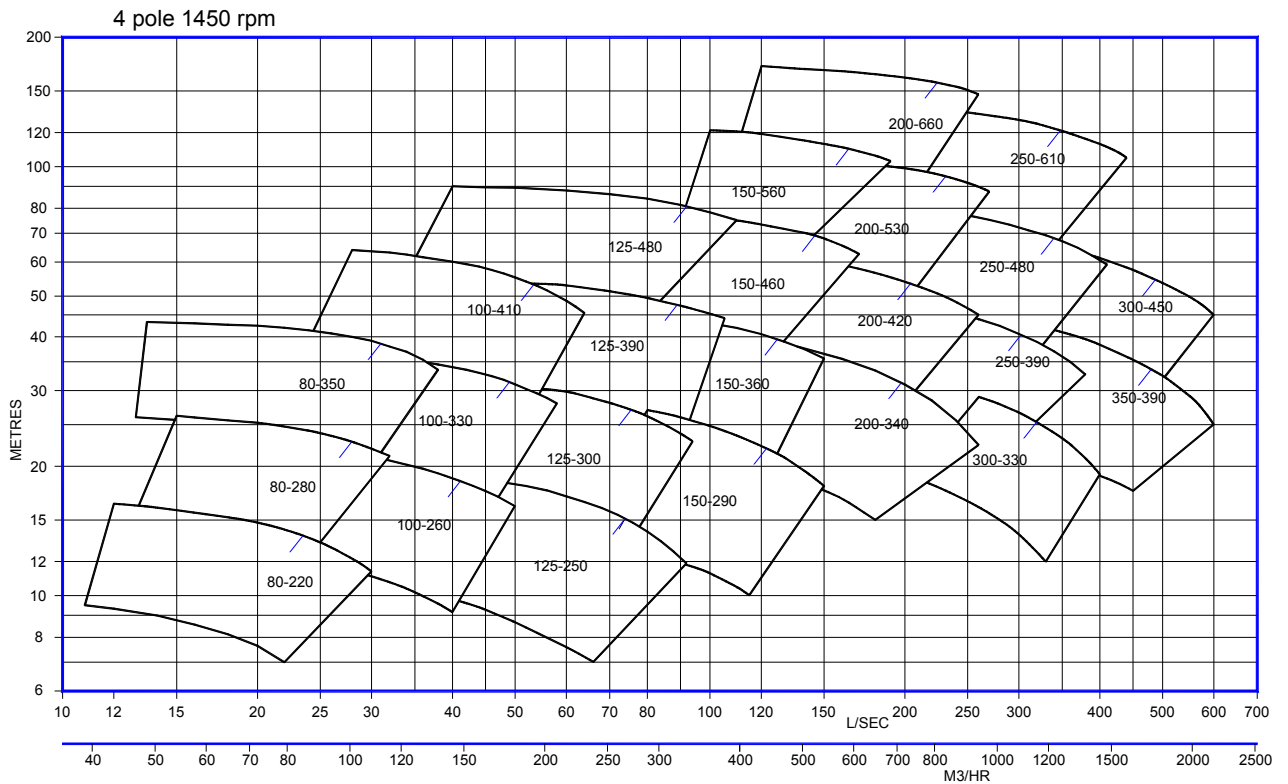
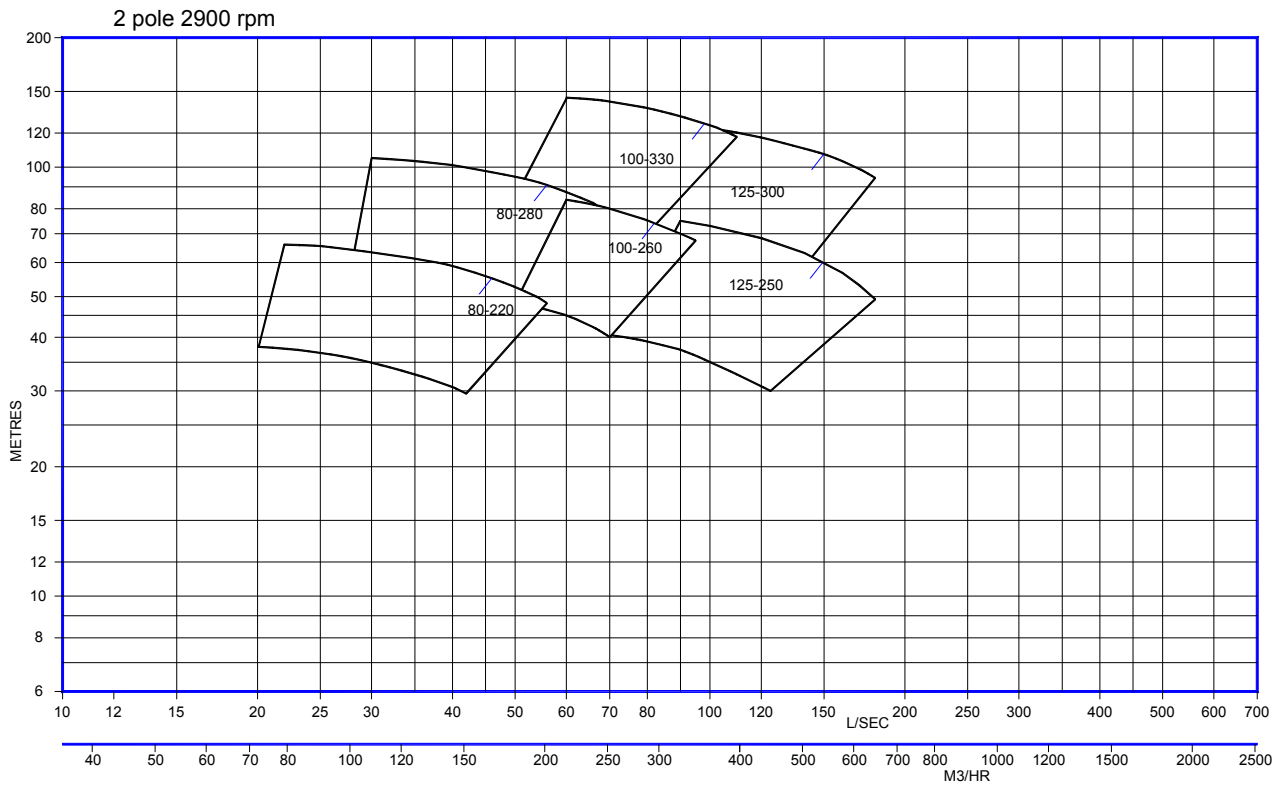
### Competitive Prices....

As a specialist manufacturer of centrifugal pumps, all Apex products are designed to be highly competitive without compromise to quality and good engineering practice.

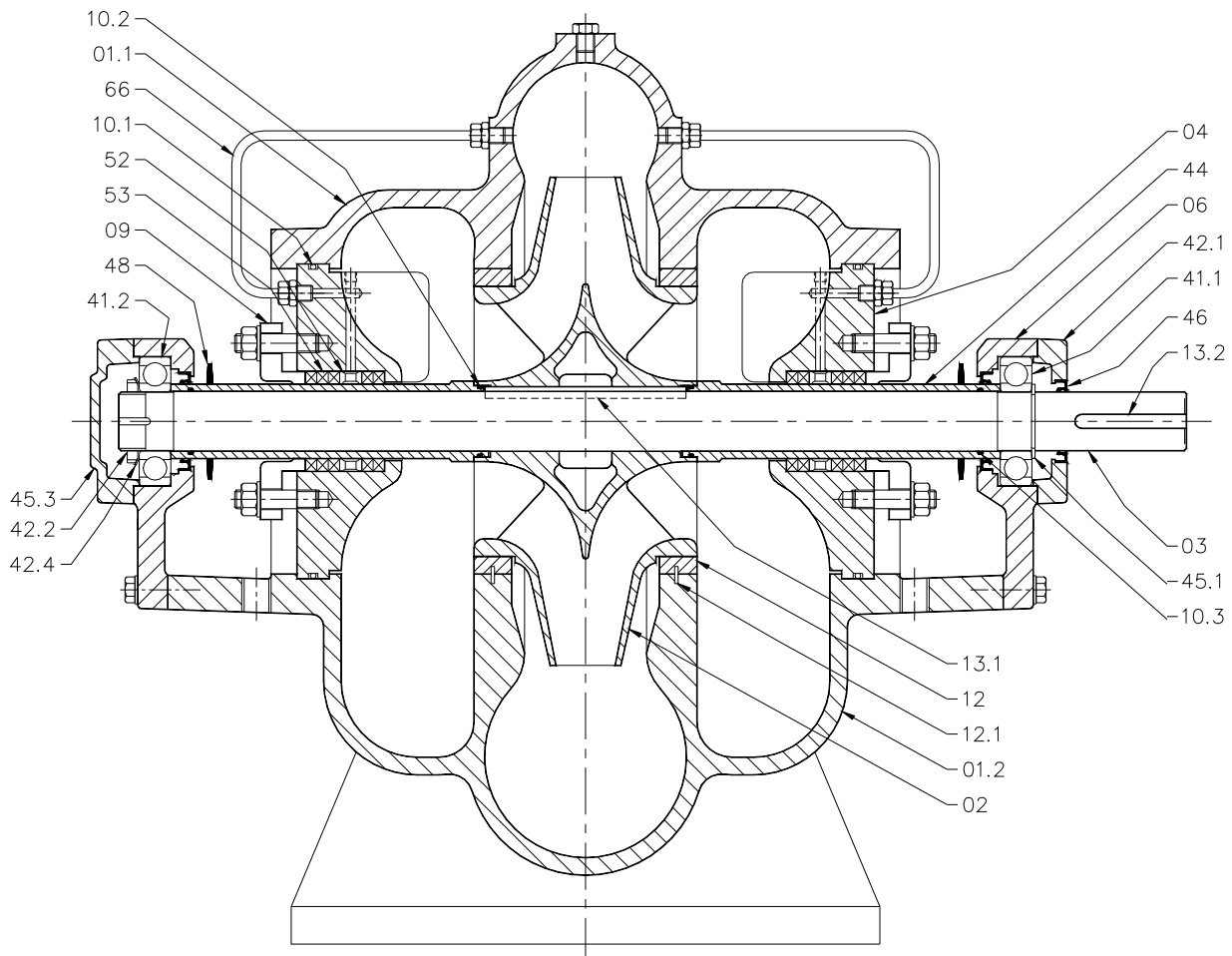
### ....Benefit

*Apex fully supports its pump distributor network and customers by providing cost effective solutions to pumping problems.*

# HT range charts 50 hz

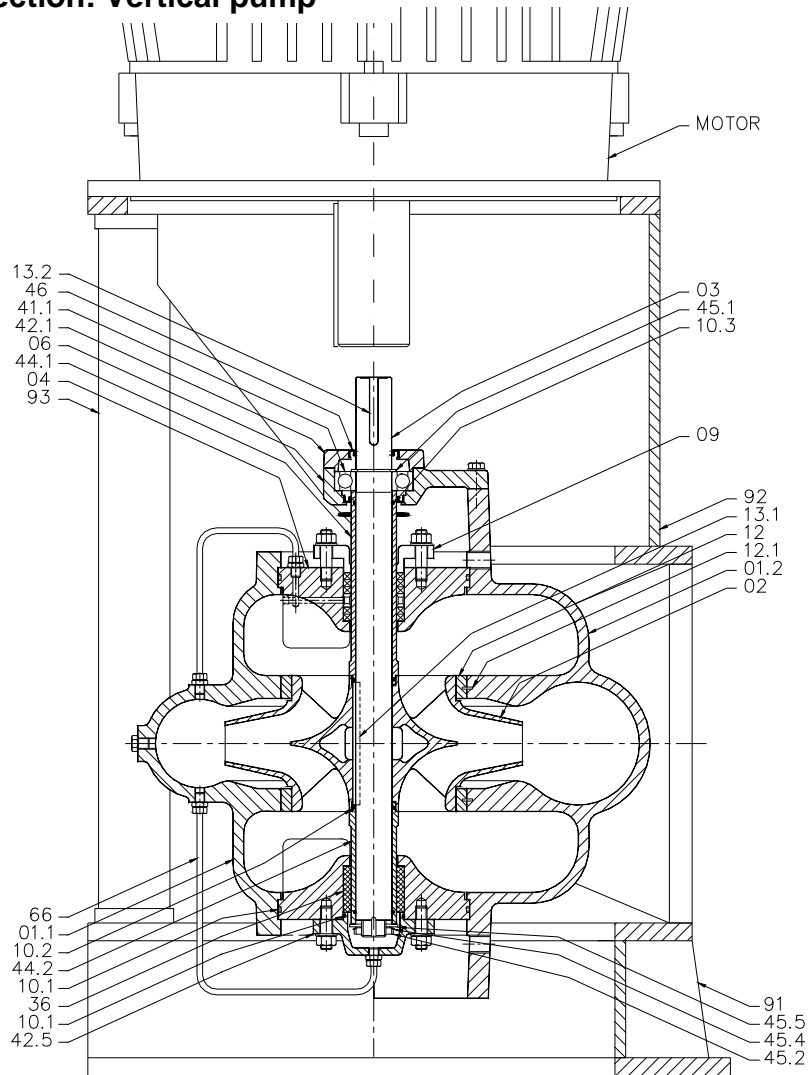


## Typical cross section: Horizontal pump



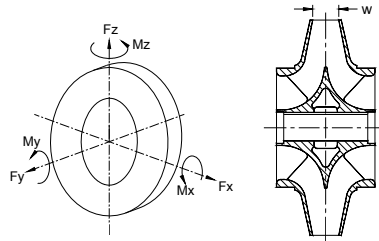
Item	Description	Standard material	Optional materials
01.1	Casing top half	Close grained cast iron	Ductile iron, Cast steel, Stainless steel
01.2	Casing bottom half	Close grained cast iron	Cast steel, Stainless steel
02	Impeller	Gunmetal Bronze	Cast iron, stainless steel
03	Shaft	Stainless steel	High tensile steel
04	Stuffing box	Close grained cast iron	Cast steel, Stainless steel
06	Bearing housing	Close grained cast iron	
09	Gland	Bronze	Stainless steel
10.1	Stuffing box O ring	Nitrile	Viton
10.2	Shaft sleeve O ring	Nitrile	Viton
10.3	Impeller O ring	Nitrile	Viton
12	Casing wear ring	Bronze	Cast iron, Stainless steel
12.1	Anti-rotation pin	Stainless steel	
13.1	Impeller key	Key steel	Stainless steel
13.2	Coupling key	Key steel	Stainless steel
41.1	Bearing (DE)	Steel	
41.2	Bearing (NDE)	Steel	
42.1	Bearing cover (DE)	Close grained cast iron	
42.2	Bearing cover (NDE)	Close grained cast iron	
44	Shaft sleeve	Bronze	Cast iron, Stainless steel
45.1	Circlip	Steel	
45.2	Shaft nut	Steel	
45.4	Shaft nut tab washer	Steel	
46	Lip seal	Nitrile	Viton
48	Flinger	Nitrile	
52	Lantern ring	Bronze	Cast iron, stainless steel
53	Gland packing ring	Cotton Graphite	PTFE, specialist packings
66	Flush pipe	Stainless steel	

## Typical cross section: Vertical pump



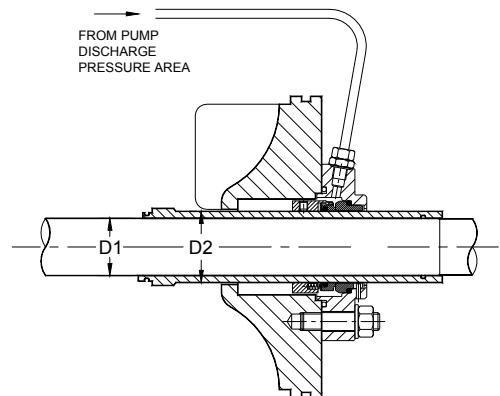
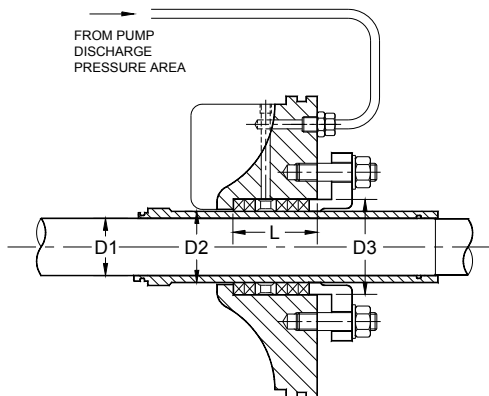
Item	Description	Standard material	Optional materials
01.1	Casing top half	Close grained cast iron	Ductile iron, Cast steel, Stainless steel
01.2	Casing bottom half	Close grained cast iron	Cast steel, Stainless steel
02	Impeller	Gunmetal Bronze	Cast iron, stainless steel
03	Shaft	Stainless steel	High tensile steel
04	Stuffing box	Close grained cast iron	Cast steel, Stainless steel
06	Bearing housing	Close grained cast iron	
09	Gland	Bronze	Stainless steel
10.1	Stuffing box O ring	Nitrile	Viton
10.2	Shaft sleeve O ring	Nitrile	Viton
10.3	Impeller O ring	Nitrile	Viton
12	Casing wear ring	Bronze	Cast iron, Stainless steel
12.1	Anti-rotation pin	Stainless steel	
13.1	Impeller key	Key steel	Stainless steel
13.2	Coupling key	Key steel	Stainless steel
36	Bottom bearing bush		
41.1	Bearing (DE)	Steel	
42.1	Bearing cover (DE)	Close grained cast iron	
44.1	Shaft sleeve	Bronze	Cast iron, Stainless steel
44.2	Shaft sleeve	Bronze	
45.1	Circlip	Steel	
45.2	Shaft nut	Steel	
45.4	Shaft nut tab washer	Steel	
45.5	Bearing washer		
46	Lip seal	Nitrile	Viton
48	Flinger	Nitrile	
52	Lantern ring	Bronze	Cast iron, stainless steel
53	Gland packing ring	Cotton Graphite	PTFE, specialist packings
66	Flush pipe	Stainless steel	
91	Pump base	Fabricated steel	Cast iron
92	Motor stool	Fabricated steel	Cast iron
93	Motor support legs	Fabricated steel	

## Technical data



Model	Shaft group	Max pressure Bar		Max speed			Max nozzle loads				Impeller passage		M of I (J) kgm <sup>2</sup>	Bearing ref
		Cast iron casing	Ductile Iron casing	Cast iron impeller	Bronze impeller	316 SS Impeller	Fx, Fy, Fz N	Mx, My, Mz Nm	Width W	Max solids				
HT80-220	1	16	24	3500	3500	3500	730	480	14	7	0.030	6307ZZ		
HT 80-280	1	16	24	2900	3500	3500	730	480	12	6	0.460	6307ZZ		
HT 80-350	1	16	24	1760	1760	1760	730	480	10	5	0.055	6307ZZ		
HT 100-260	1	16	24	3500	3500	3500	920	660	20	10	0.060	6307ZZ		
HT 100-330	1	16	24	1750	3500	3500	920	660	16	8	0.120	6307ZZ		
HT 100-410	1	16	24	1760	1760	1760	920	660	12	6	0.281	6307ZZ		
HT 125-250	2	16	24	1760	1760	1760	1380	840	22	11	0.020	6309ZZ		
HT 125-300	2	16	24	1760	1760	1760	1380	840	18	9	0.165	6309ZZ		
HT 125-390	2	16	24	1760	1760	1760	1600	900	16	8	0.320	6309ZZ		
HT 125-480	2	16	24	1760	1760	1760	1600	900	14	7	0.830	6309ZZ		
HT 150-290	2	16	24	1760	1760	1760	1990	1350	28	14	0.300	6309ZZ		
HT 150-360	2	16	24	1760	1760	1760	1990	1350	21	10	0.340	6309ZZ		
HT 150-460	3	16	24	1760	1760	1760	1990	1350	16	8	0.805	6311ZZ		
HT 150-560	3	20	25	1480	1760	1760	1990	1350	15	7	1.902	6311ZZ		
HT 200-340	3	16	24	1760	1760	1760	2500	2150	32	16	0.560	6311ZZ		
HT 200-420	3	16	24	1760	1760	1760	2500	2150	27	13	0.735	6311ZZ		
HT 200-530	4	16	24	1480	1760	1760	2500	2150	20	10	1.780	6315ZZ		
HT 200-660	4	20	25	980	1480	1760	2500	2150	19	9	4.800	6315ZZ		
HT 250-390	4	10	16	1760	1760	1760	2500	2150	40	20	1.300	6315ZZ		
HT 250-480	5	16	24	1760	1760	1760	2500	2150	31	15	1.750	6317ZZ		
HT 250-610	5	20	25	980	1480	1760	2500	2150	22	11	3.900	6317ZZ		
HT 300-330	4	10	16	1760	1760	1760	3000	2600	40	20	1.250	6315ZZ		
HT 300-450	5	10	16	1760	1760	1760	3000	2600	40	20	2.640	6317ZZ		
HT 350-390	5	10	16	1760	1760	1760	3000	2600	39	19	1.780	6317ZZ		

## Seal data



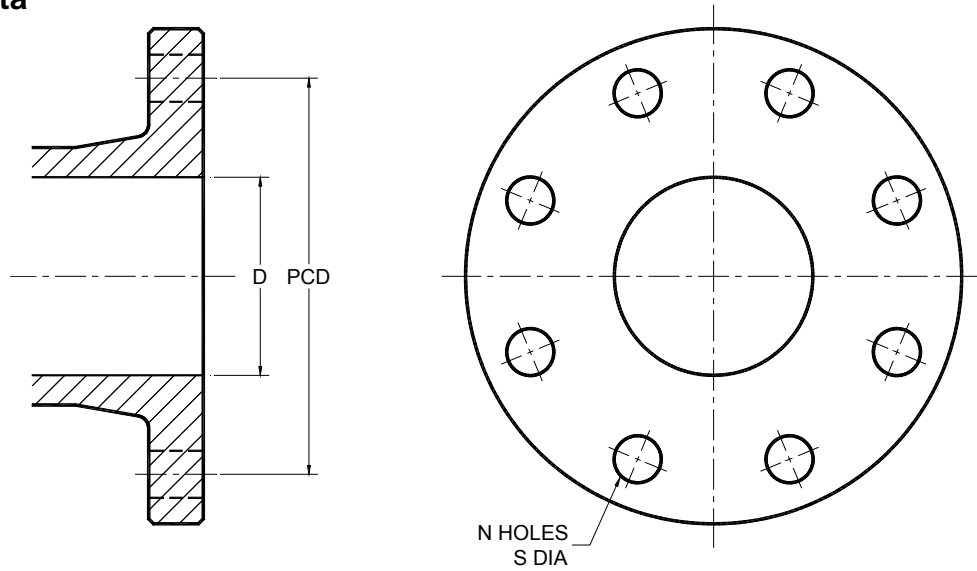
Shaft group	D1	D2	D3	L	Packing size
1	40	50	70	60	10 mm sq
2	50	60	85	72	12.5 mm sq
3	60	70	95	72	12.5 mm sq
4	70	80	112	93	16 mm sq
5	80	90	122	93	16 mm sq

Shaft group	D1	D2	Unbalanced seal	Balanced seal
1	40	50	M7N	HJ92N
2	50	60	M7N	HJ92N
3	60	70	M7N	HJ92N
4	70	80	M7N	HJ92N
5	80	90	M7N	HJ92N

Standard gland packing is asbestos free high quality soft cotton, impregnated with graphite, and is suitable for most applications handling clean water. Alternative packing materials may be fitted to suit the application.

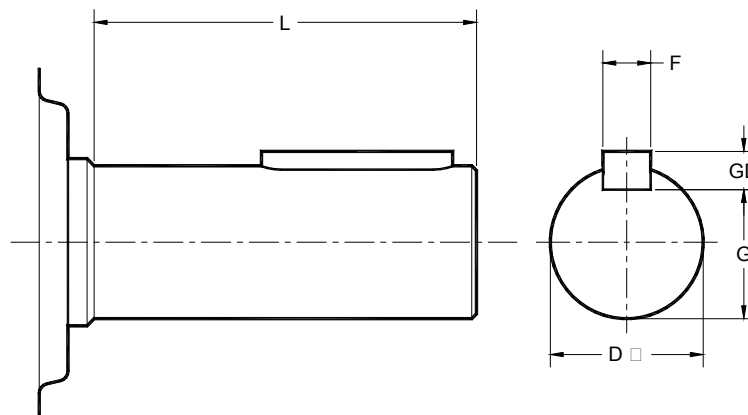
Note balanced seal to be used when the working pressure of the pump exceeds 16 bar. Seal types listed are manufactured by Burgmann Ltd. Any make and type of mechanical seal can be fitted, including cartridge seals and split cartridge seals.

## Flange data

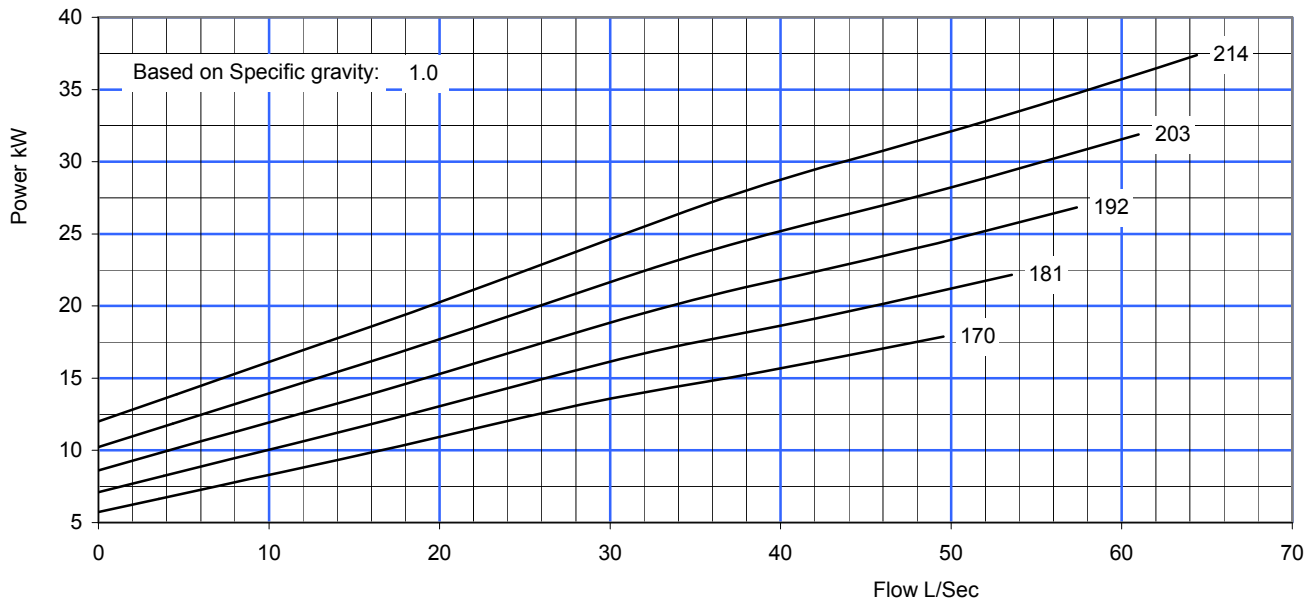
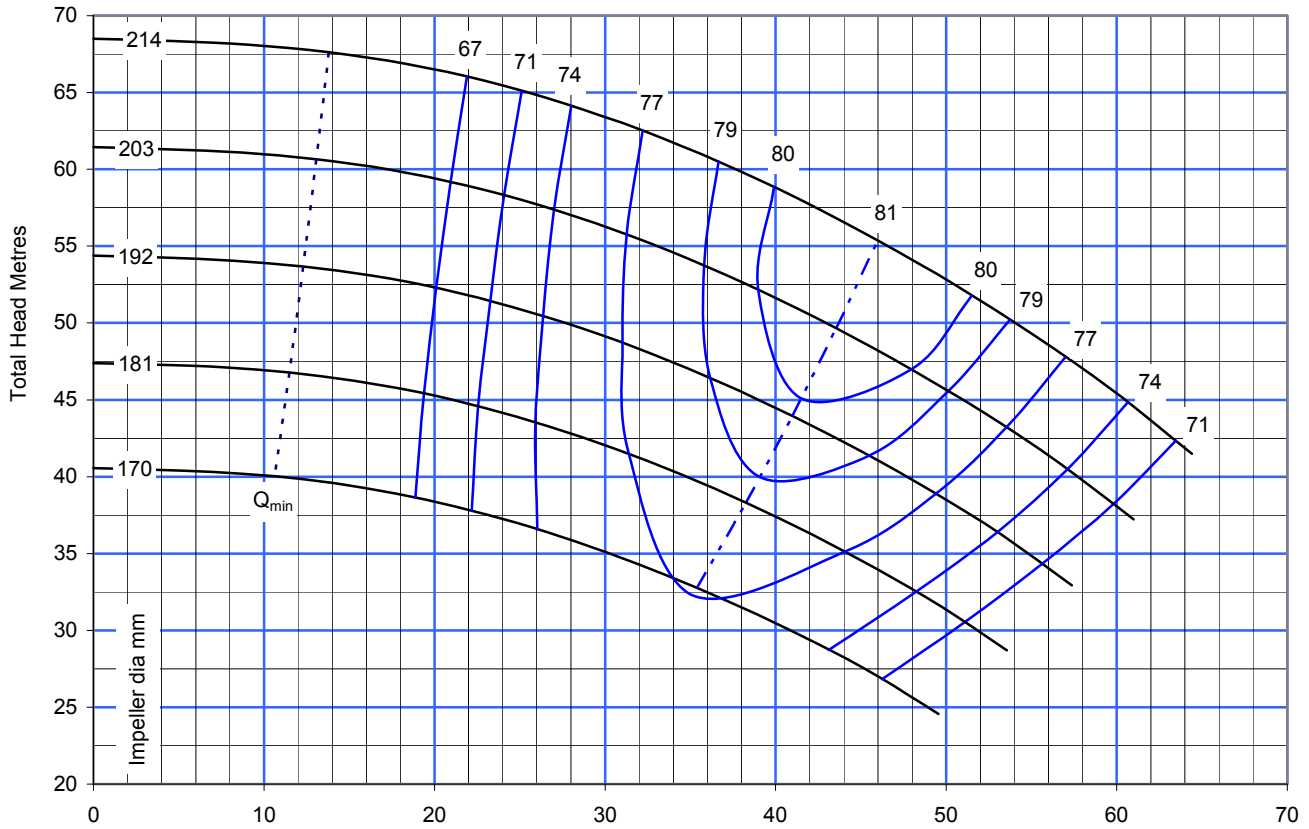
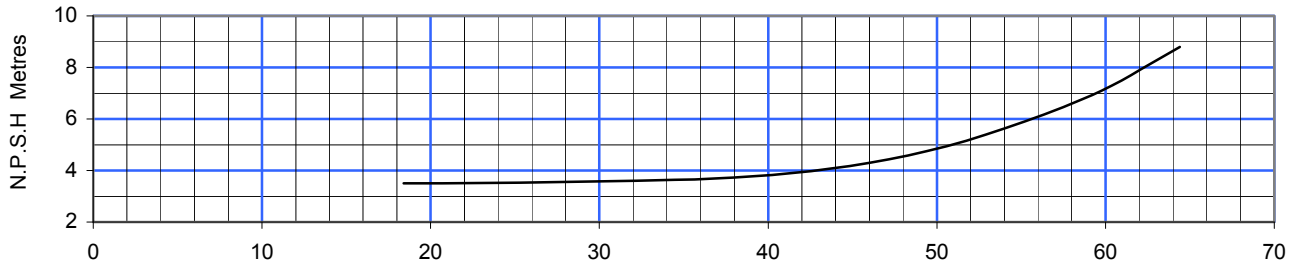


Flange	BS4504 PN10 DIN 2501 PN10 ISO 7005/2 PN10			BS4504 PN16 DIN 2501 PN16 ISO 7005/2 PN16			BS4504 PN25 DIN 2501 PN25 ISO 7005/2 PN25			ANSI B16.1 Class 125			ANSI B16.1 Class 250			
	D	N	S	PCD	N	S	PCD	N	S	PCD	N	S	PCD	N	S	PCD
80					8	19	160	8	19	160				8	23	168
100					8	19	180	8	23	190				8	23	200
125					8	19	210	8	28	220				8	23	235
150					8	23	240	8	28	250				12	23	270
200	8	23	295	12	23	295	12	28	310	8	23	299	12	28	330	
250	12	23	350	12	28	355	12	31	370	12	28	362	16	28	387	
300	12	23	400	12	28	410	16	31	430	12	28	432	16	31	451	
350	16	23	460	16	28	470	16	34	490	12	28	476	20	31	514	
400	16	28	515	16	31	525	16	37	550	16	28	540	20	34	572	

## Shaft data

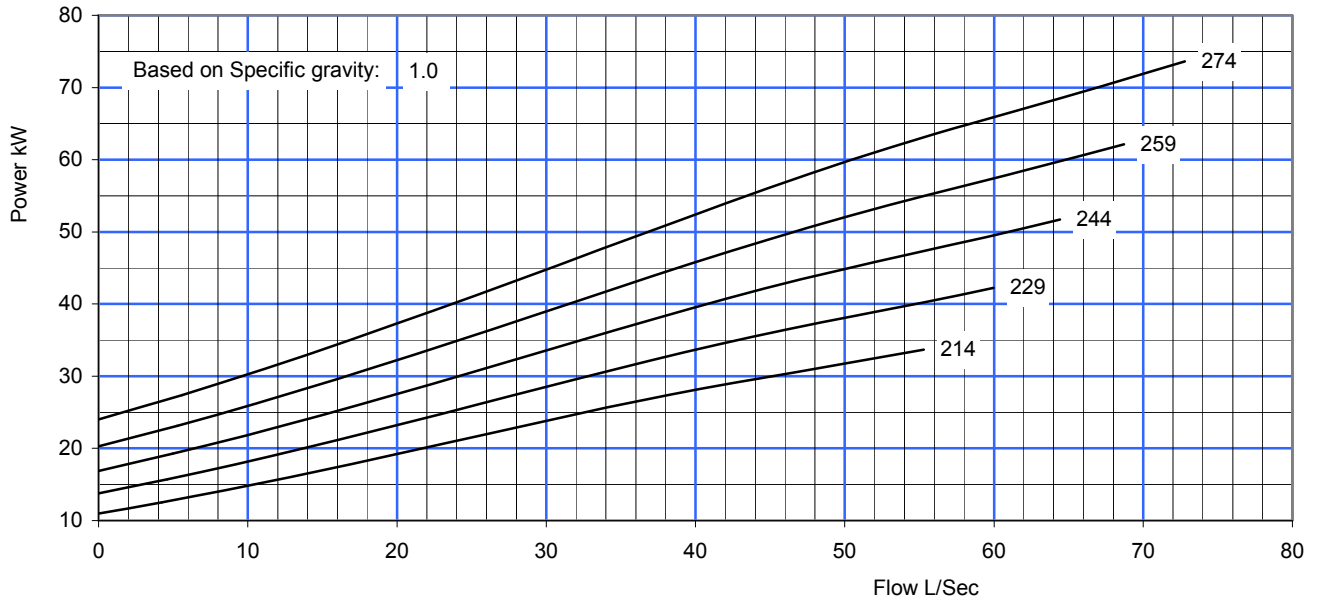
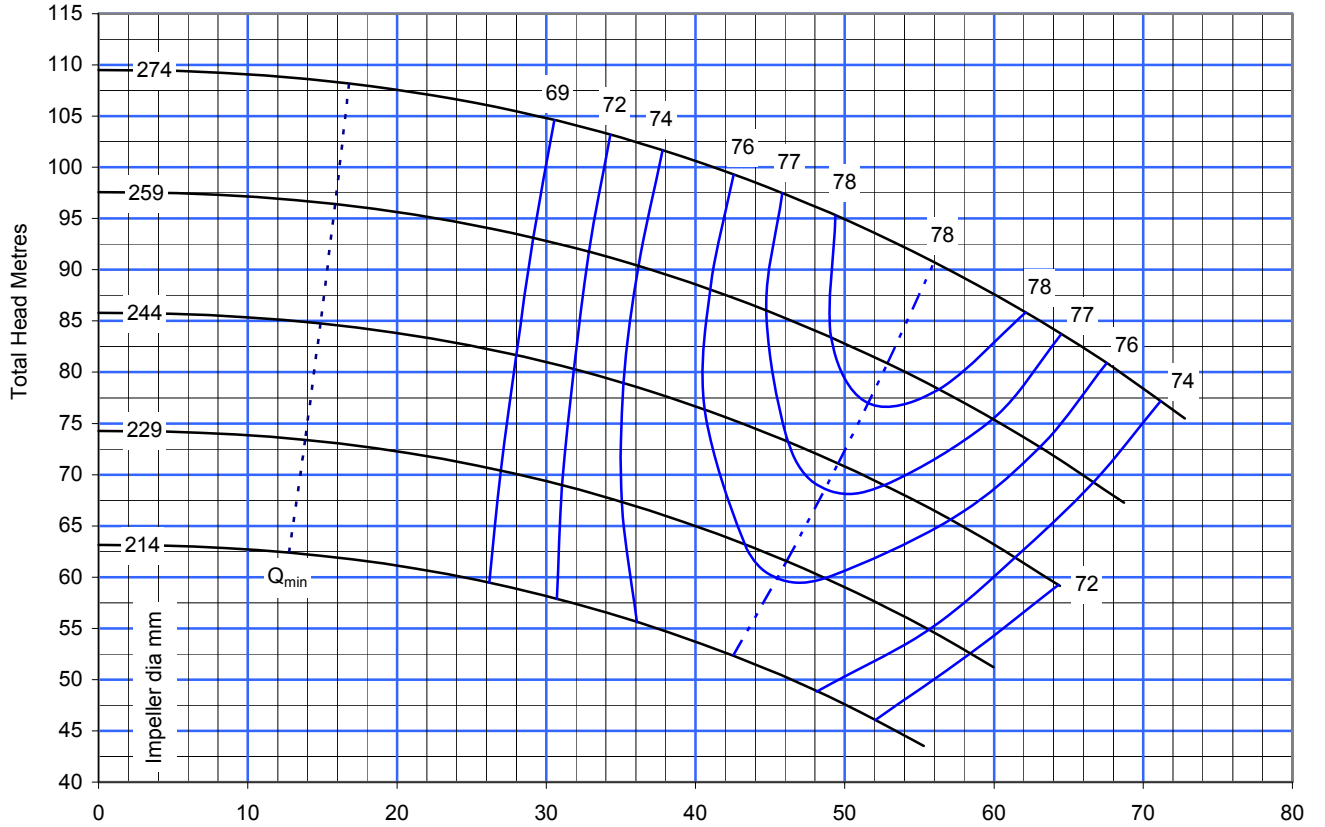
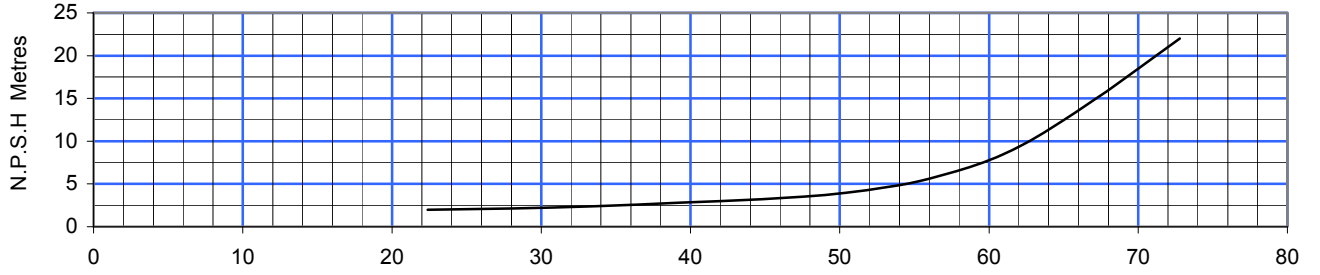


Shaft group	L	D	F	GD	G
1	80	35	10	8	30
2	100	45	14	9	39.5
3	125	55	16	10	49
4	140	65	18	11	58
5	160	75	20	12	67.5

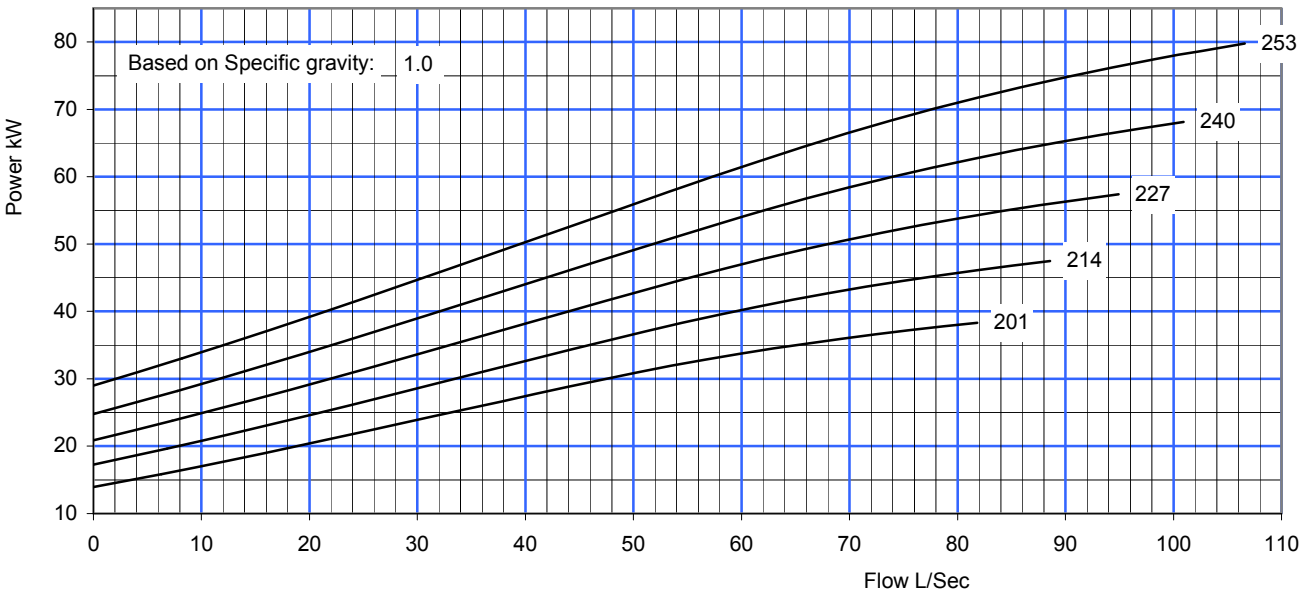
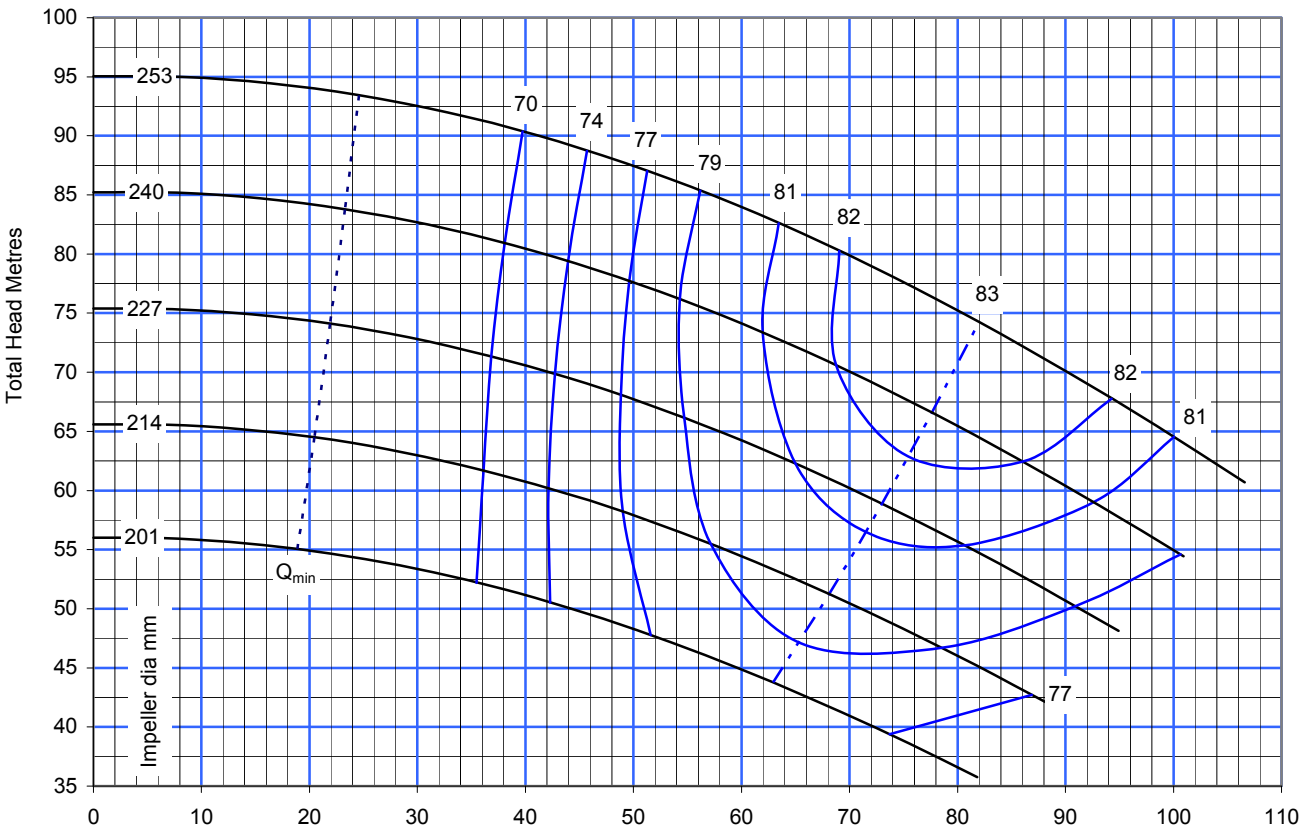
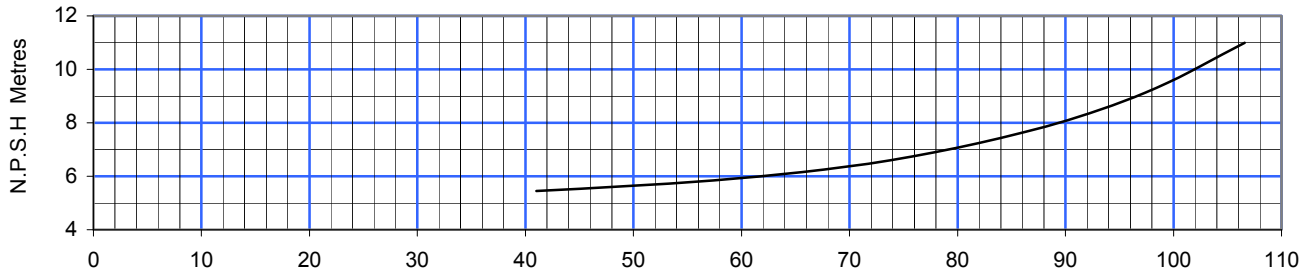


SUCTION DIA <b>125</b>	DISCHARGE DIA <b>80</b>	MAX PRESSURE <b>16 bar</b>	PUMP MODEL <b>HT 80-220</b>	SPEED <b>2900</b>
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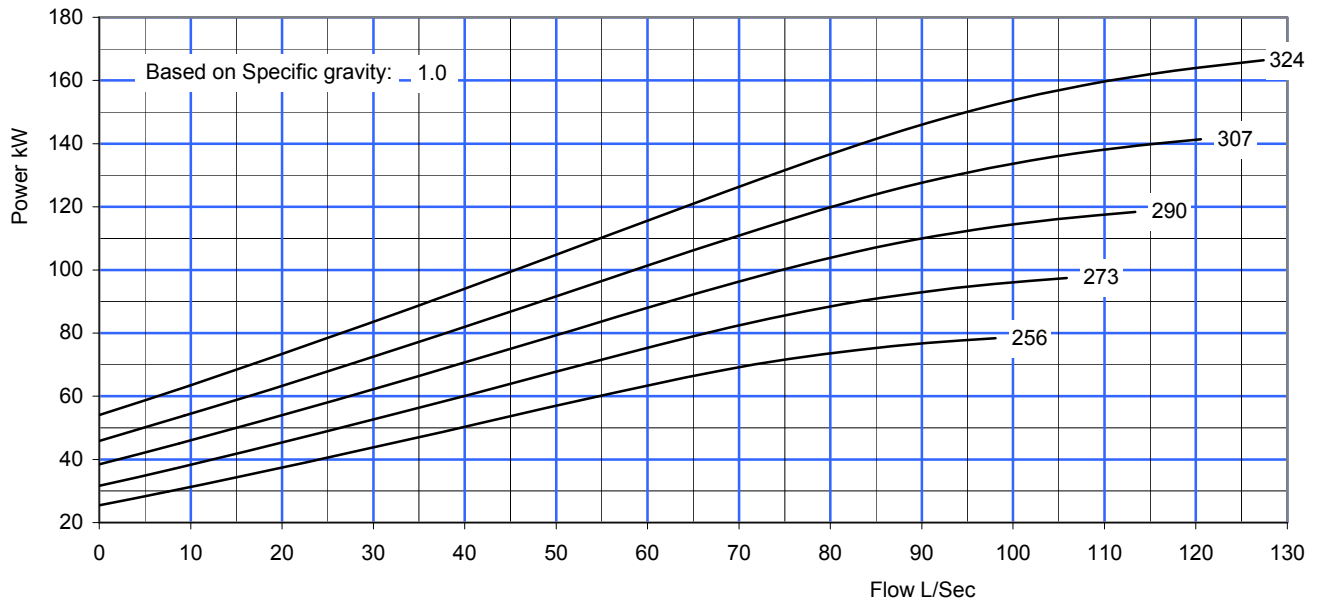
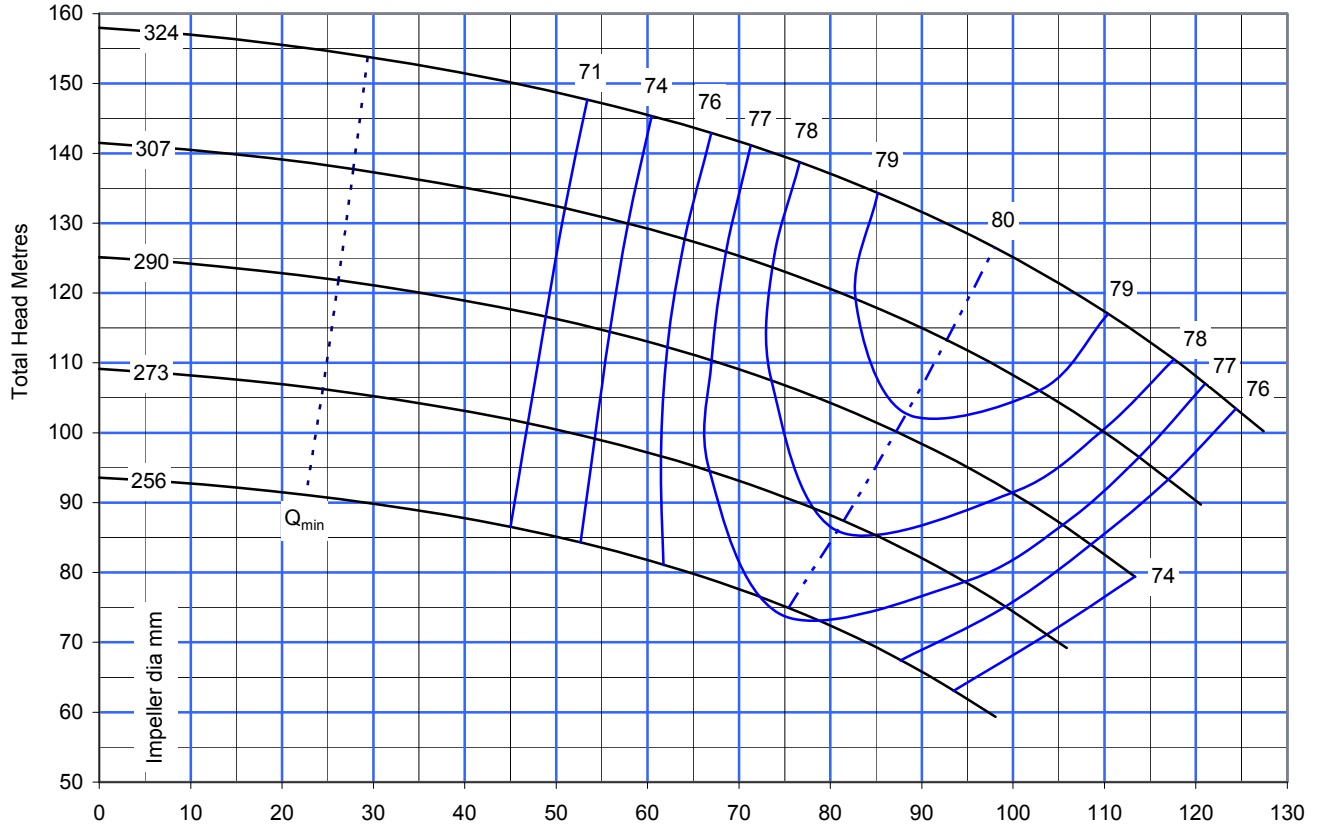
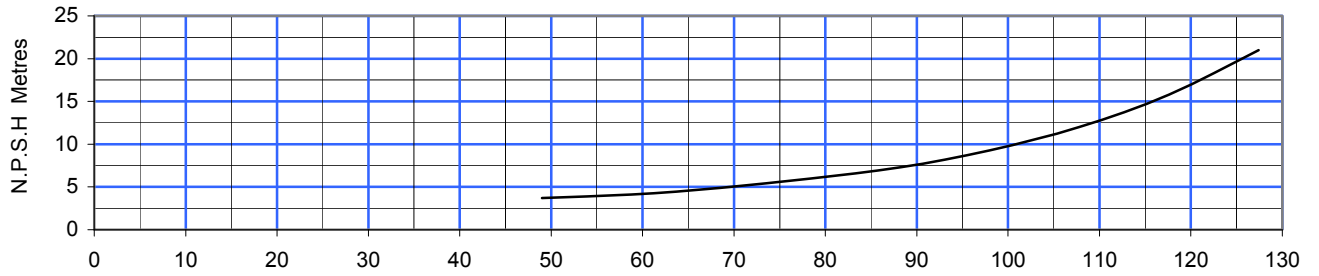




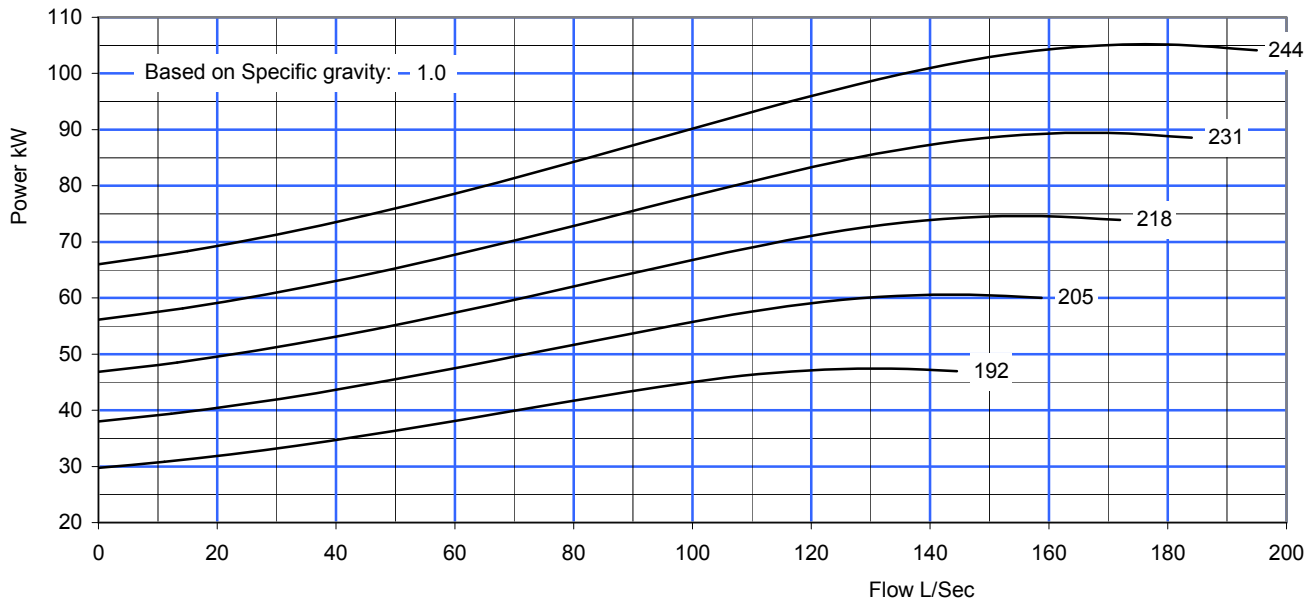
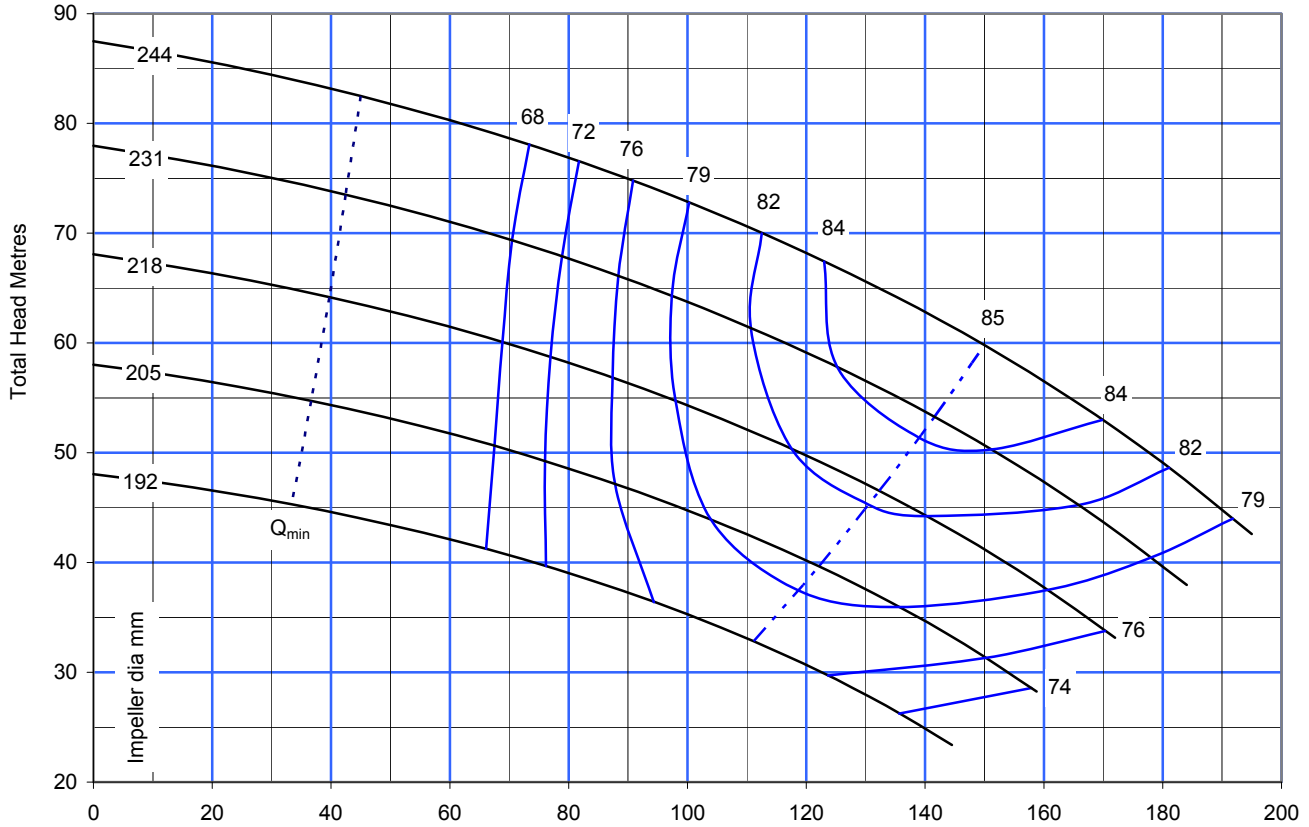
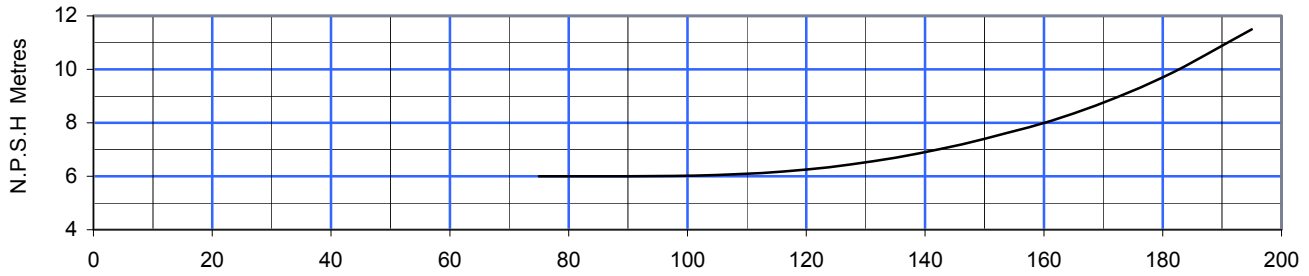
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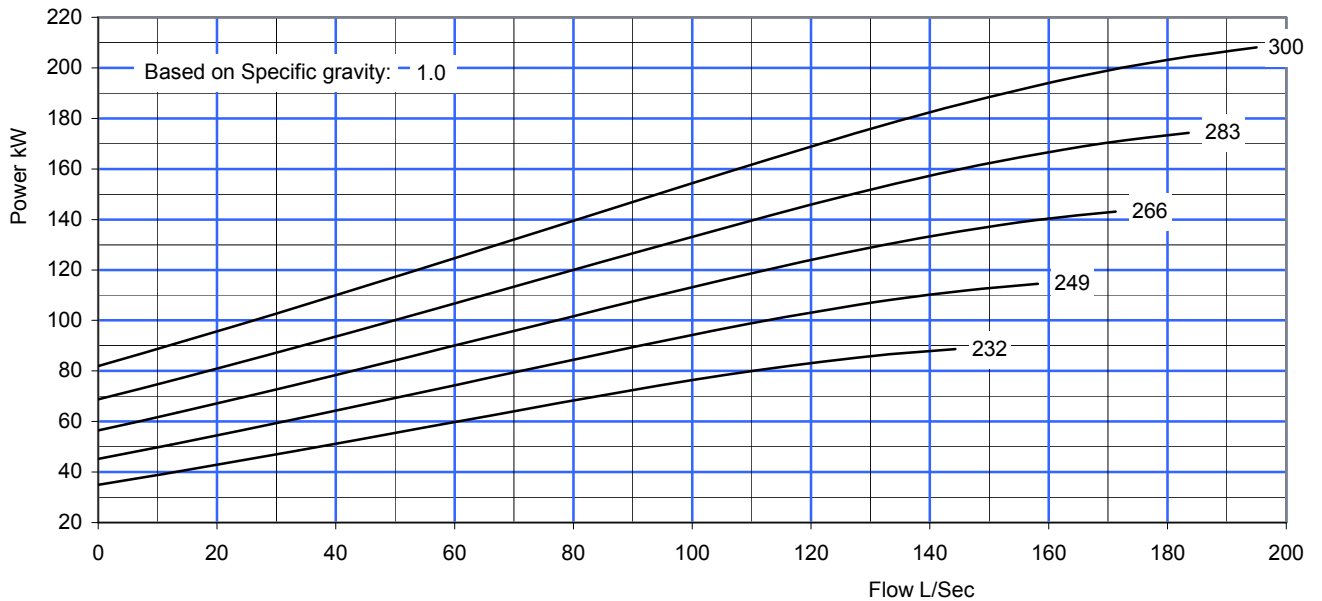
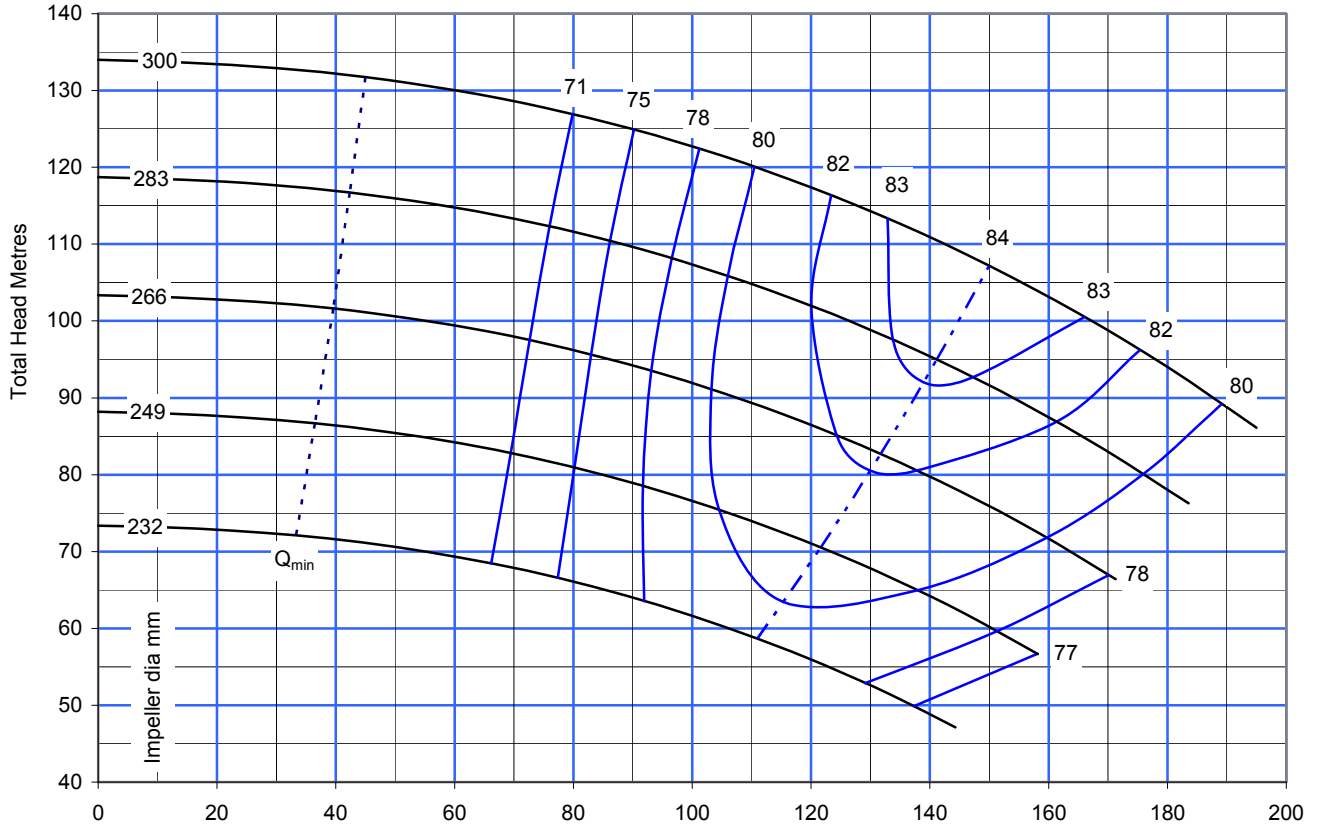
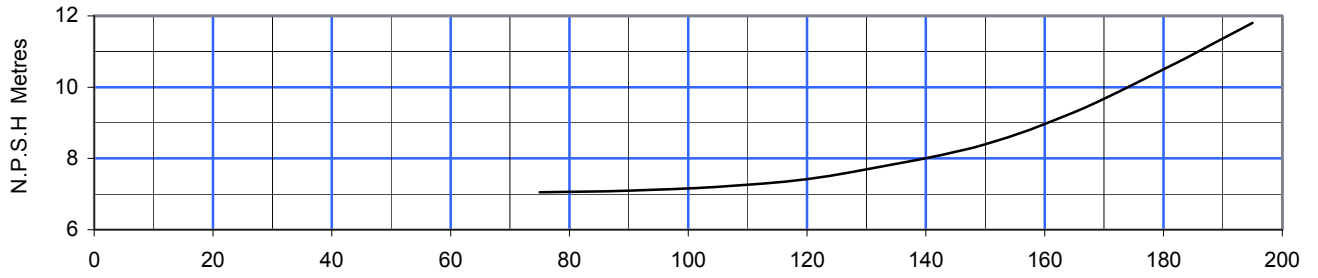
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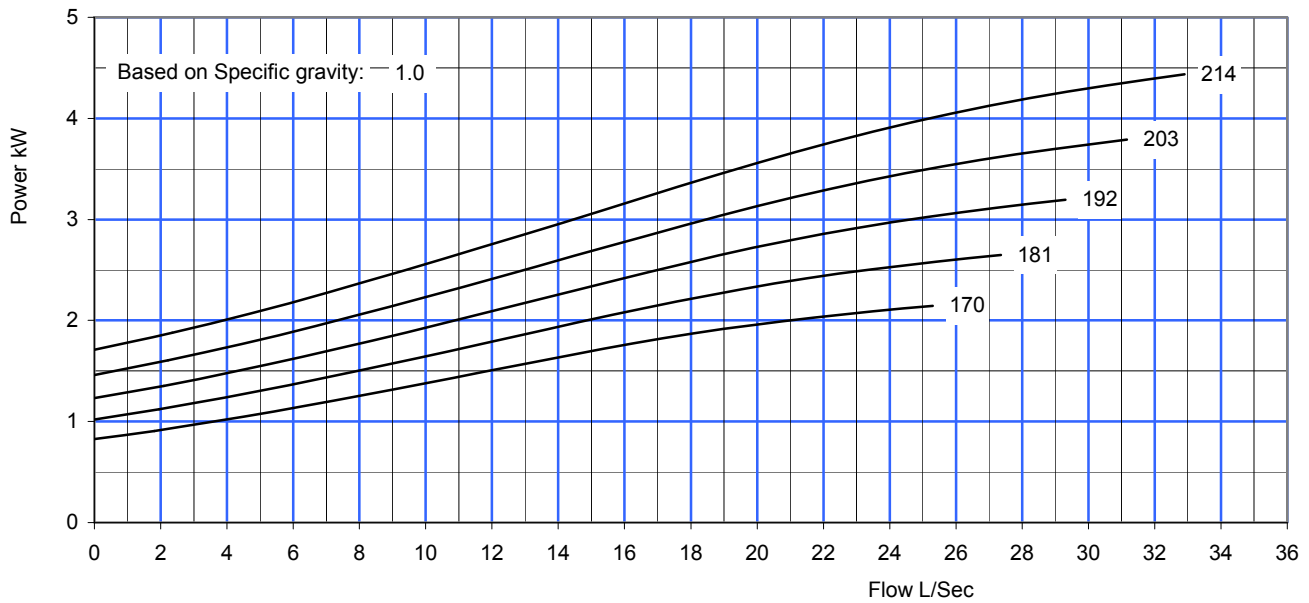
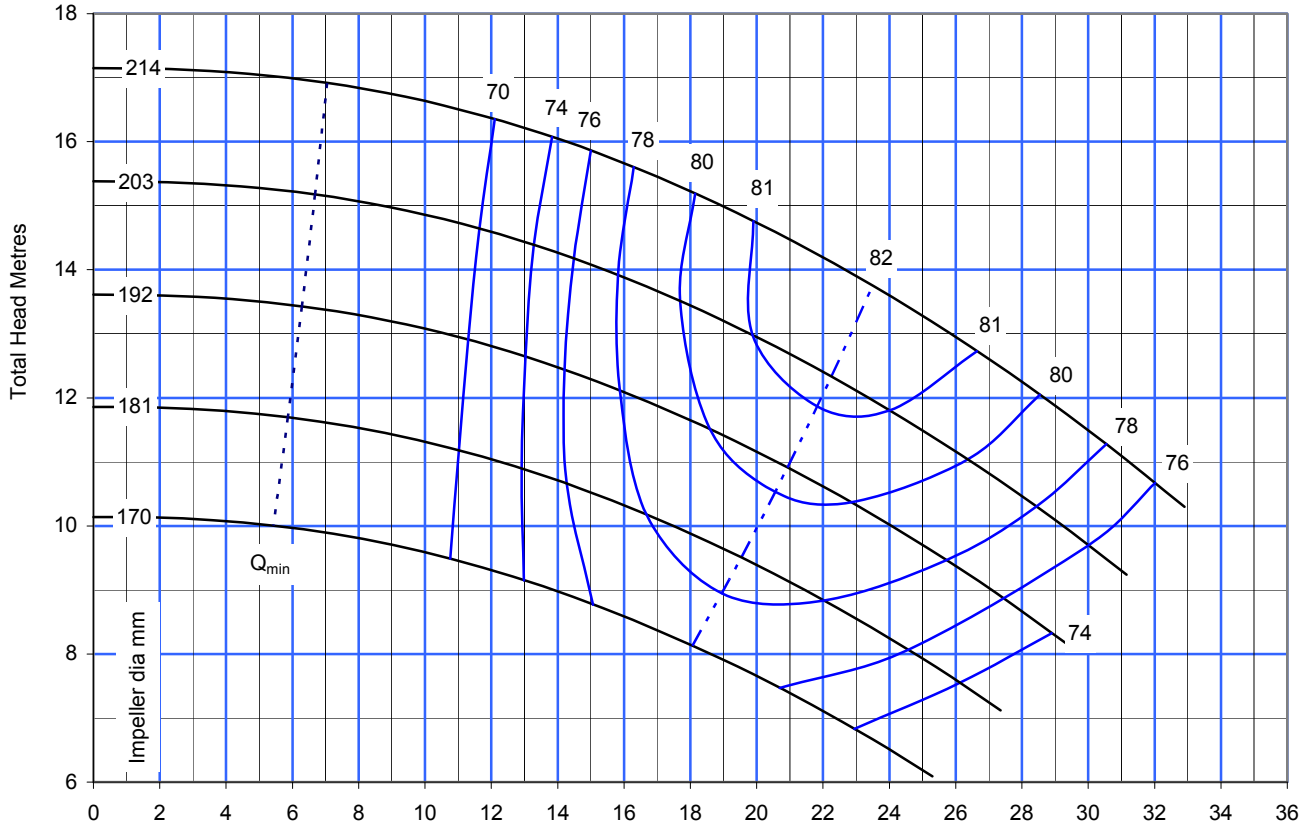
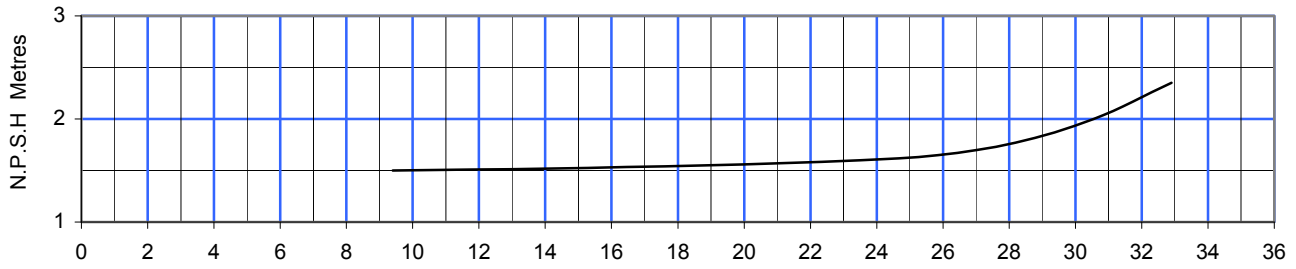
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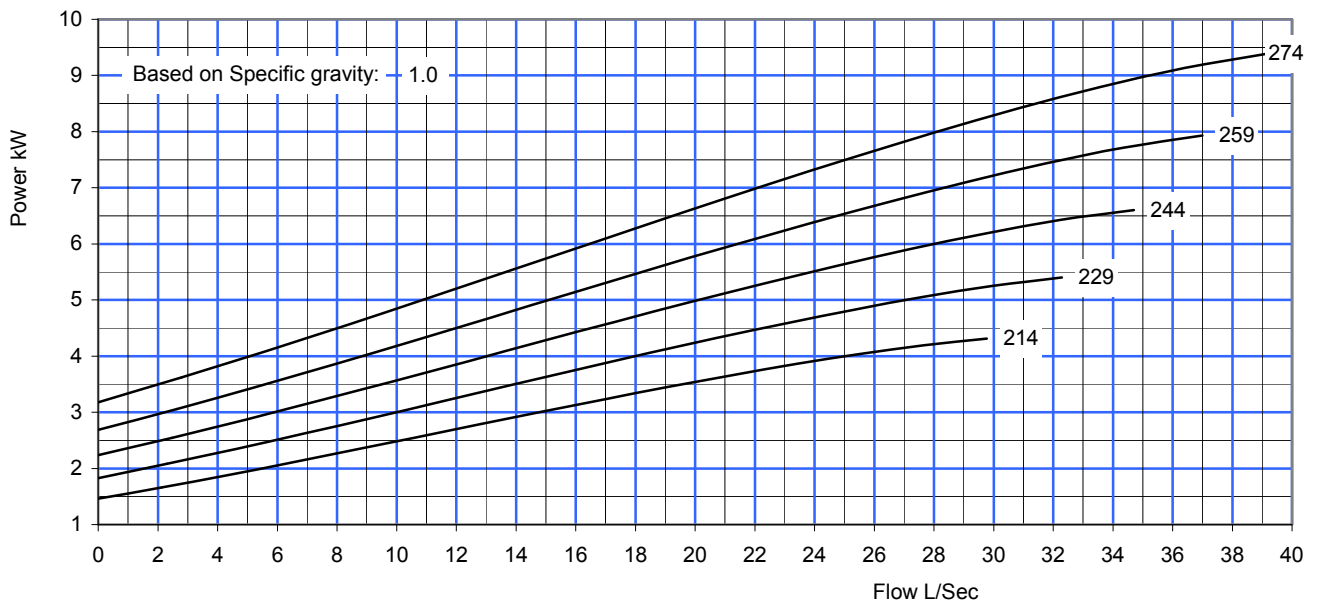
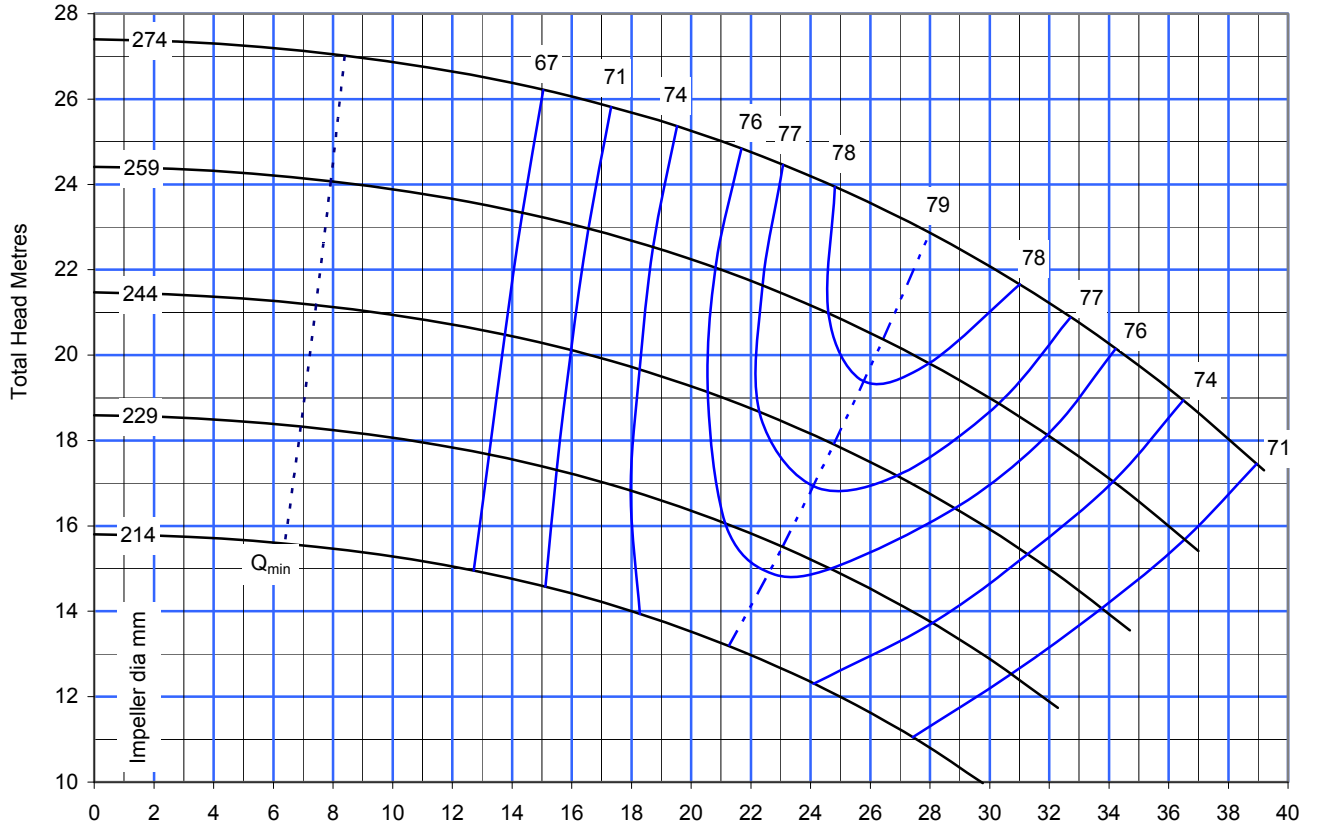
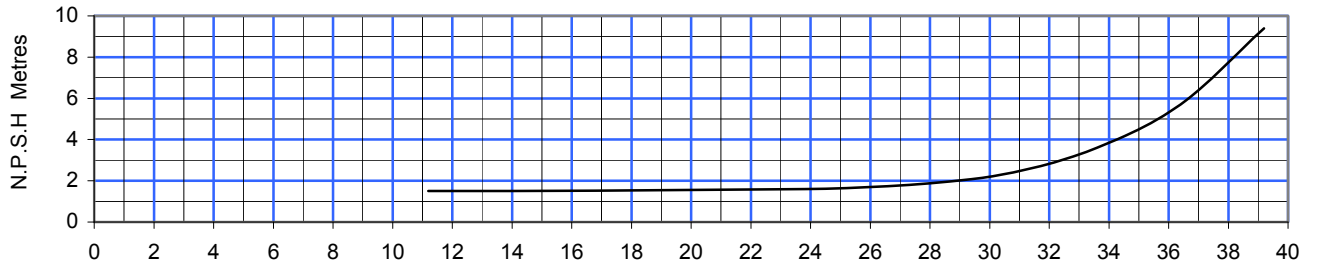
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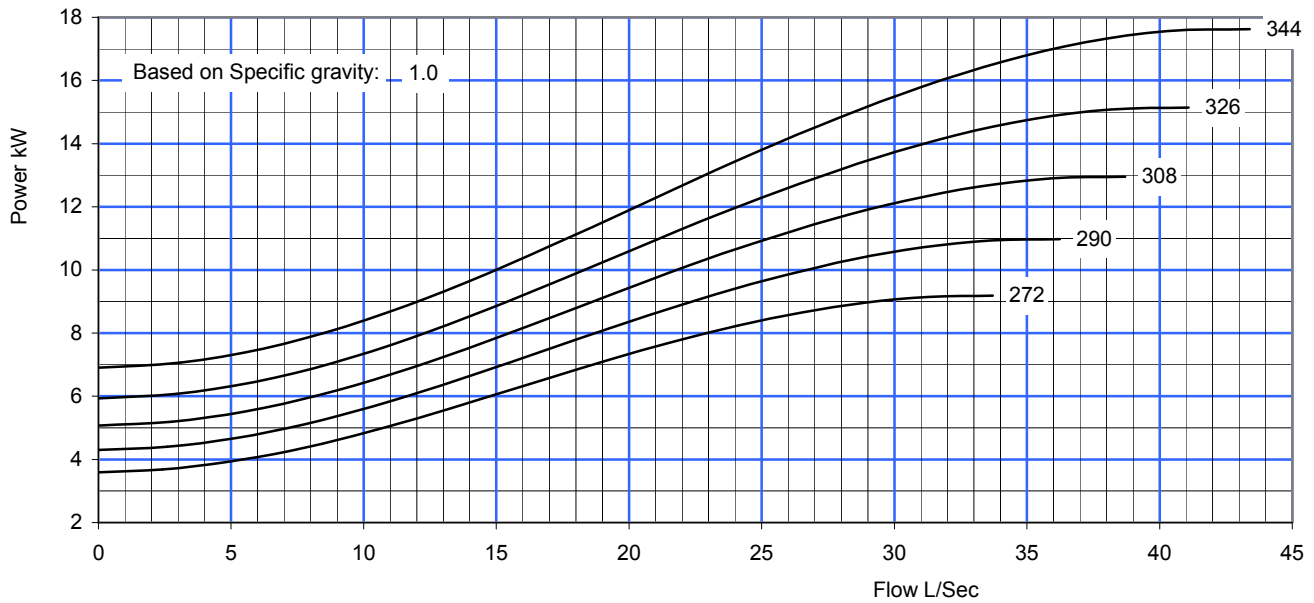
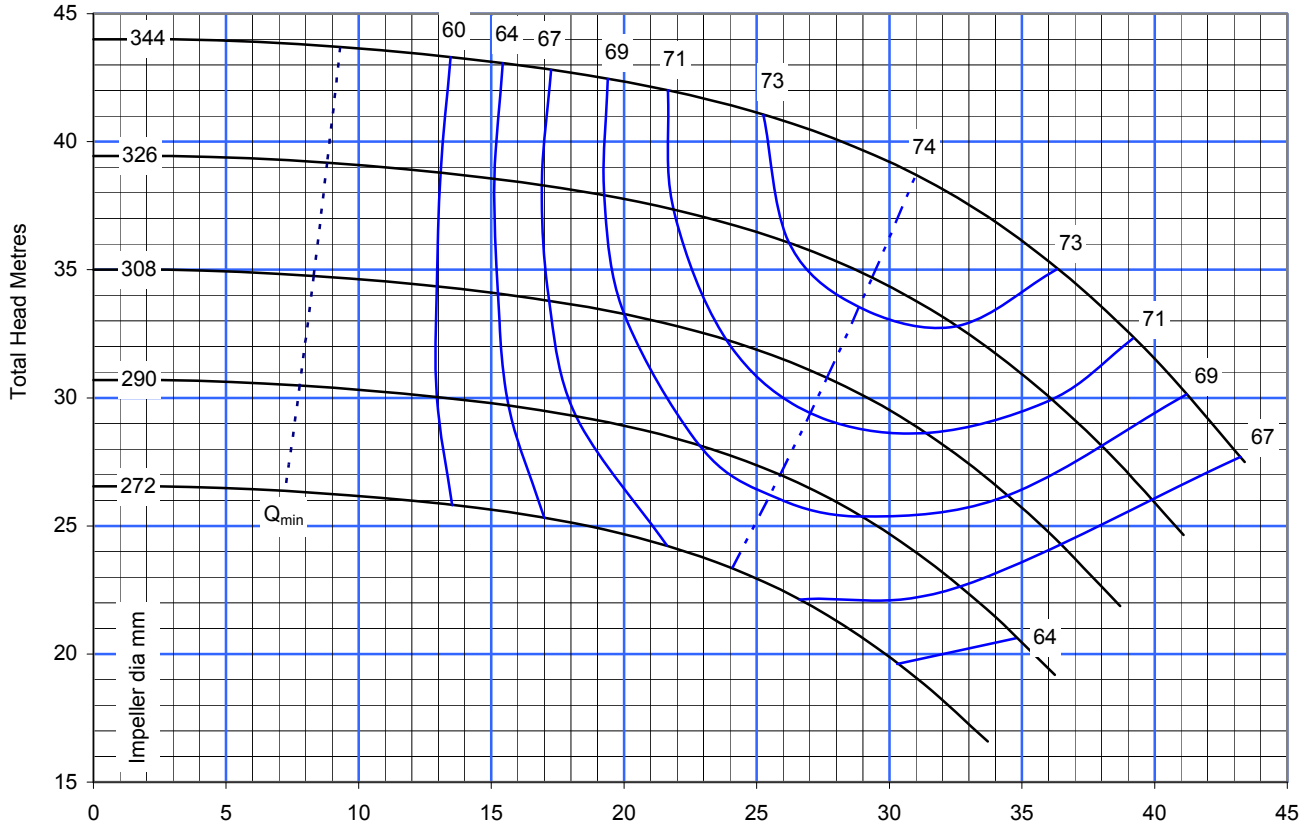
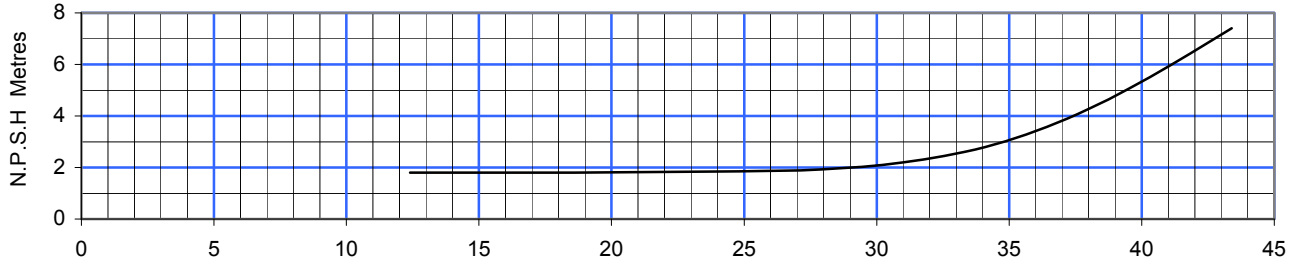
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SUCTION DIA <b>125</b>	DISCHARGE DIA <b>80</b>	MAX PRESSURE <b>16 bar</b>	PUMP MODEL <b>HT 80-220</b>	SPEED <b>1450</b>
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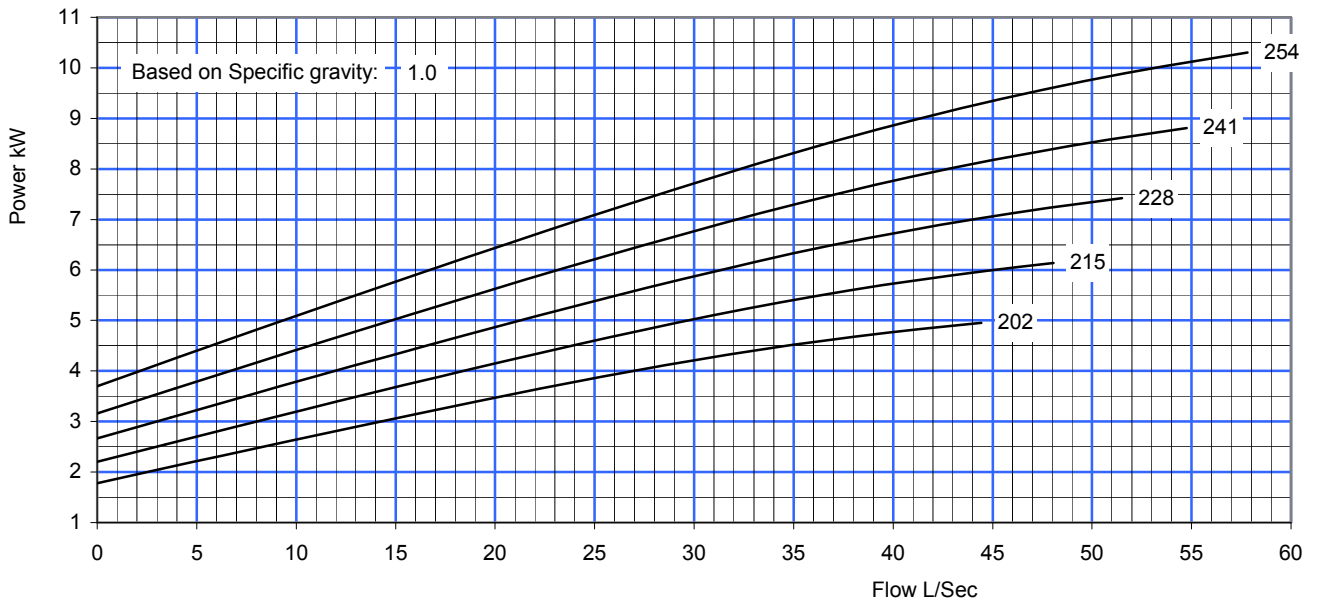
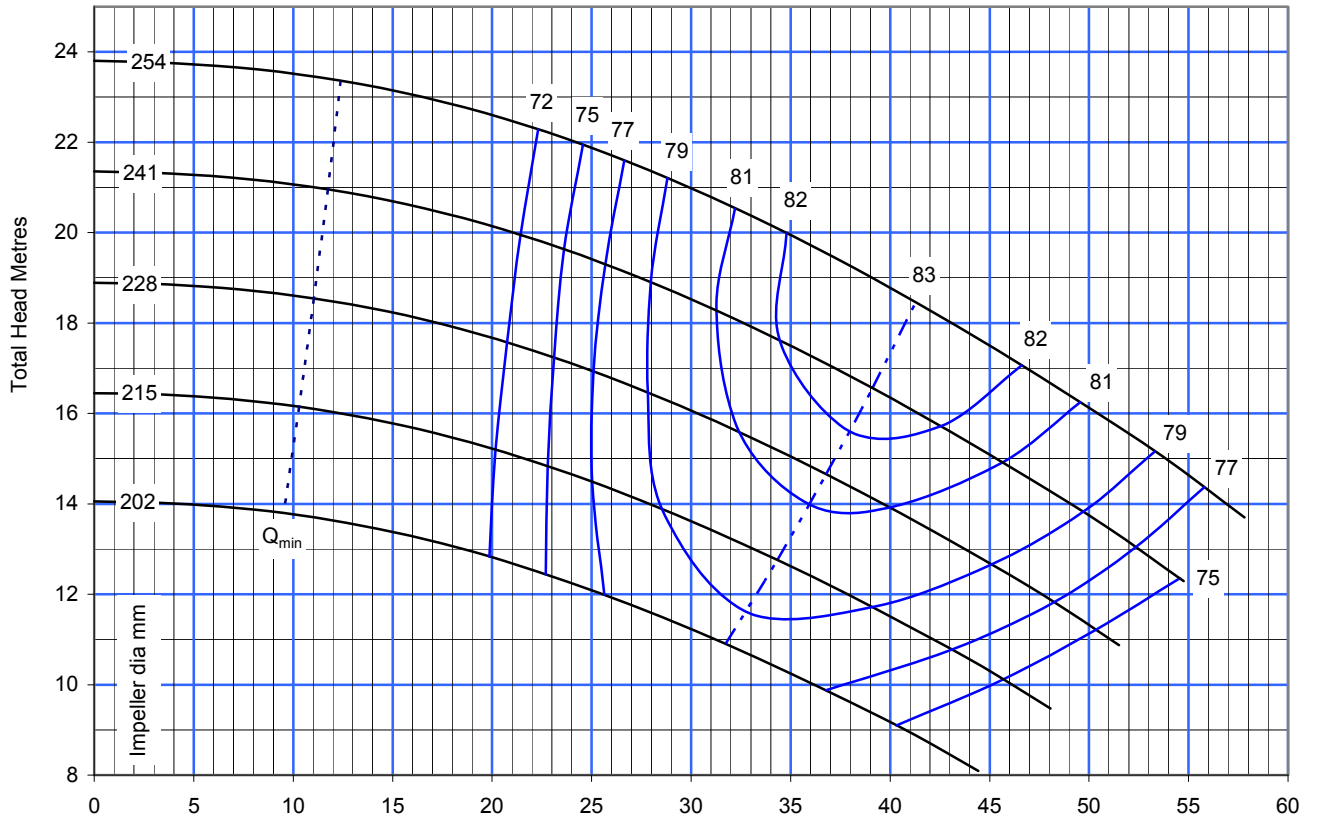
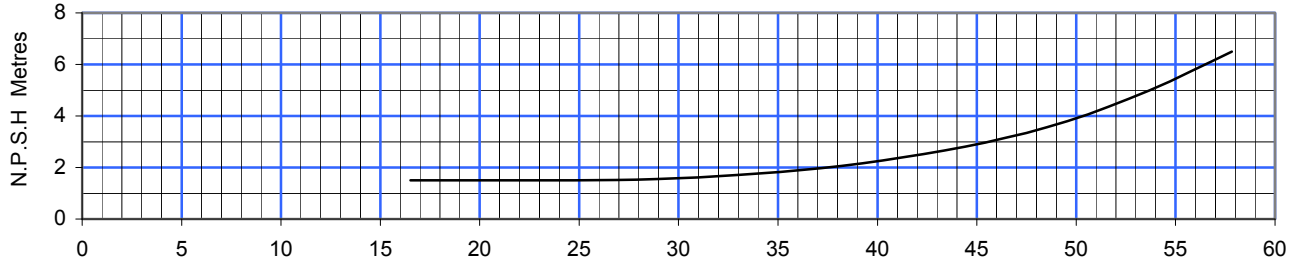


SUCTION DIA <b>125</b>	DISCHARGE DIA <b>80</b>	MAX PRESSURE <b>16 bar</b>	PUMP MODEL <b>HT 80-280</b>	SPEED <b>1450</b>
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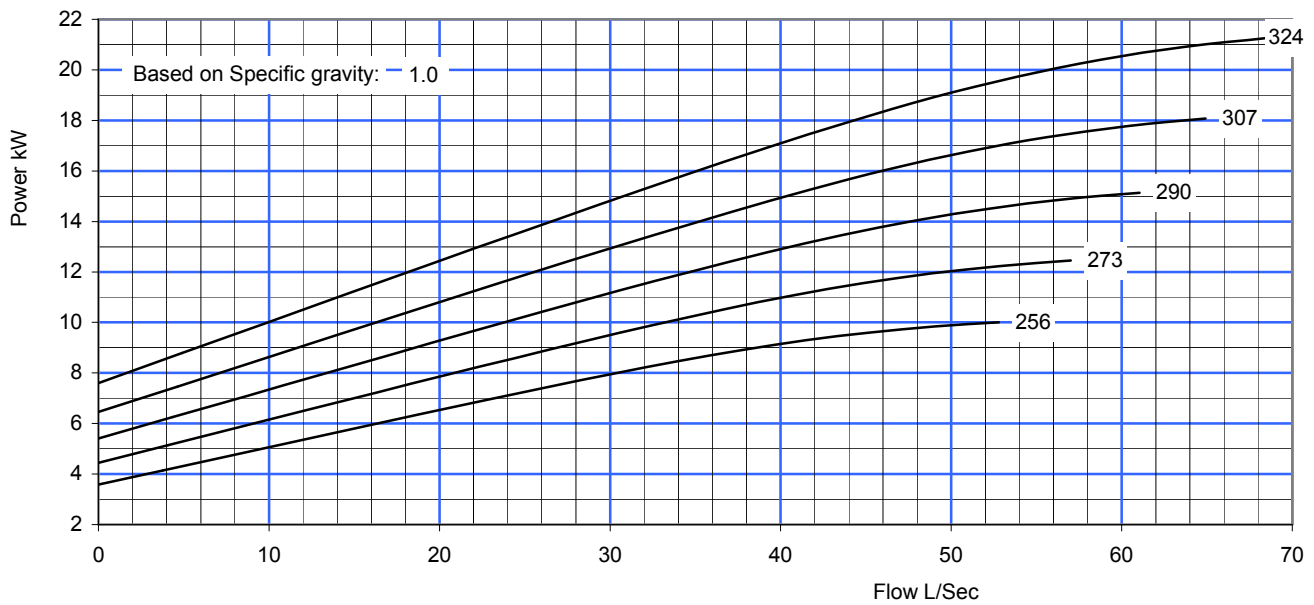
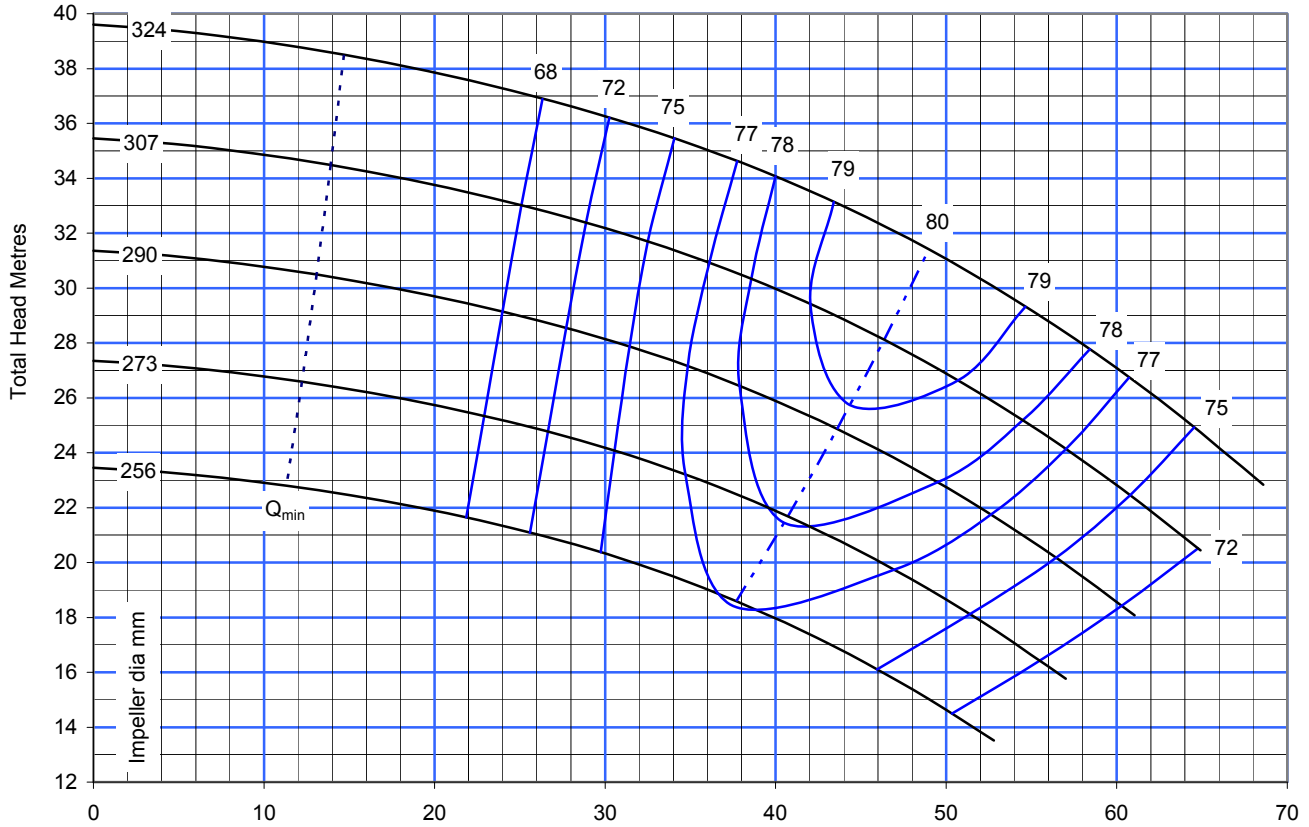
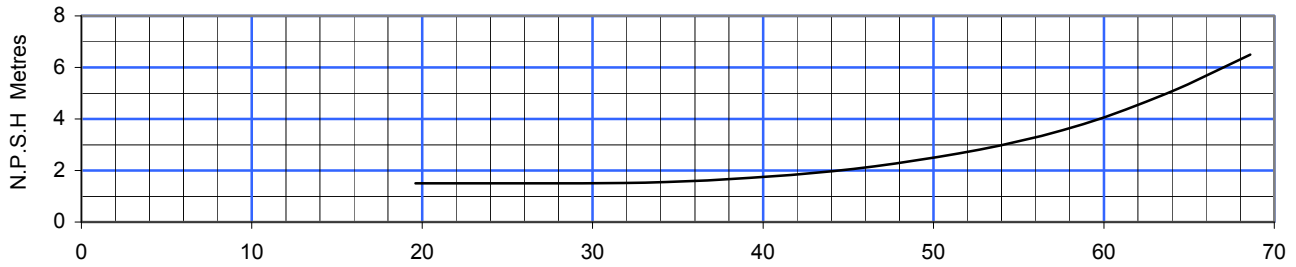


SUCTION DIA <b>125</b>	DISCHARGE DIA <b>80</b>	MAX PRESSURE <b>16 bar</b>	PUMP MODEL <b>HT 80-350</b>	SPEED <b>1450</b>
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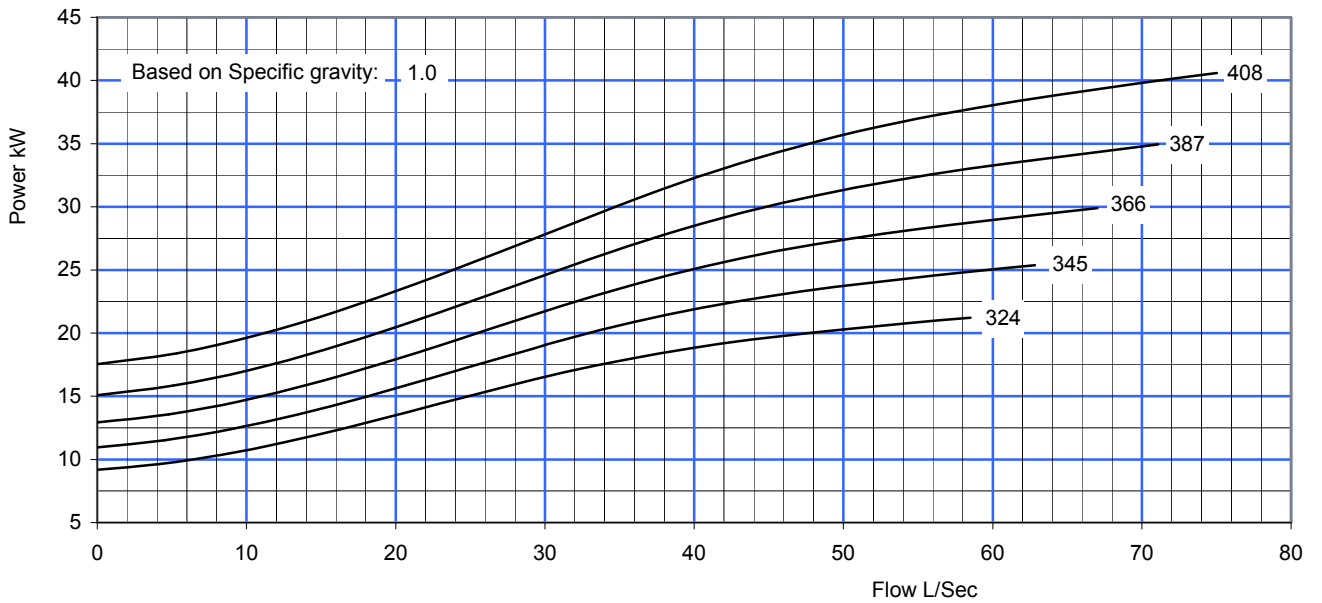
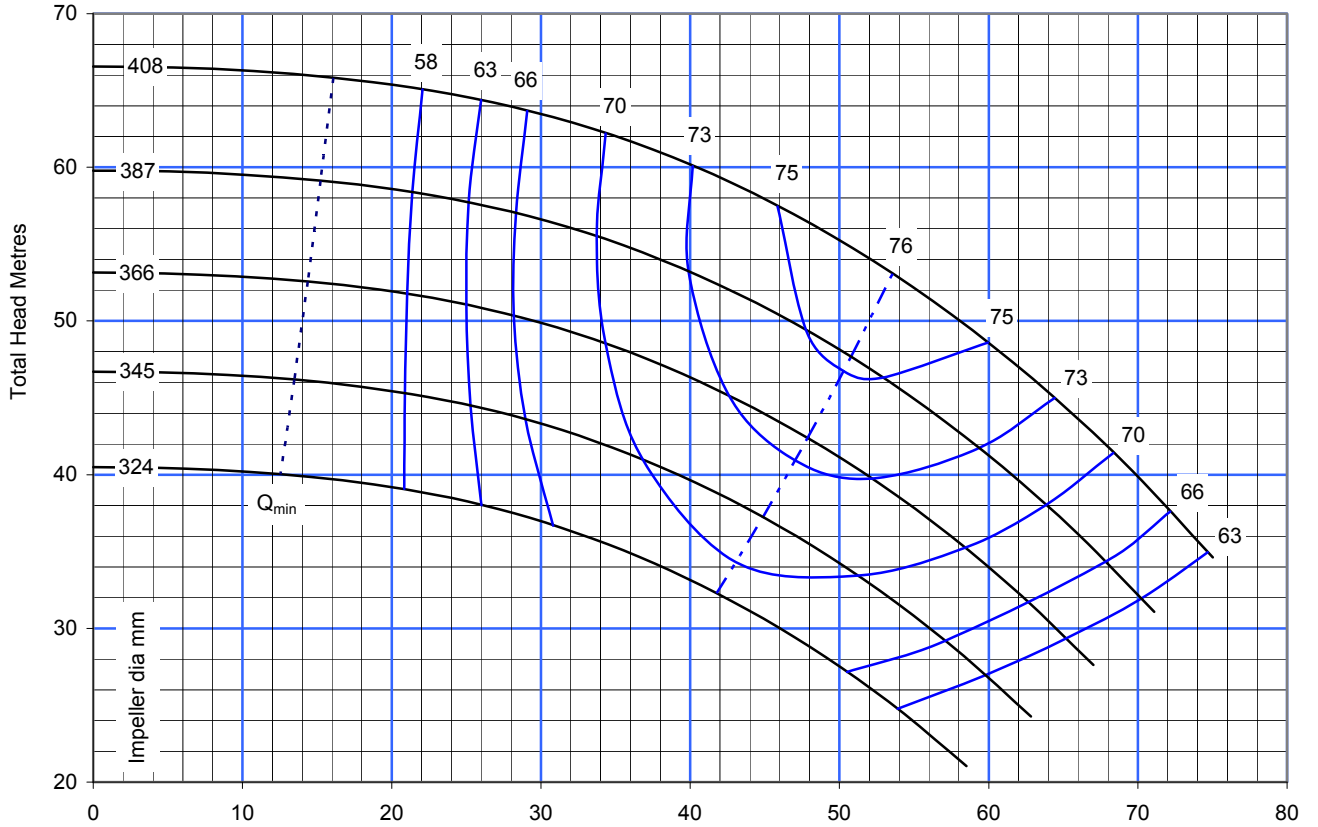
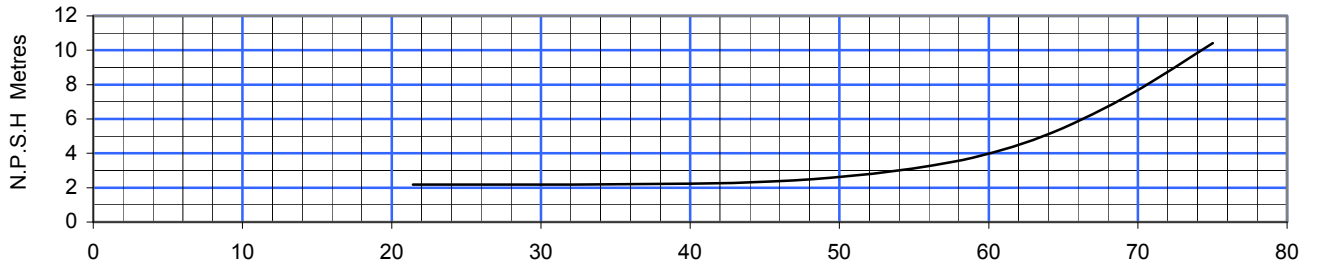




SUCTION DIA <b>150</b>	DISCHARGE DIA <b>100</b>	MAX PRESSURE <b>16 bar</b>	PUMP MODEL <b>HT 100-260</b>	SPEED <b>1450</b>
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SUCTION DIA <b>150</b>	DISCHARGE DIA <b>100</b>	MAX PRESSURE <b>16 bar</b>	PUMP MODEL <b>HT 100-330</b>	SPEED <b>1450</b>
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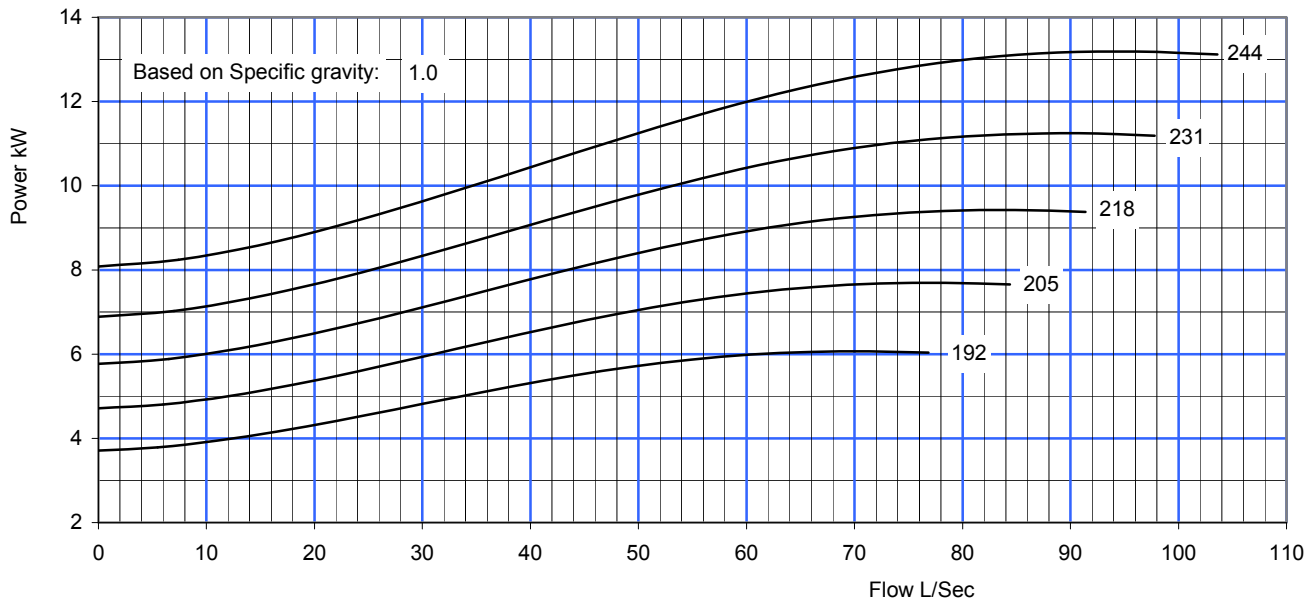
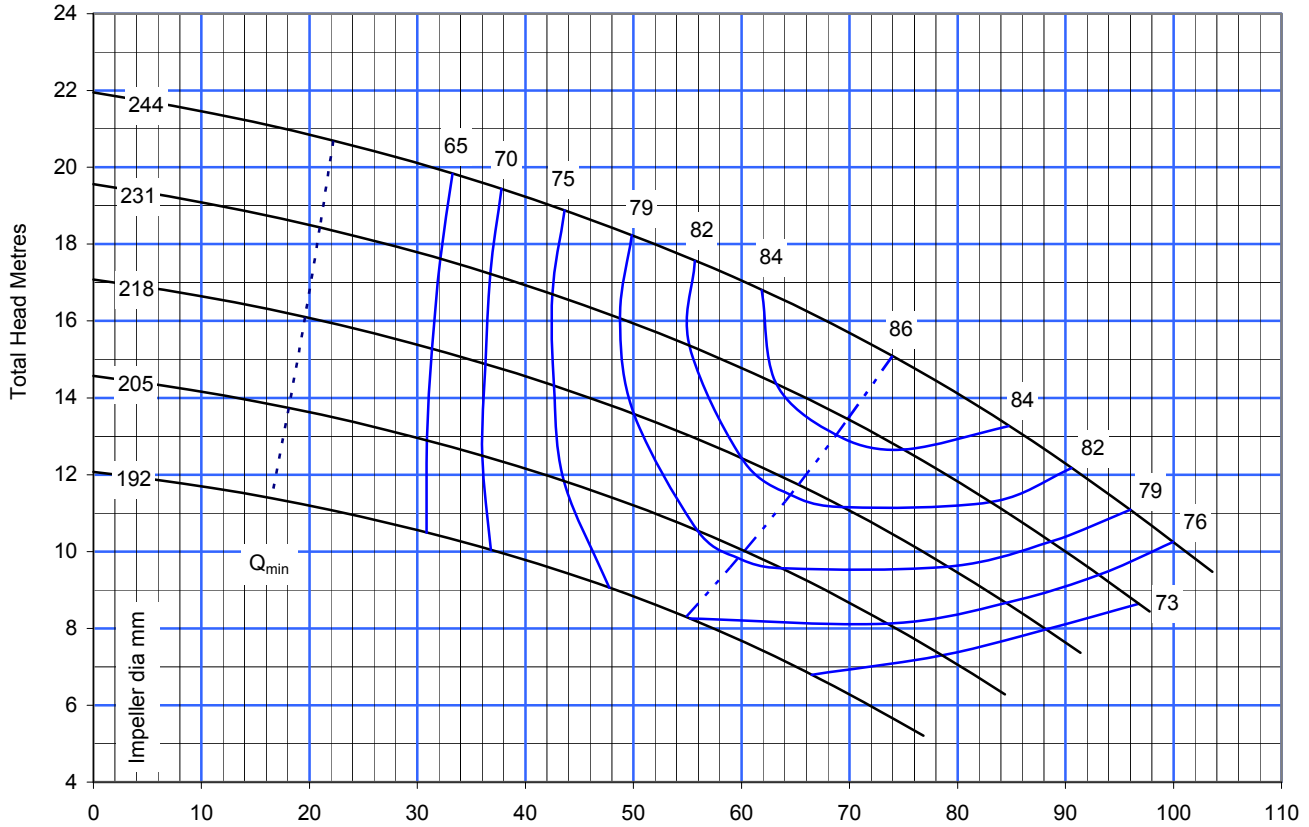
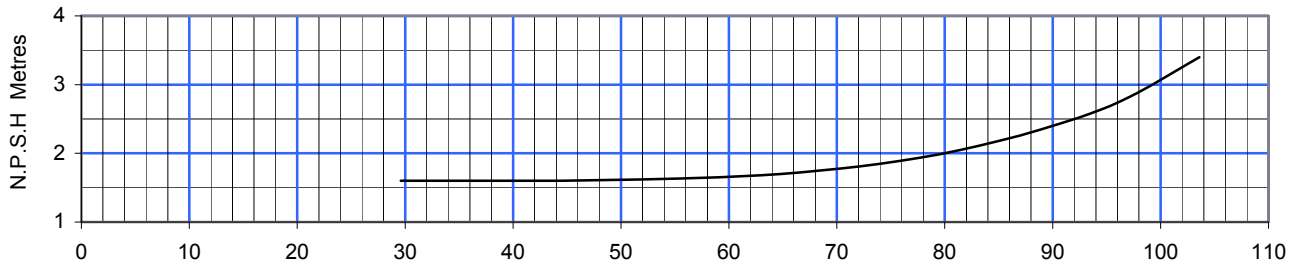


SUCTION DIA <b>150</b>	DISCHARGE DIA <b>100</b>	MAX PRESSURE <b>16 bar</b>	PUMP MODEL <b>HT 100-410</b>	SPEED <b>1480</b>
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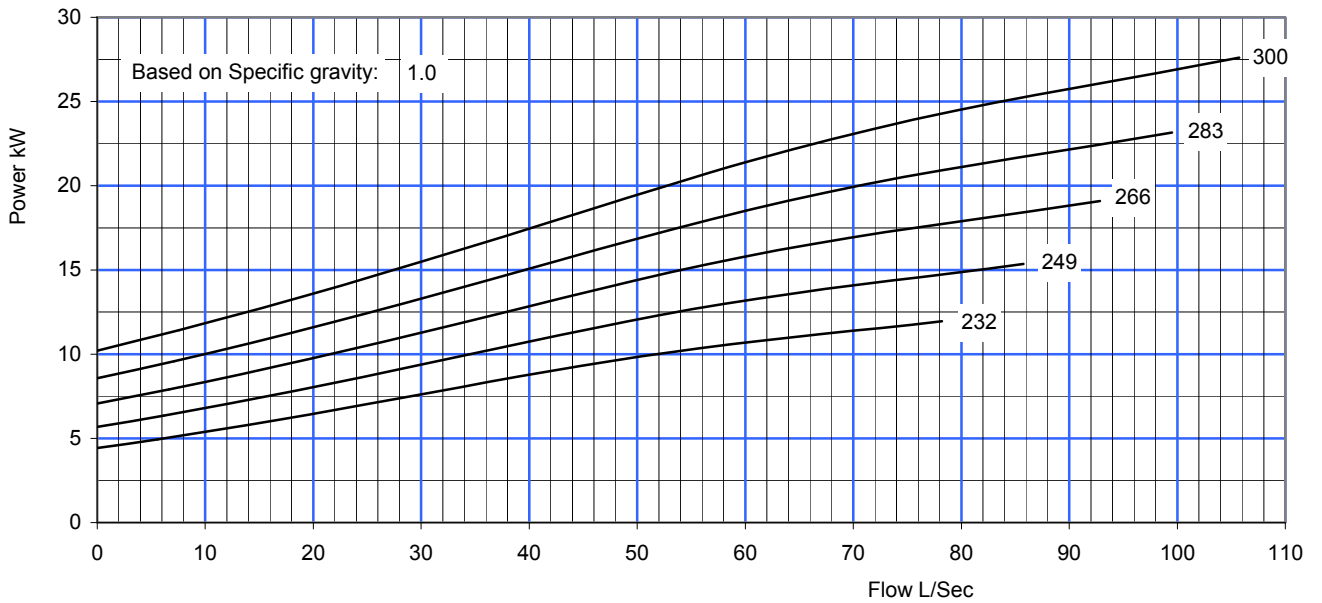
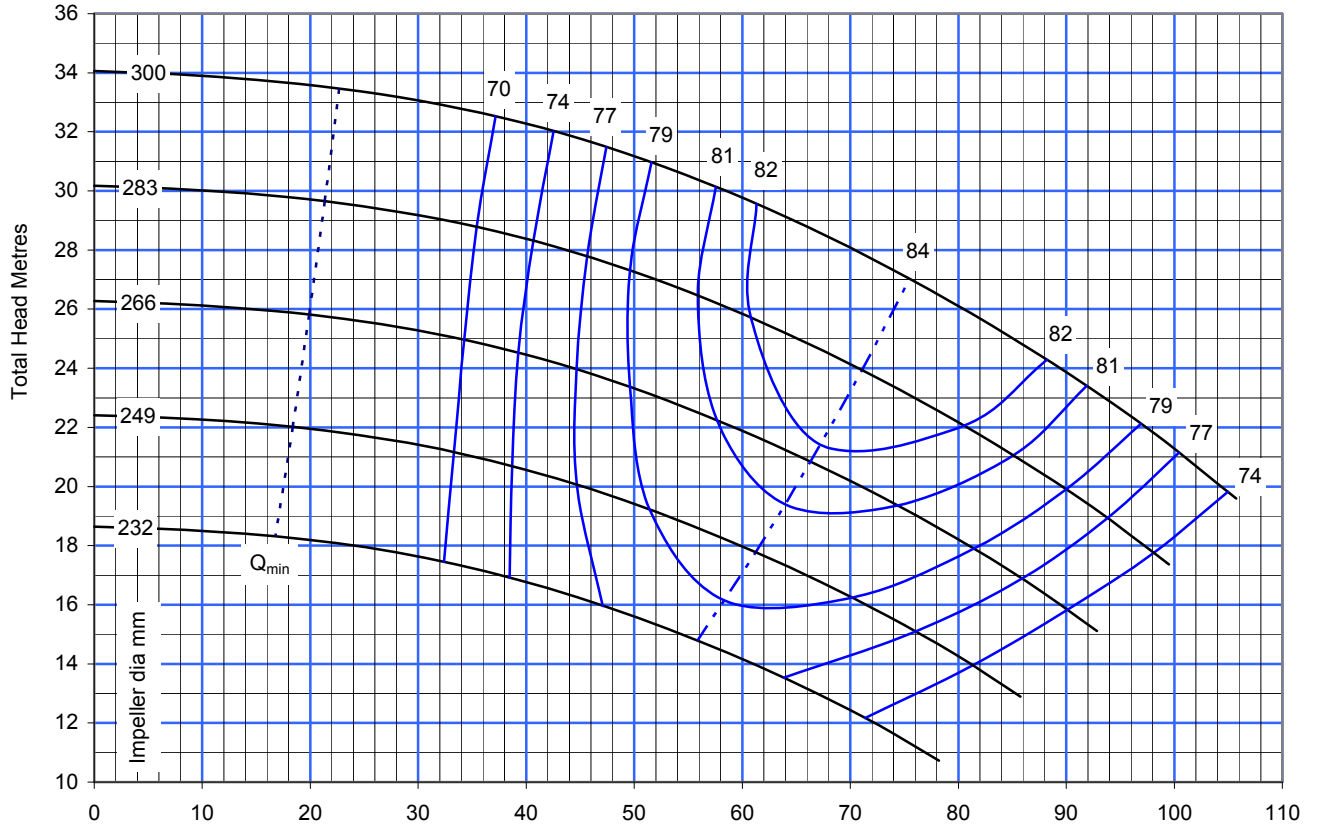
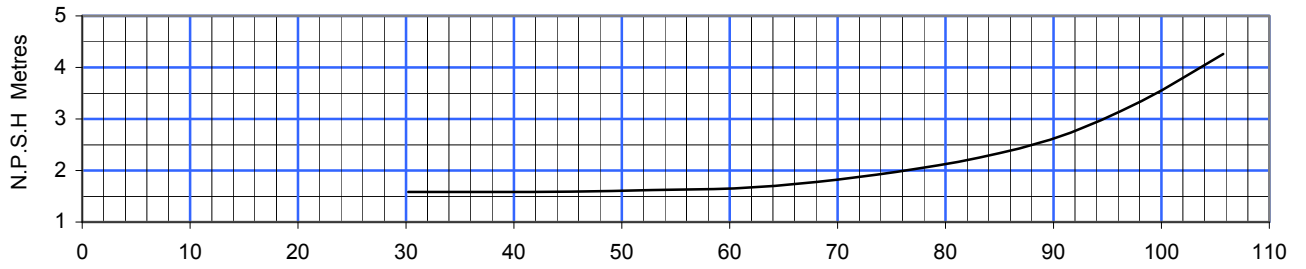
Pump Performance curve to ISO2858C

HORIZONTAL AND VERTICAL SPLIT CASING DOUBLE SUCTION PUMP

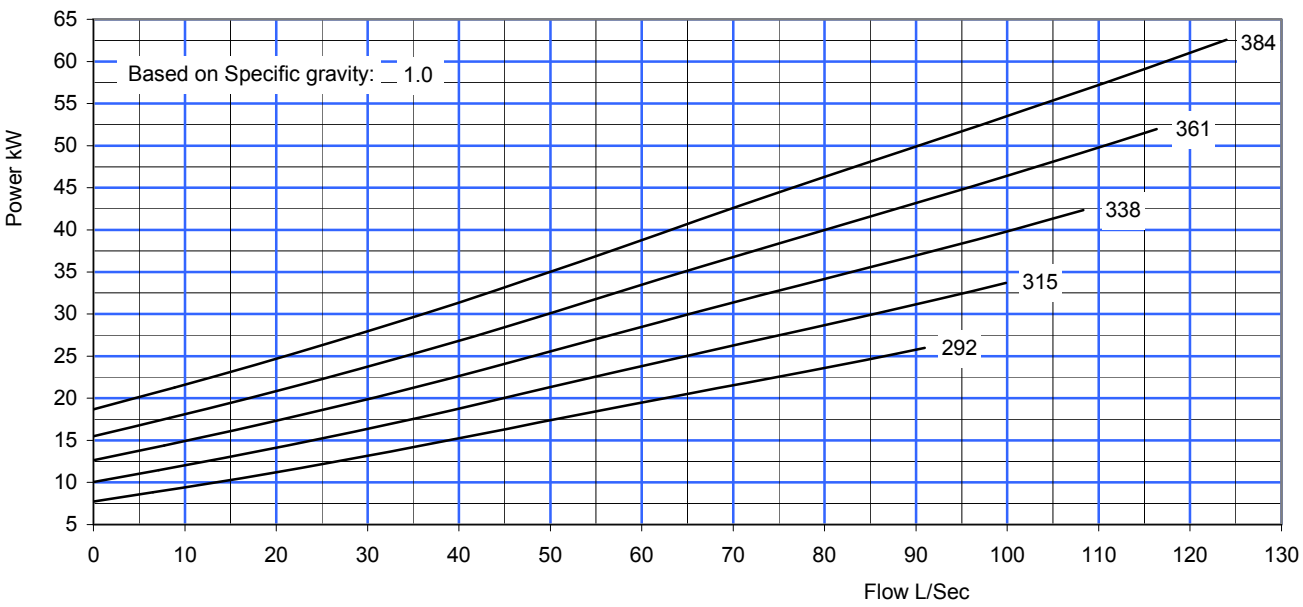
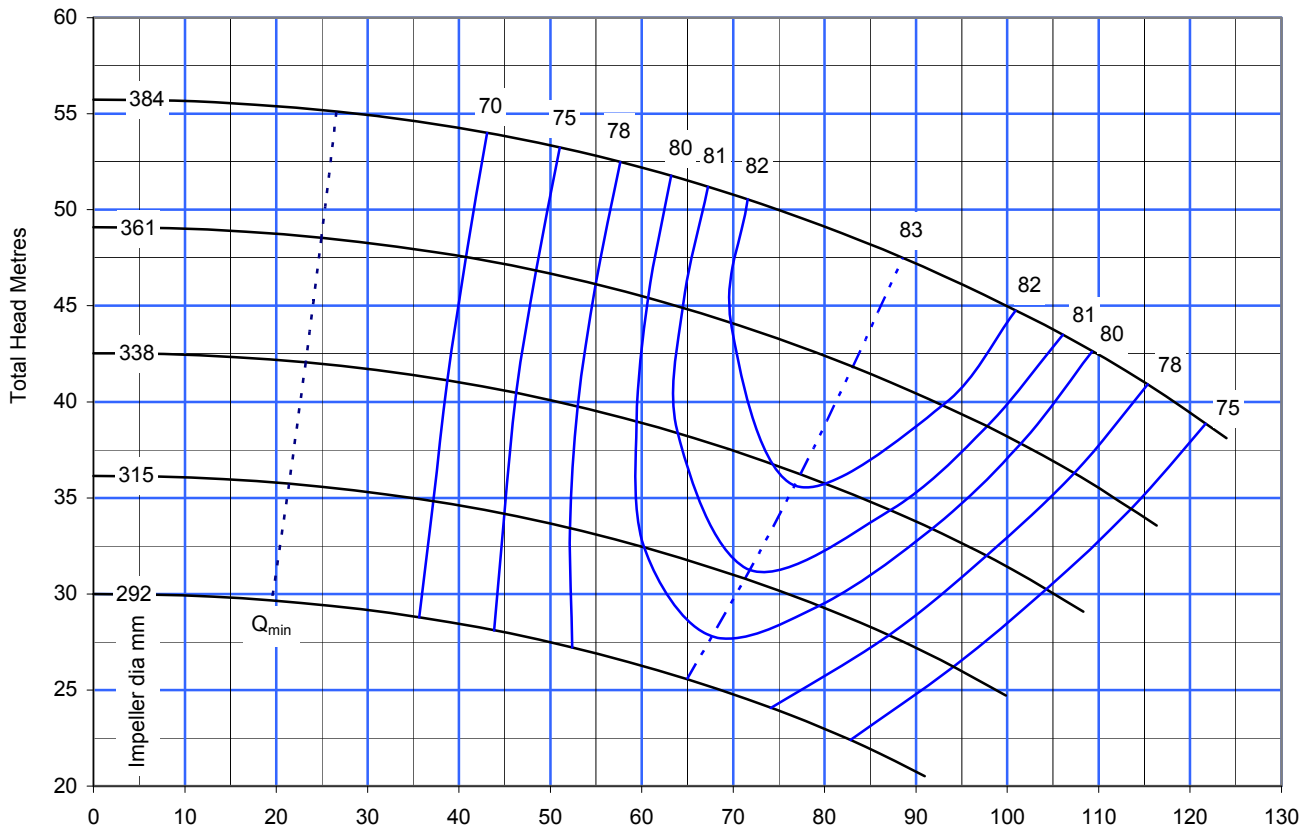
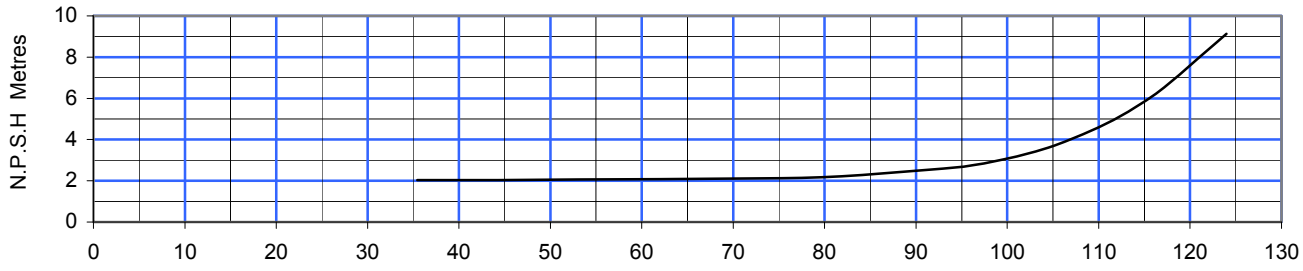
**APEXPUMPS**



SUCTION DIA <b>200</b>	DISCHARGE DIA <b>125</b>	MAX PRESSURE <b>16 bar</b>	PUMP MODEL <b>HT 125-250</b>	SPEED <b>1450</b>
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SUCTION DIA <b>200</b>	DISCHARGE DIA <b>125</b>	MAX PRESSURE <b>16 bar</b>	PUMP MODEL <b>HT 125-300</b>	SPEED <b>1460</b>
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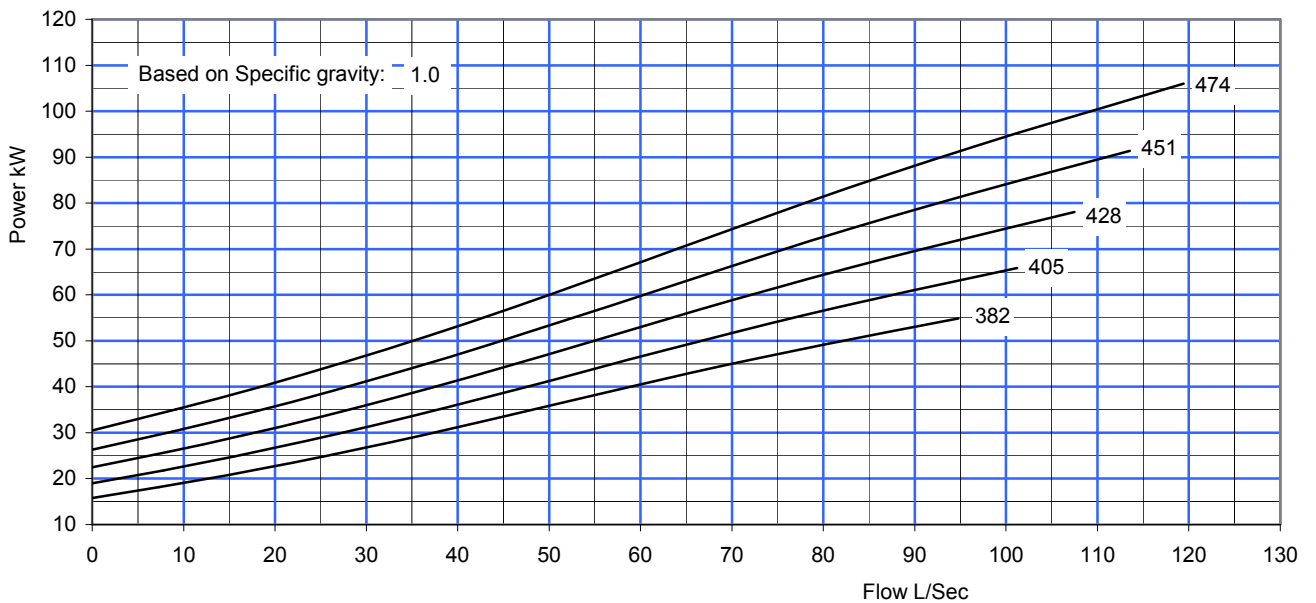
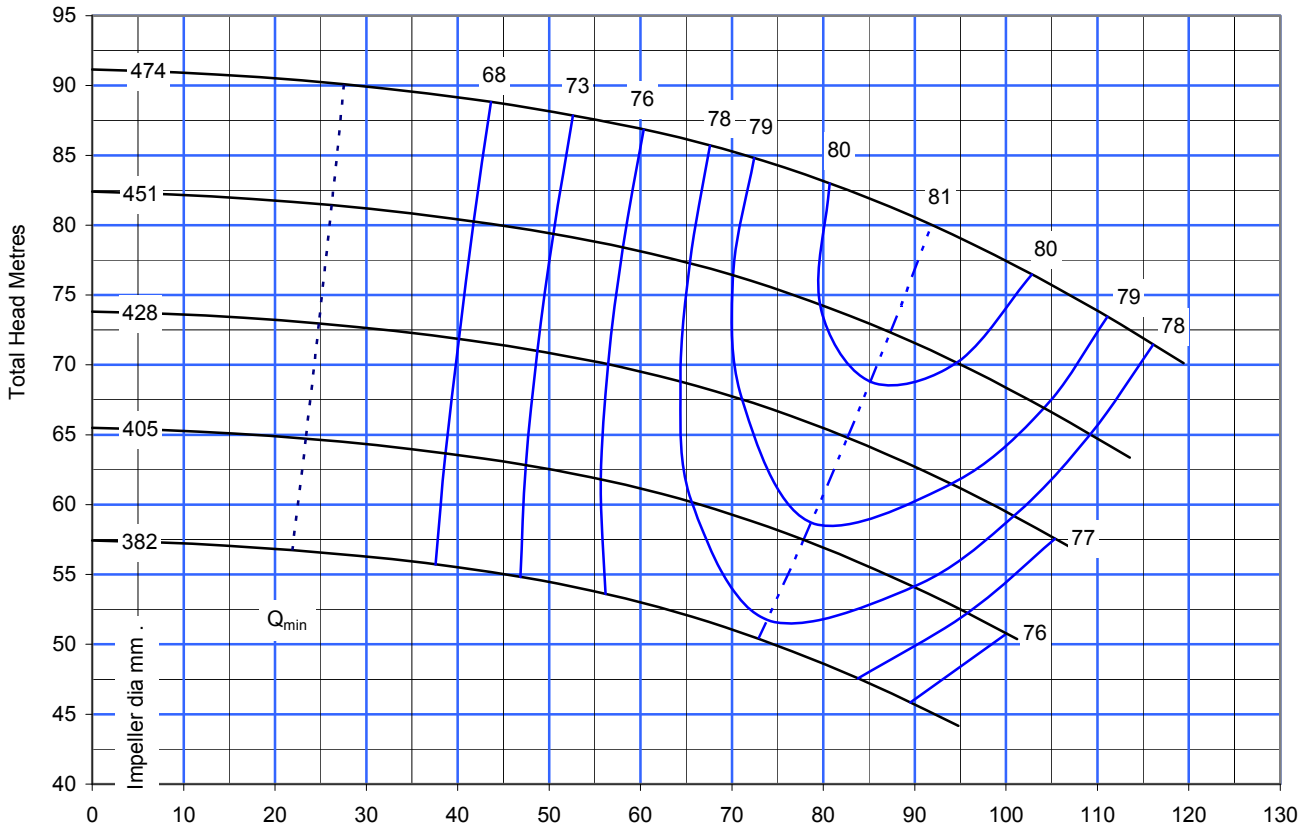
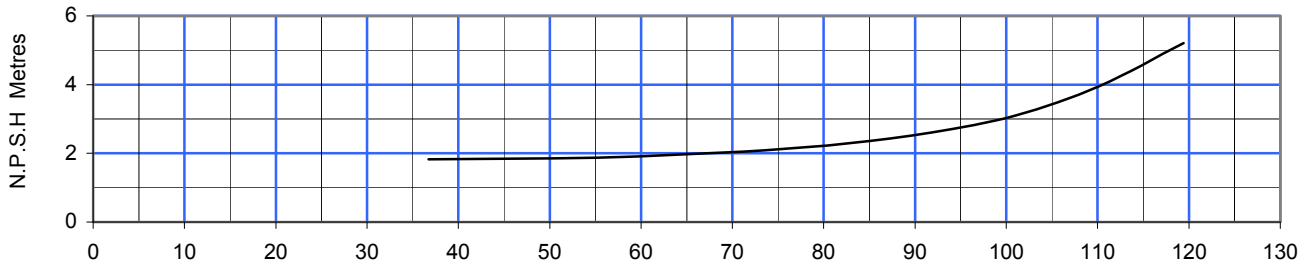


SUCTION DIA <b>200</b>	DISCHARGE DIA <b>125</b>	MAX PRESSURE <b>16 bar</b>	PUMP MODEL <b>HT 125-390</b>	SPEED <b>1460</b>
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Pump Performance curve to ISO2858C

HORIZONTAL AND VERTICAL SPLIT CASING DOUBLE SUCTION PUMP

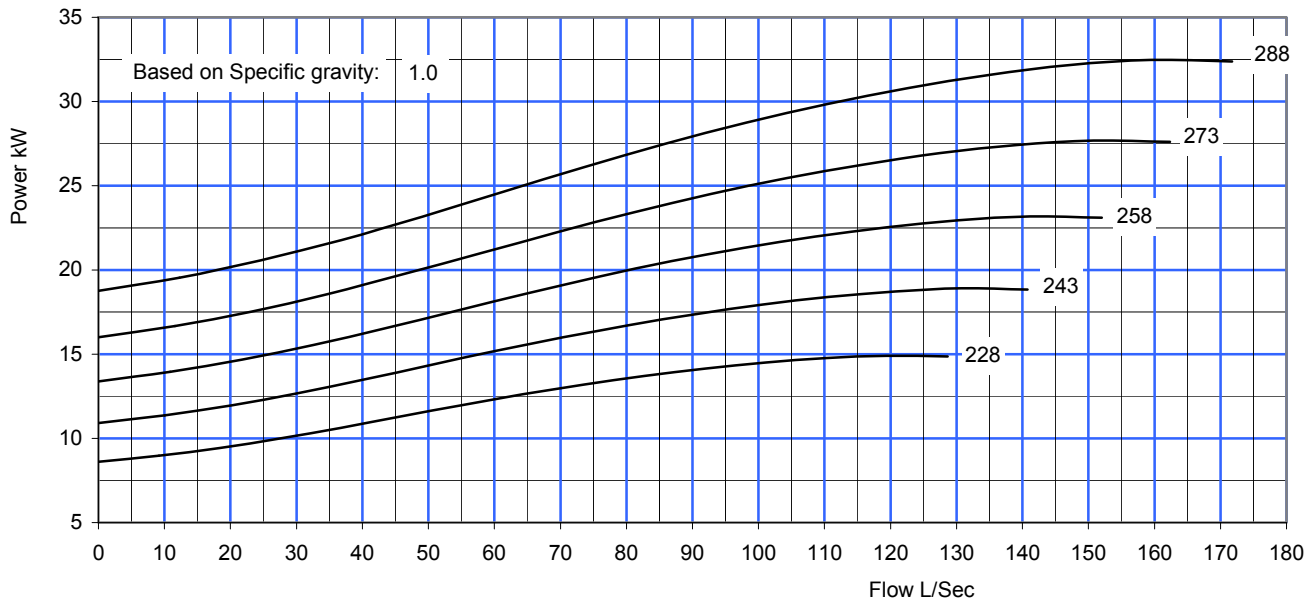
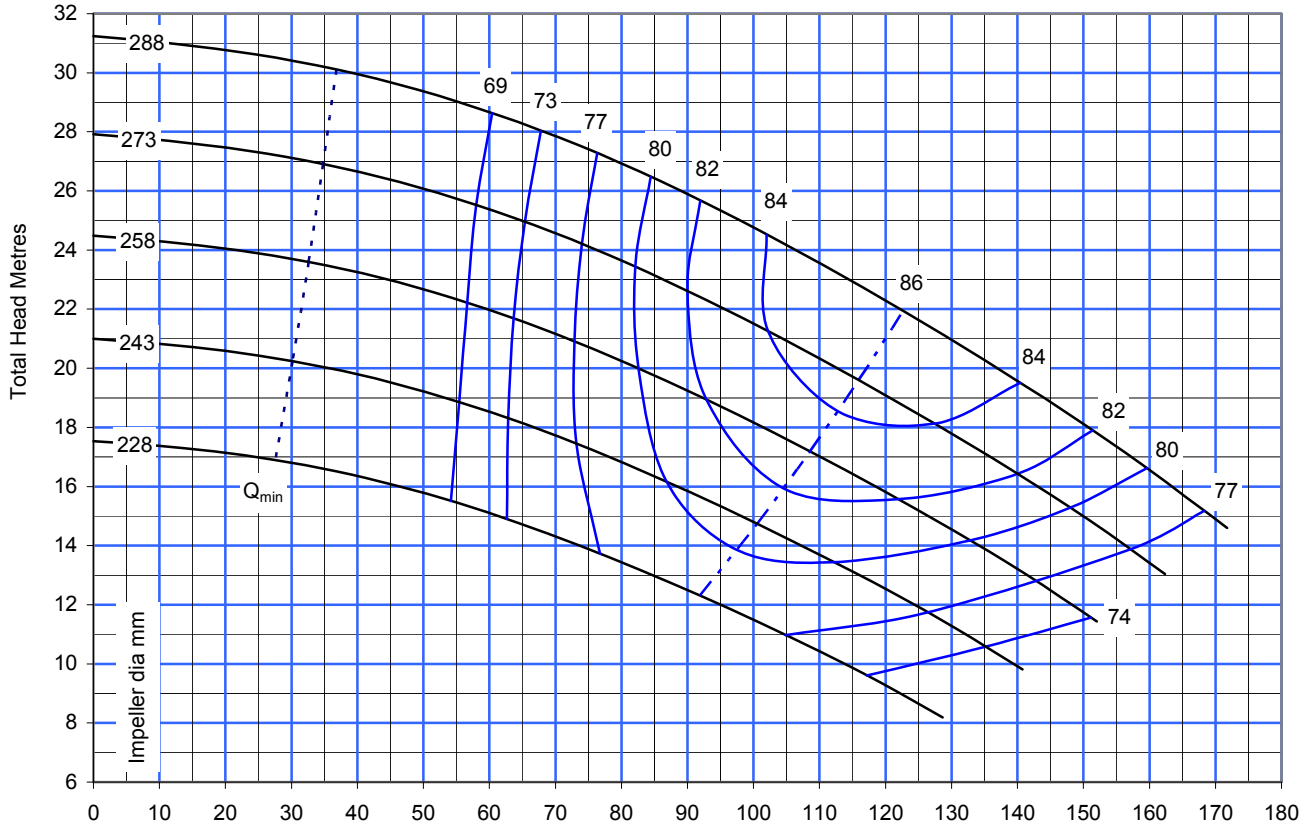
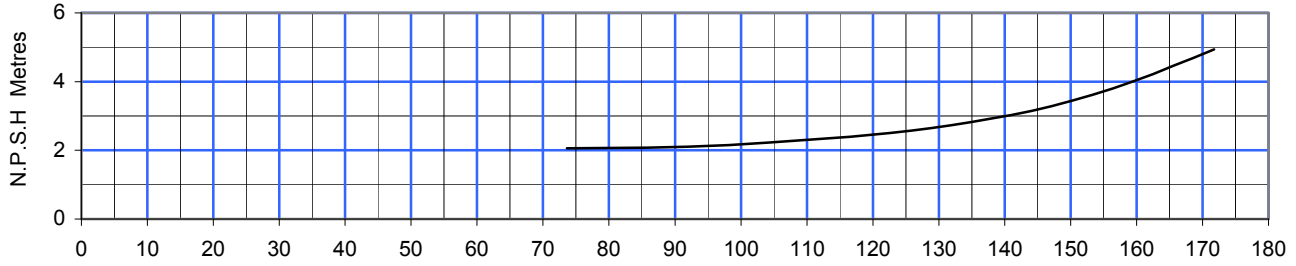
**APEXPUMPS**



SUCTION DIA <b>200</b>	DISCHARGE DIA <b>125</b>	MAX PRESSURE <b>16 bar</b>	PUMP MODEL <b>HT 125-480</b>	SPEED <b>1480</b>
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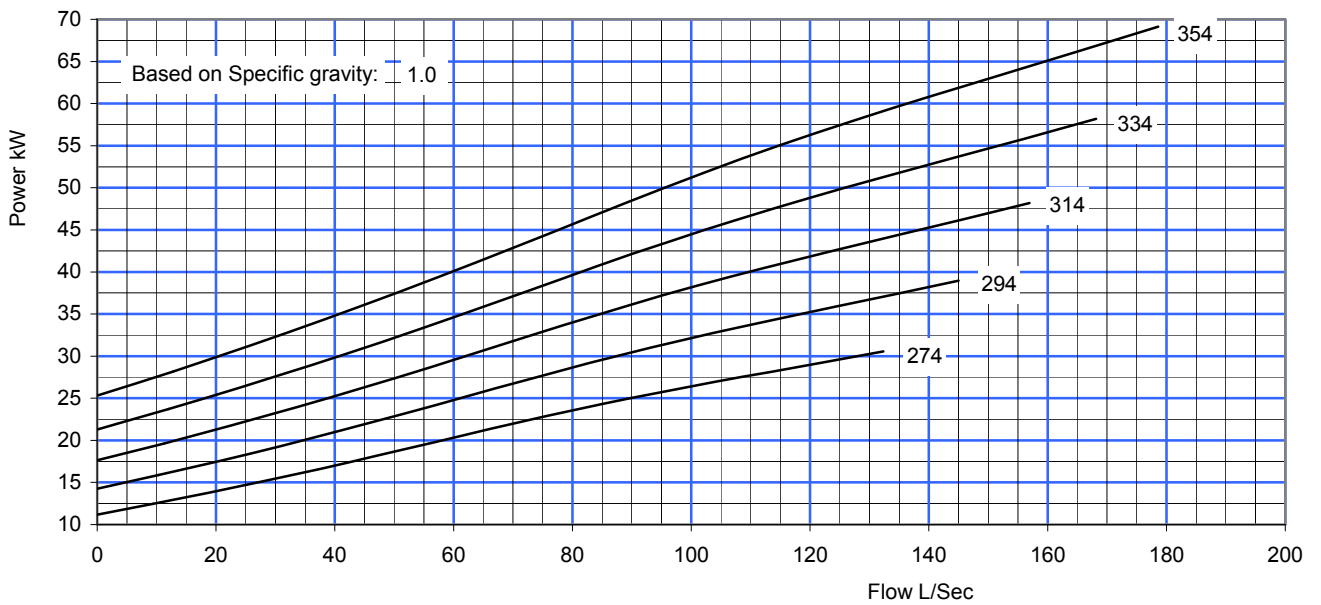
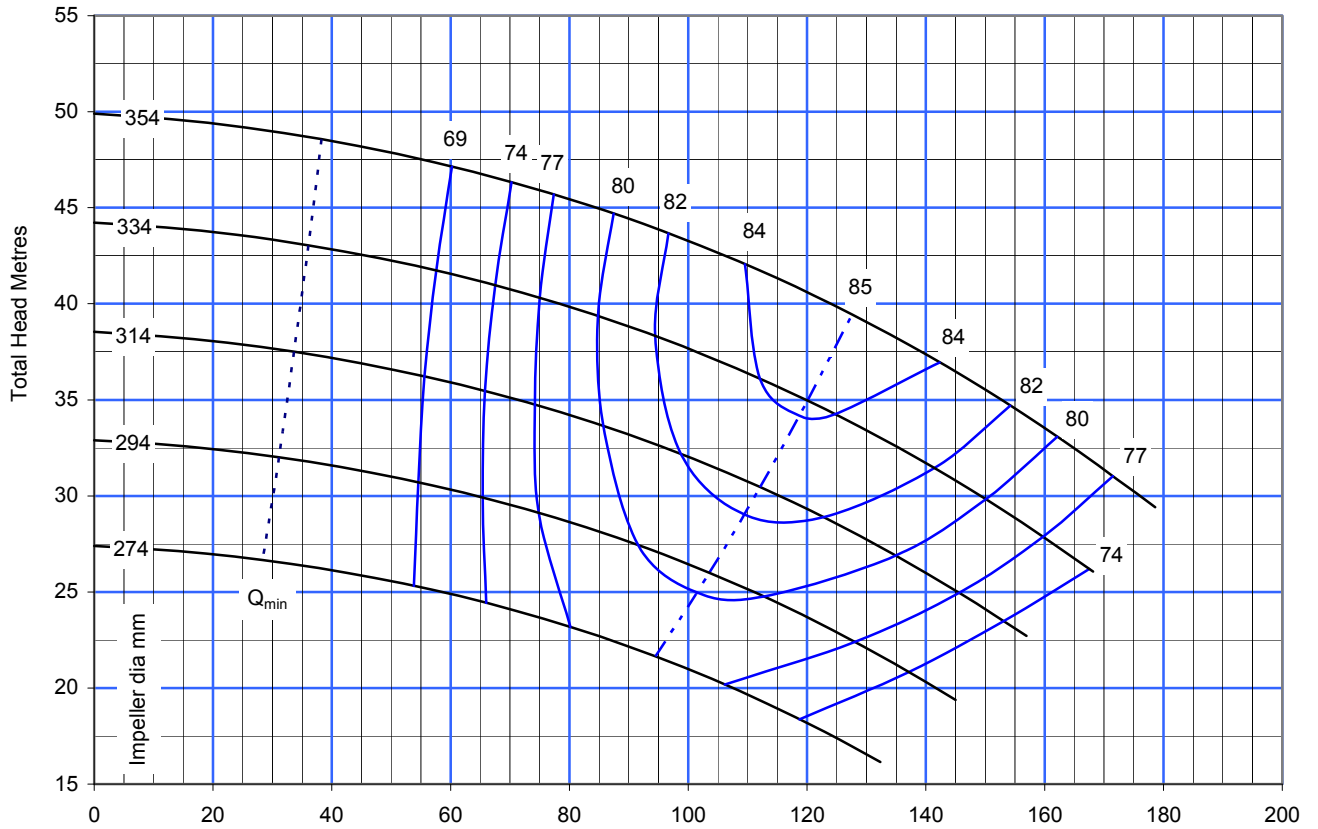
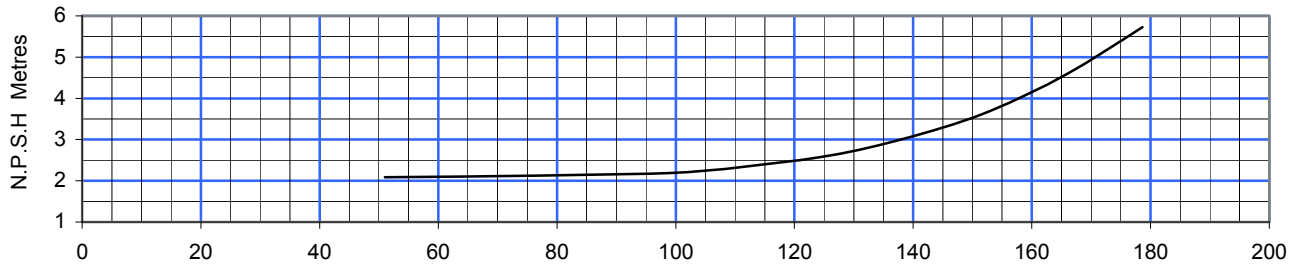
APEX PUMPS MORLEY ROAD STAPLE HILL BRISTOL BS16 4QT TEL:0117 907 7555 FAX: 0117 907 7556

**APEXPUMPS**

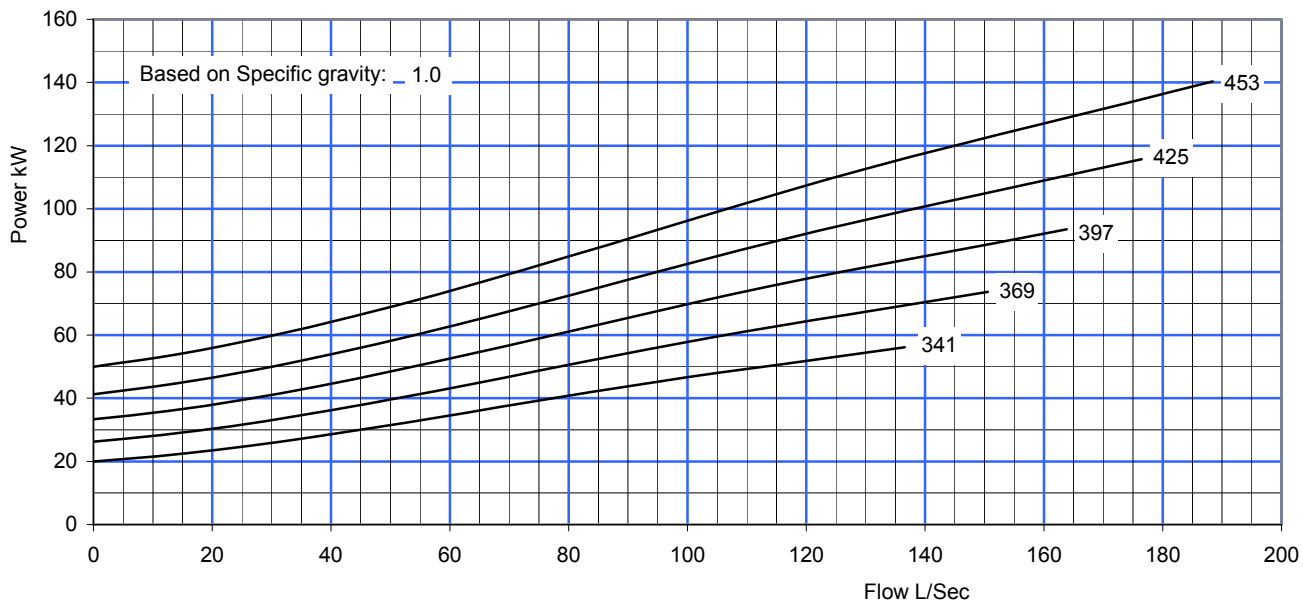
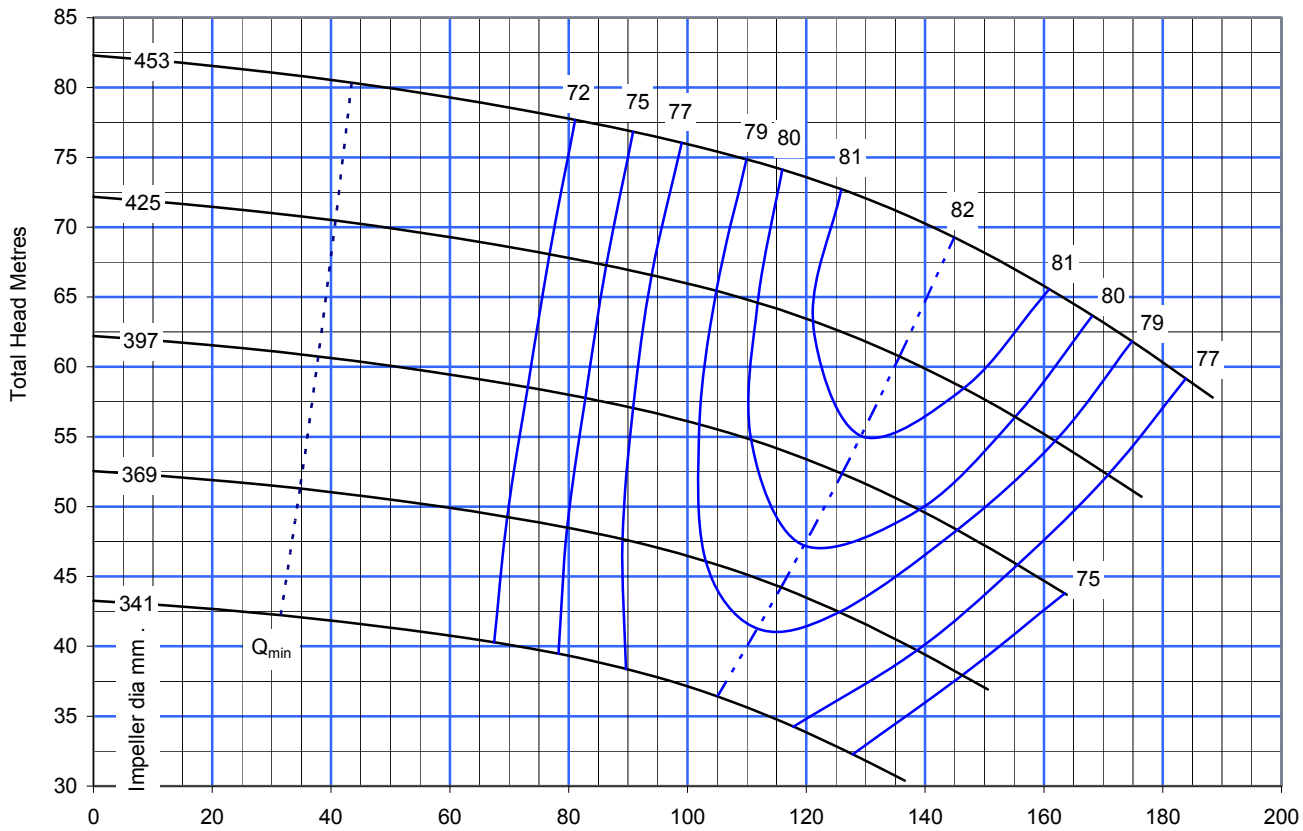
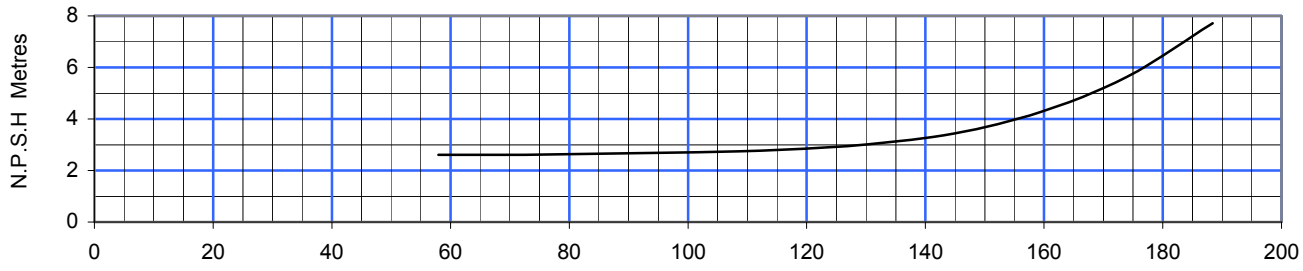


SUCTION DIA <b>200</b>	DISCHARGE DIA <b>150</b>	MAX PRESSURE <b>16 bar</b>	PUMP MODEL <b>HT 150-290</b>	SPEED <b>1470</b>
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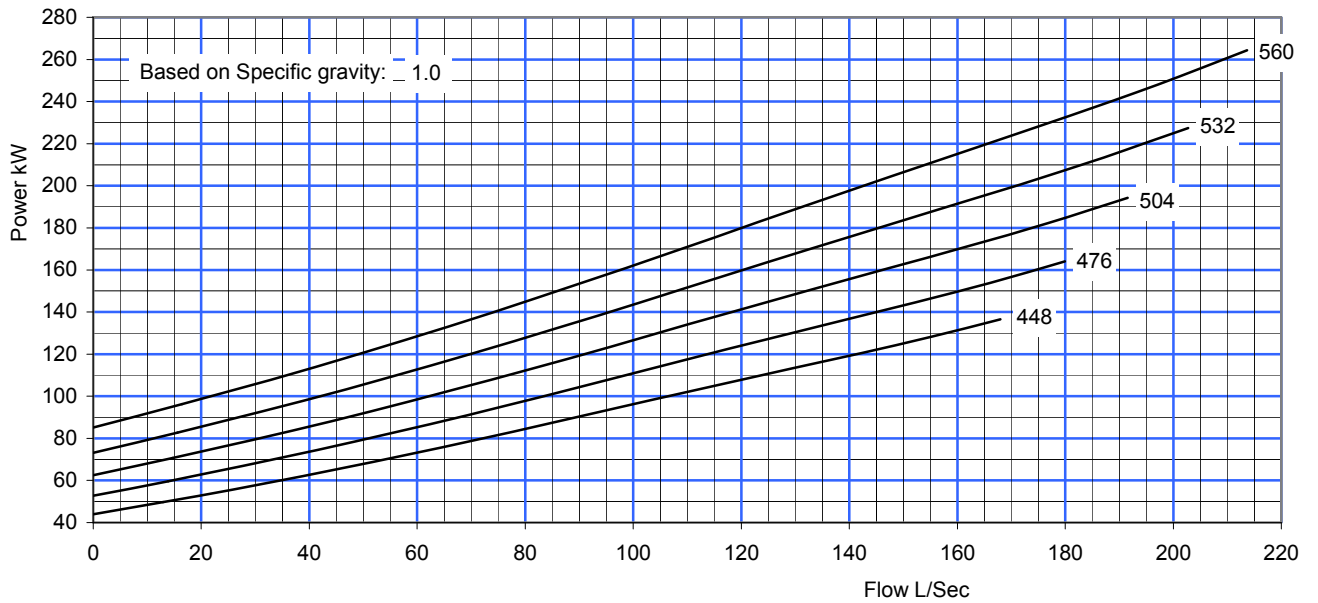
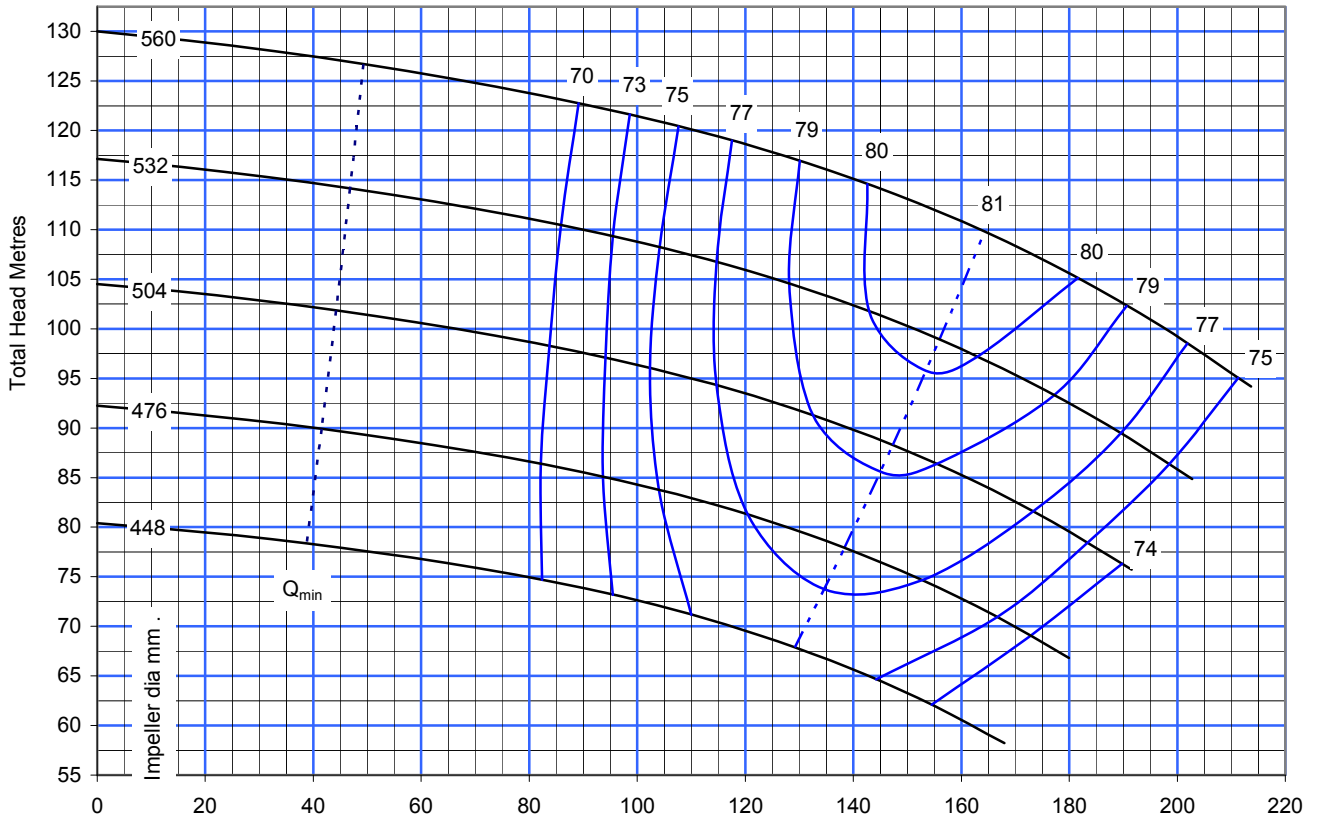
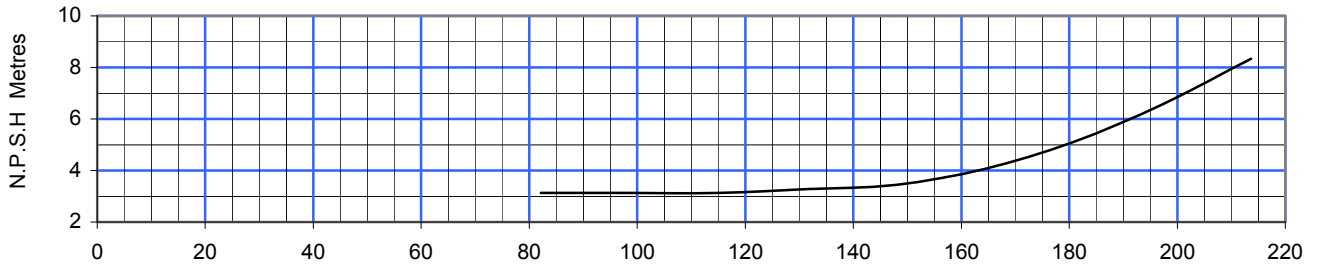




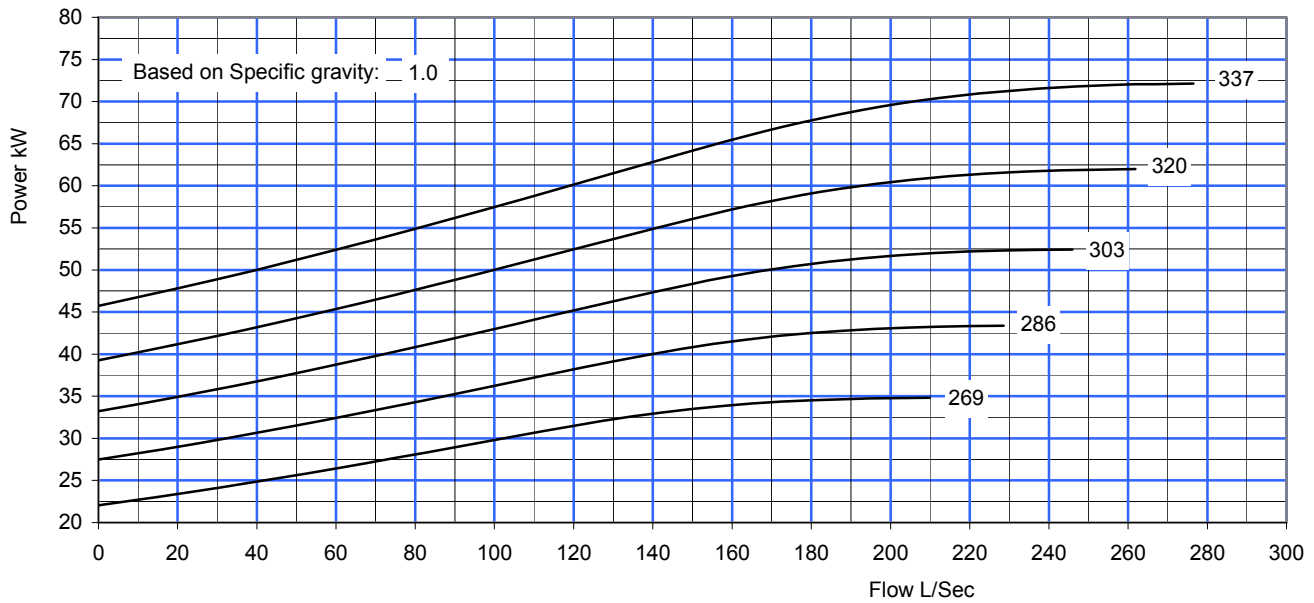
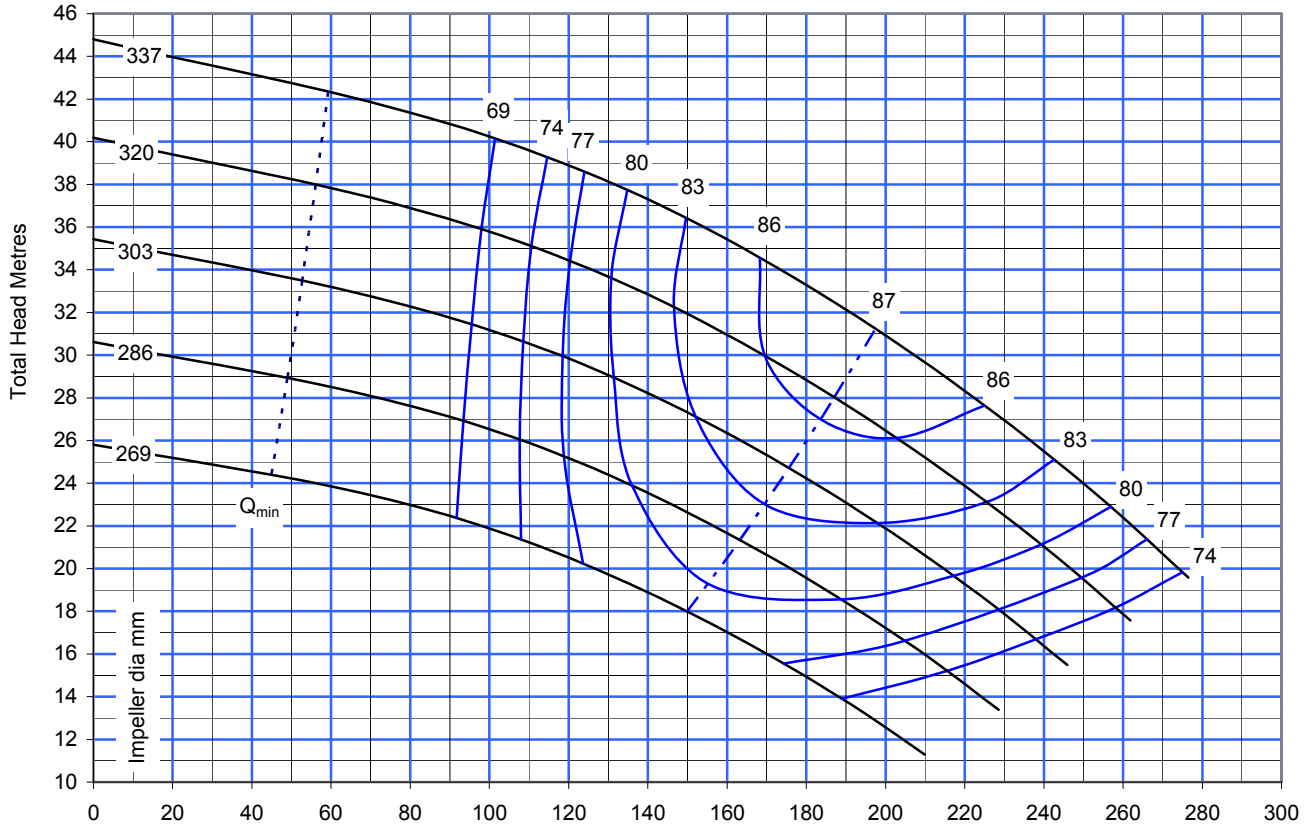
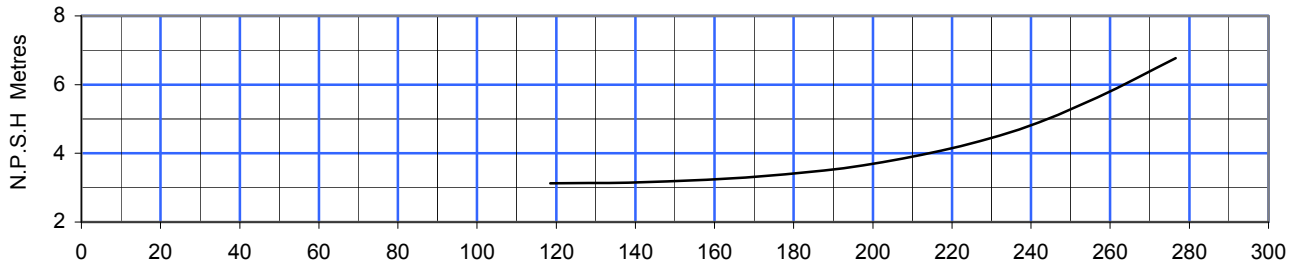
SUCTION DIA <b>200</b>	DISCHARGE DIA <b>150</b>	MAX PRESSURE <b>16 bar</b>	PUMP MODEL <b>HT 150-360</b>	SPEED <b>1480</b>
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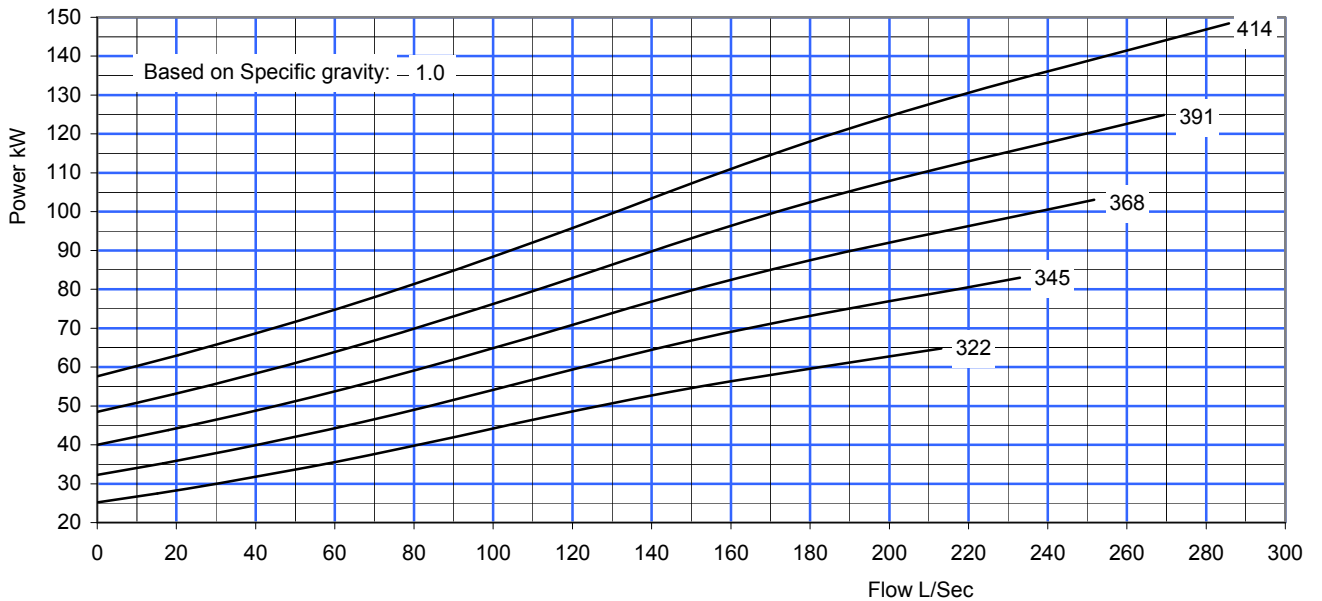
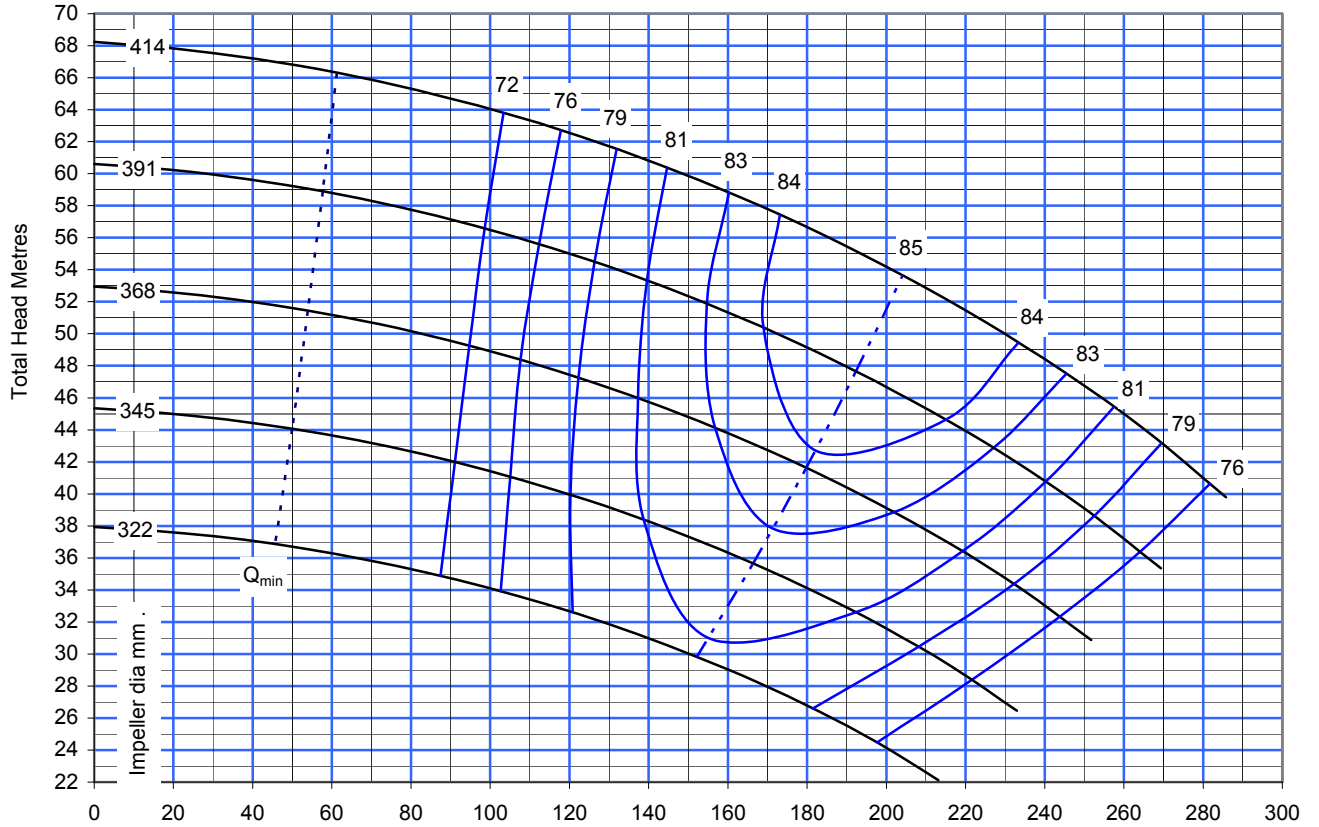
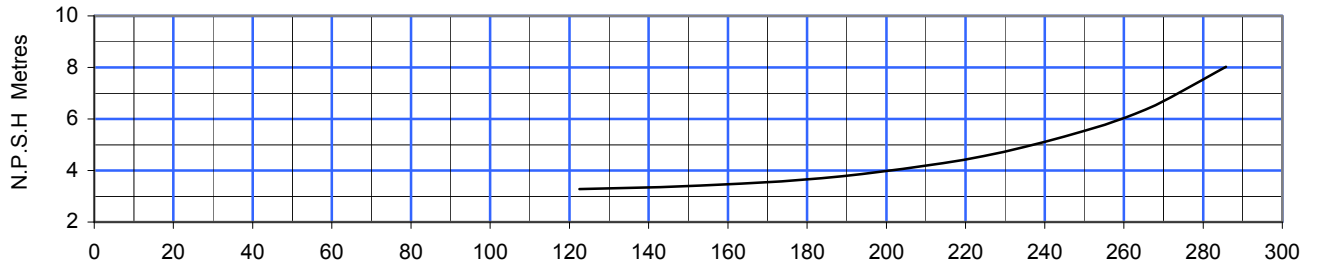
SUCTION DIA <b>200</b>	DISCHARGE DIA <b>150</b>	MAX PRESSURE <b>16 bar</b>	PUMP MODEL <b>HT 150-460</b>	SPEED <b>1480</b>
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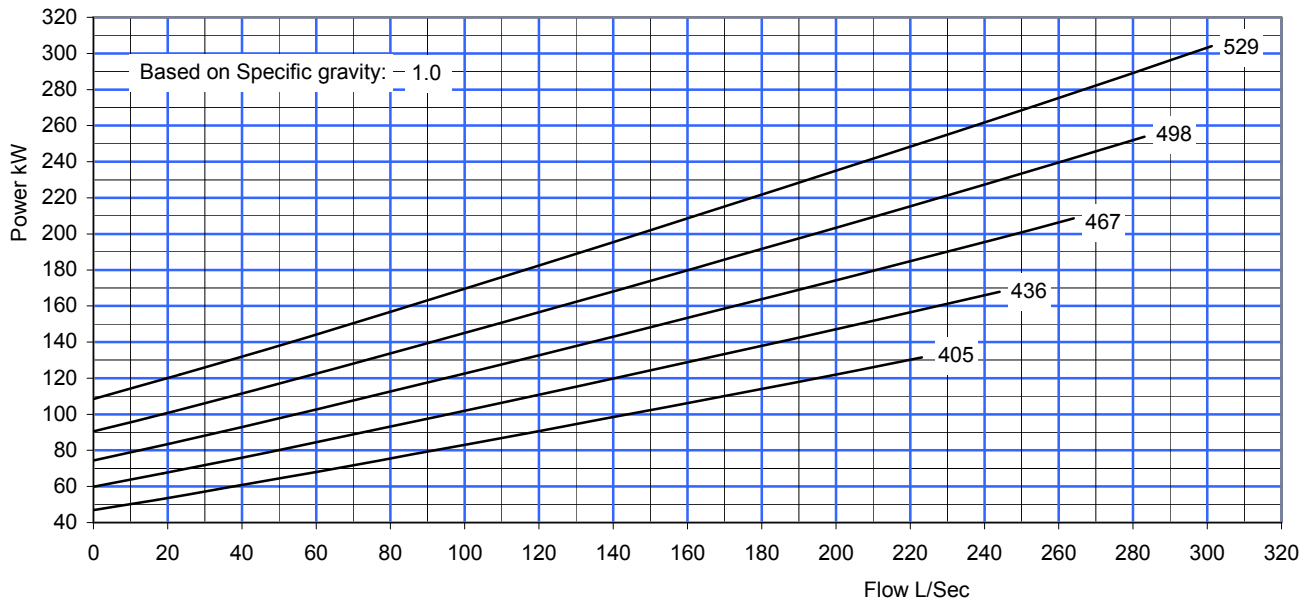
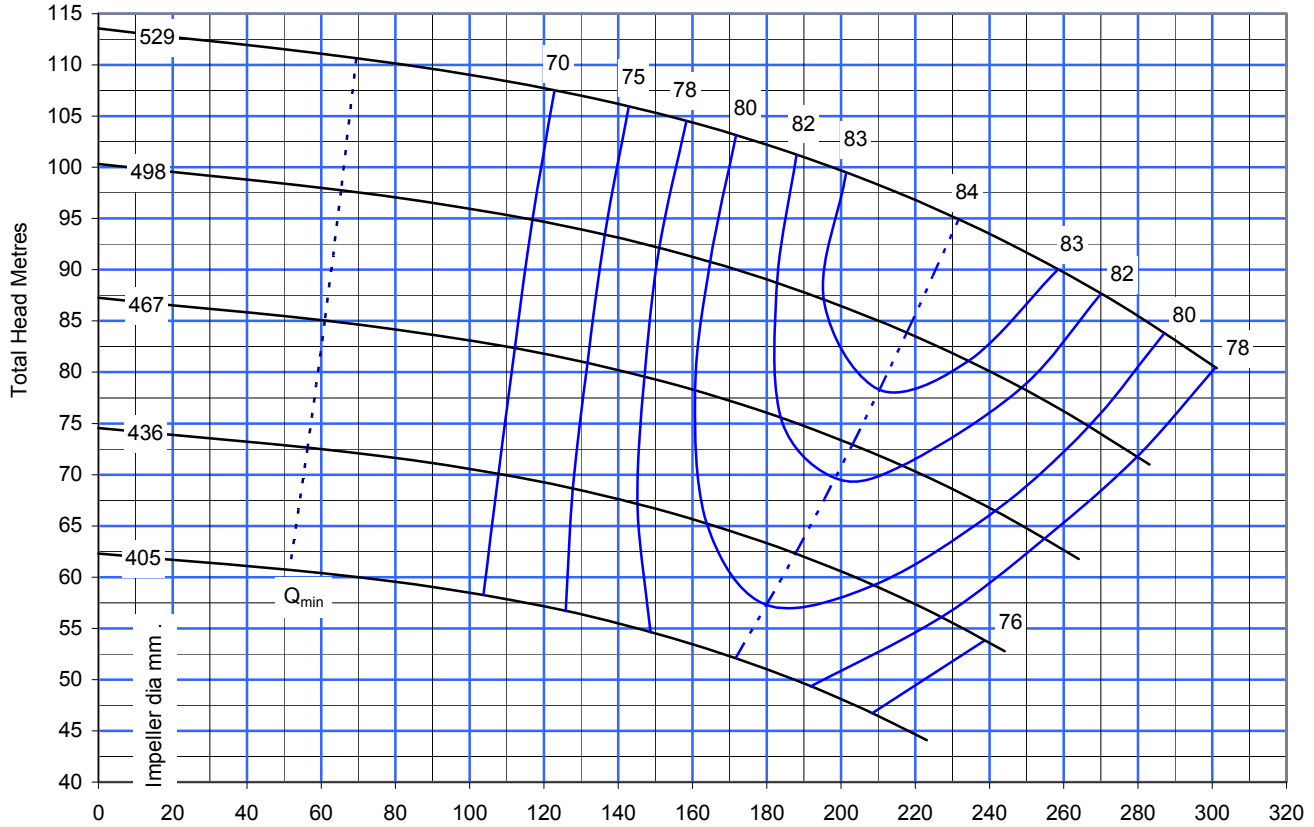
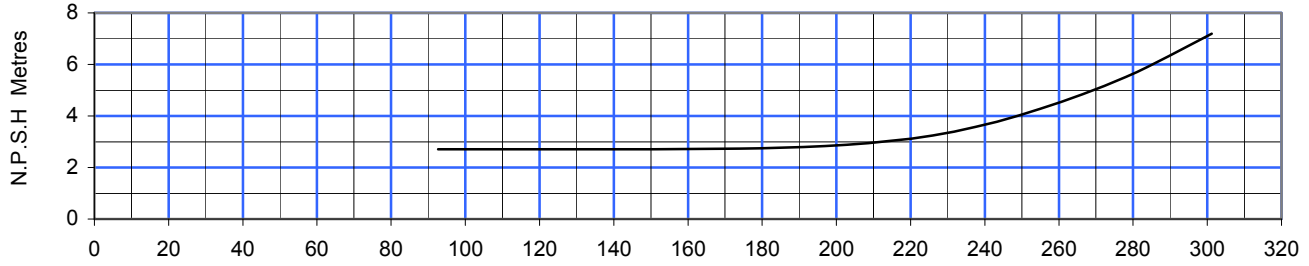
SUCTION DIA <b>200</b>	DISCHARGE DIA <b>150</b>	MAX PRESSURE <b>24 bar</b>	PUMP MODEL <b>HT 150-560</b>	SPEED <b>1480</b>
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SUCTION DIA <b>250</b>	DISCHARGE DIA <b>200</b>	MAX PRESSURE <b>16 bar</b>	PUMP MODEL <b>HT 200-340</b>	SPEED <b>1480</b>
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SUCTION DIA <b>250</b>	DISCHARGE DIA <b>200</b>	MAX PRESSURE <b>16 bar</b>	PUMP MODEL <b>HT 200-420</b>	SPEED <b>1480</b>
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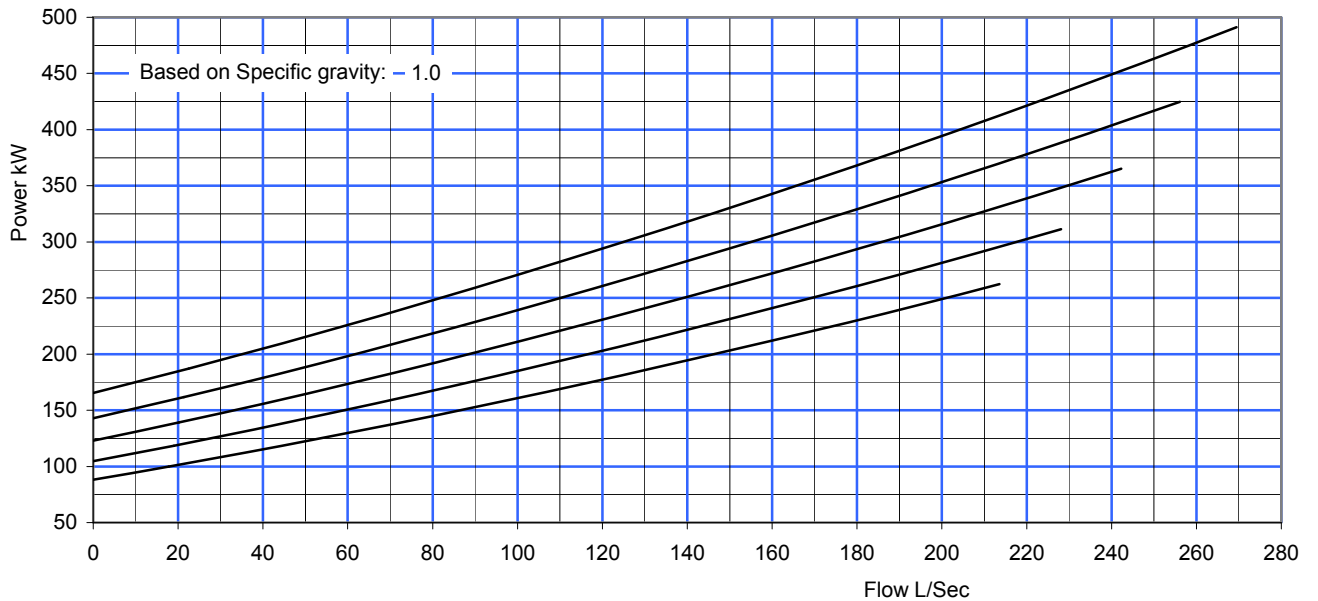
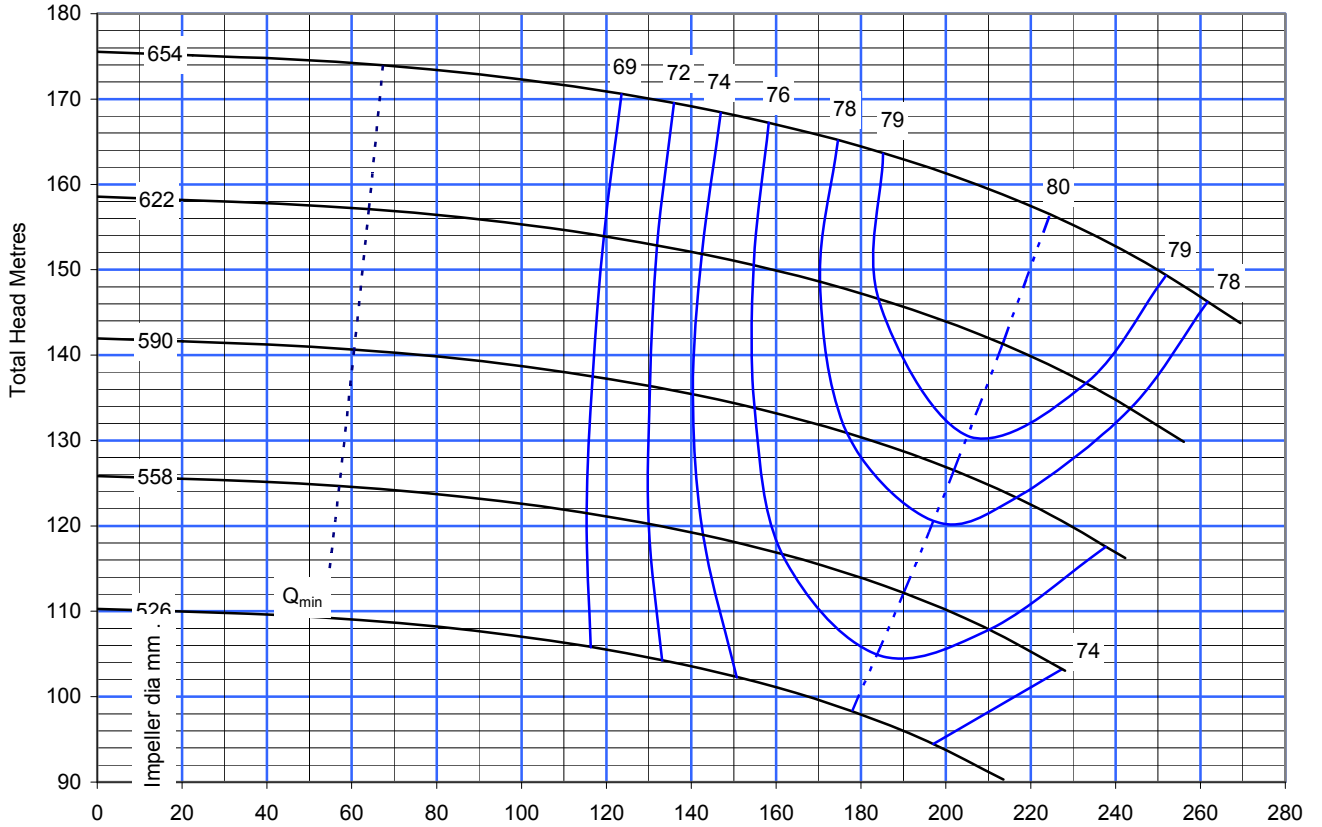
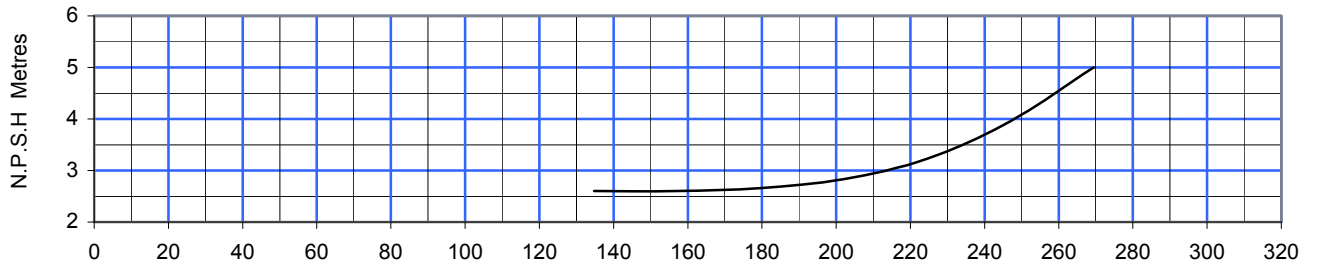


SUCTION DIA <b>250</b>	DISCHARGE DIA <b>200</b>	MAX PRESSURE <b>16 bar</b>	PUMP MODEL <b>HT 200-530</b>	SPEED <b>1480</b>
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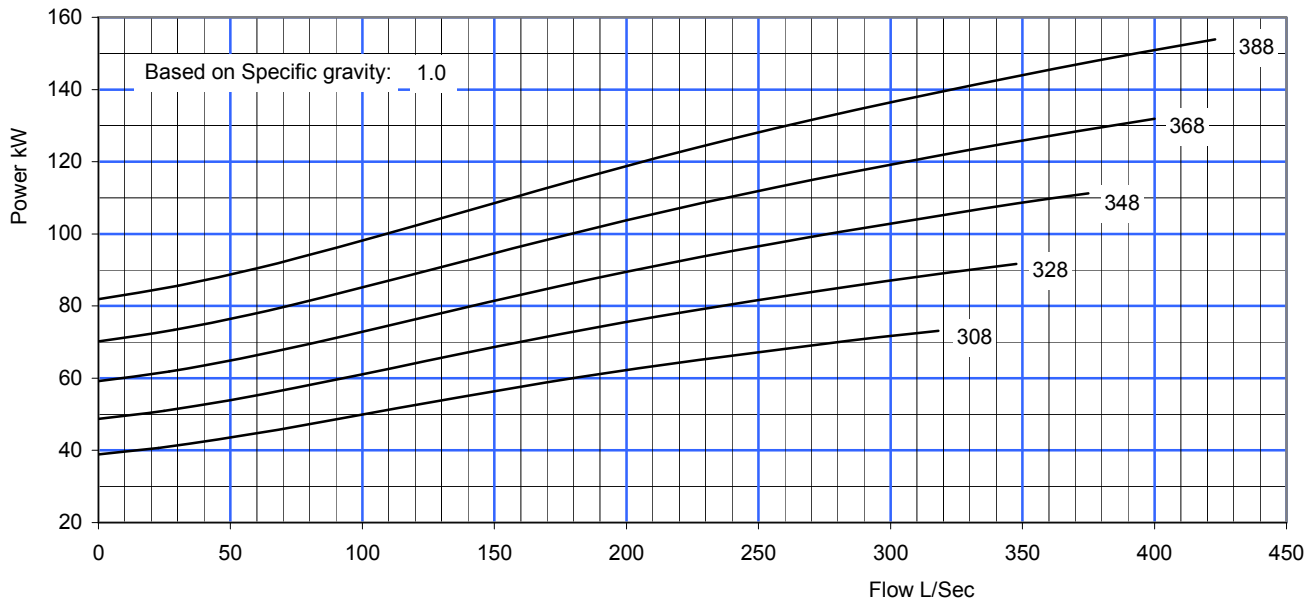
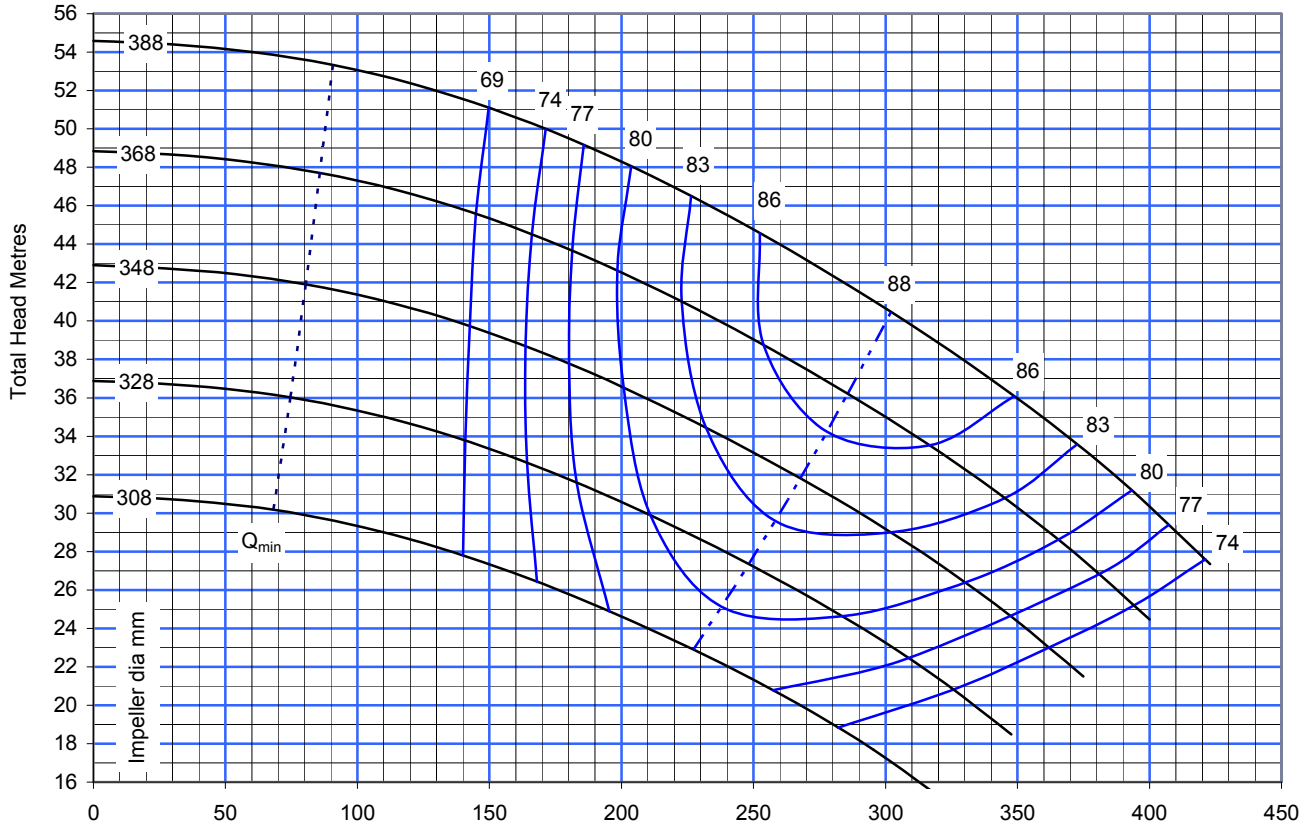
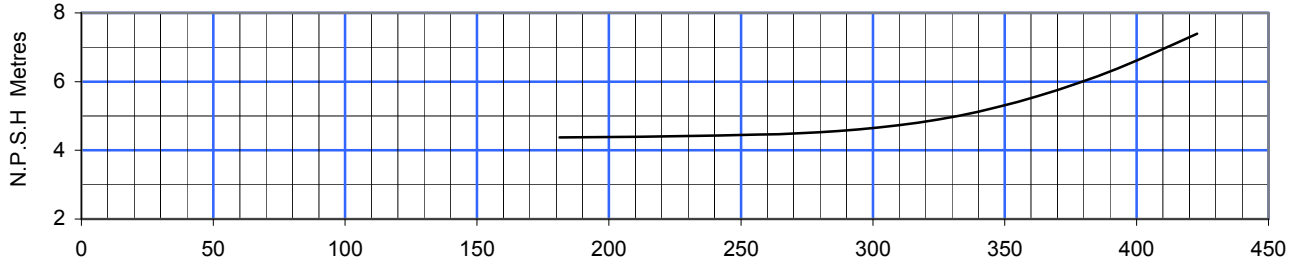
Pump Performance curve to ISO2858C

HORIZONTAL AND VERTICAL SPLIT CASING DOUBLE SUCTION PUMP

**APEXPUMPS**



SUCTION DIA <b>250</b>	DISCHARGE DIA <b>200</b>	MAX PRESSURE <b>16 bar</b>	PUMP MODEL <b>HT 200-660</b>	SPEED <b>1480</b>
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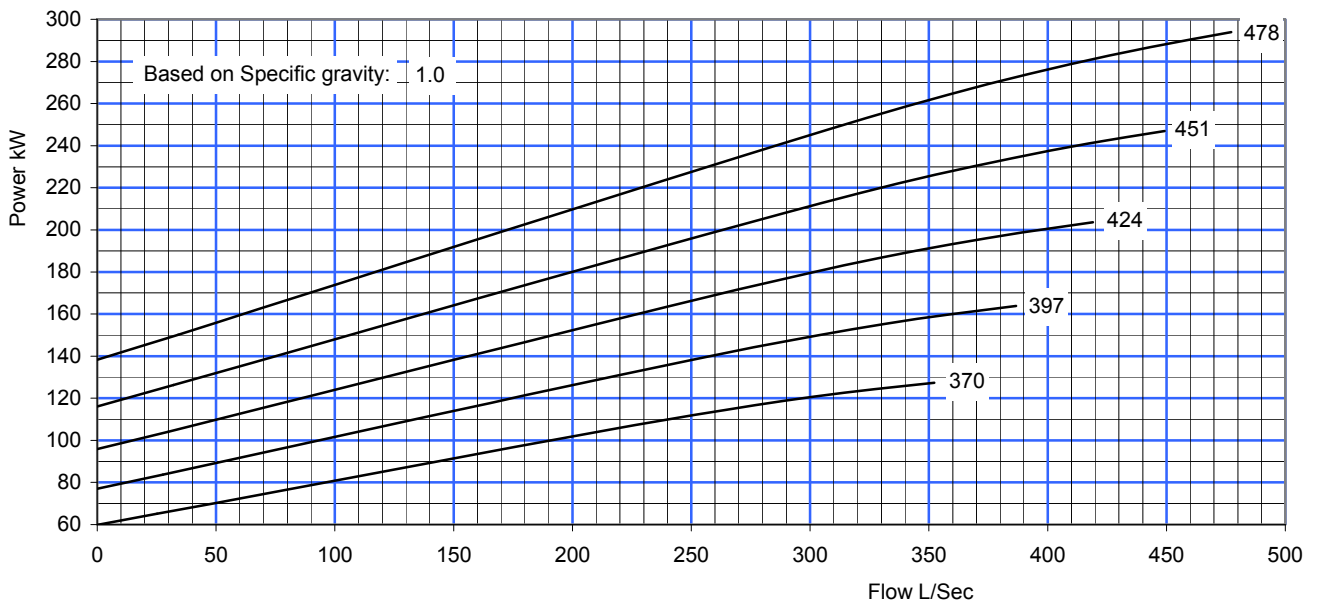
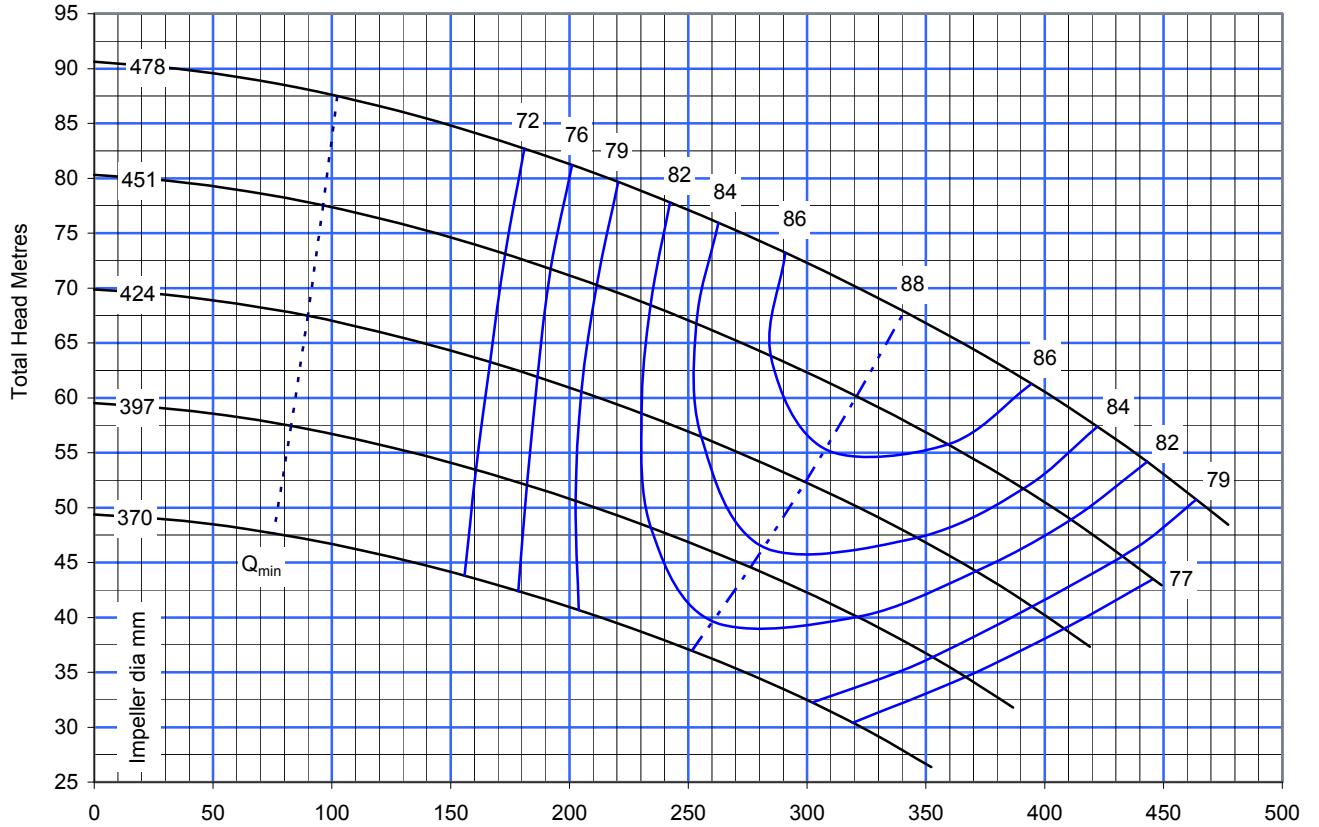
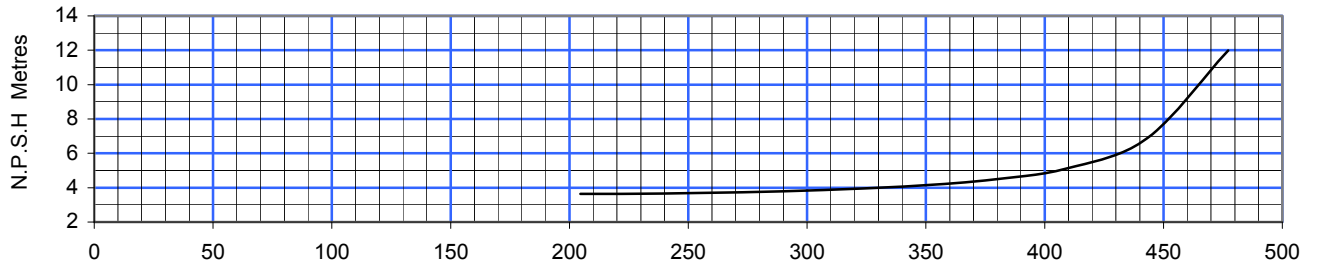
SUCTION DIA <b>300</b>	DISCHARGE DIA <b>250</b>	MAX PRESSURE <b>10 bar</b>	PUMP MODEL <b>HT 250-390</b>	SPEED <b>1480</b>
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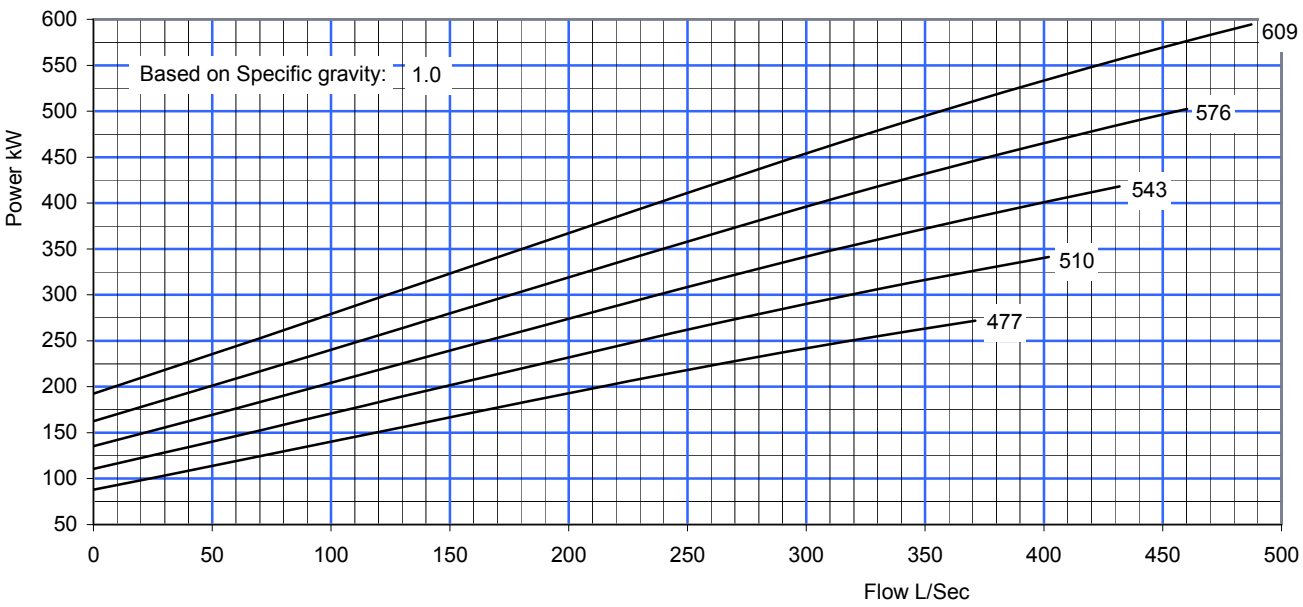
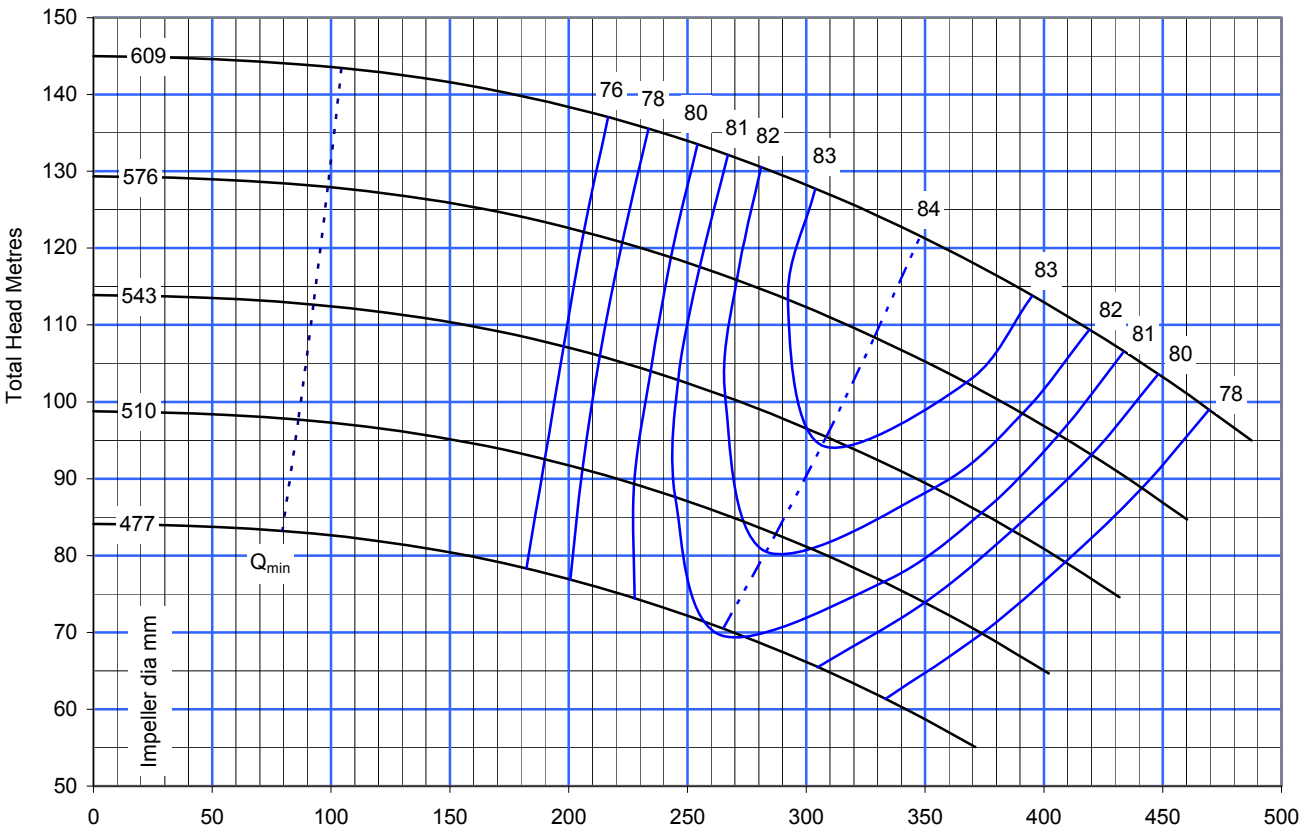
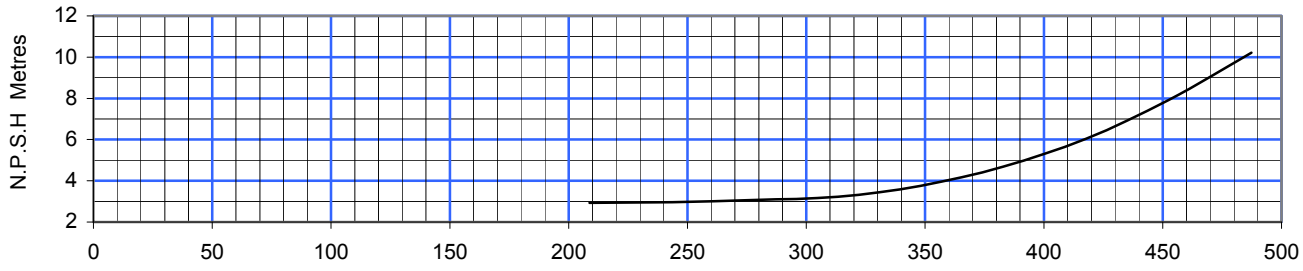
Pump Performance curve to ISO2858C

HORIZONTAL AND VERTICAL SPLIT CASING DOUBLE SUCTION PUMP

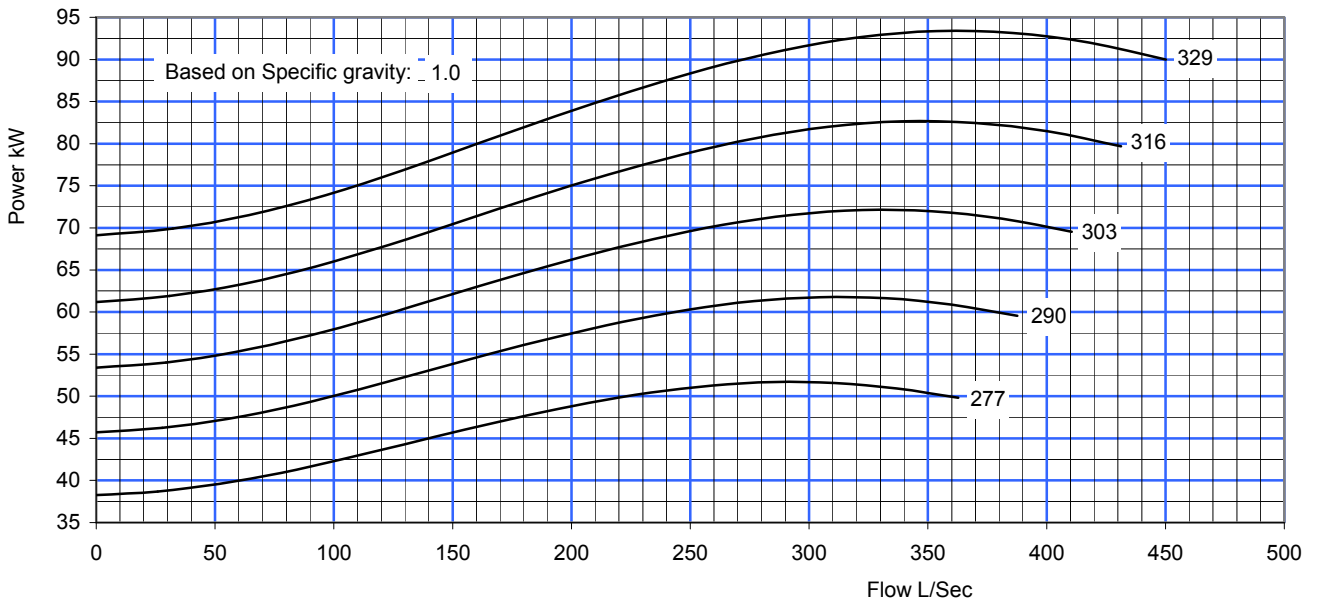
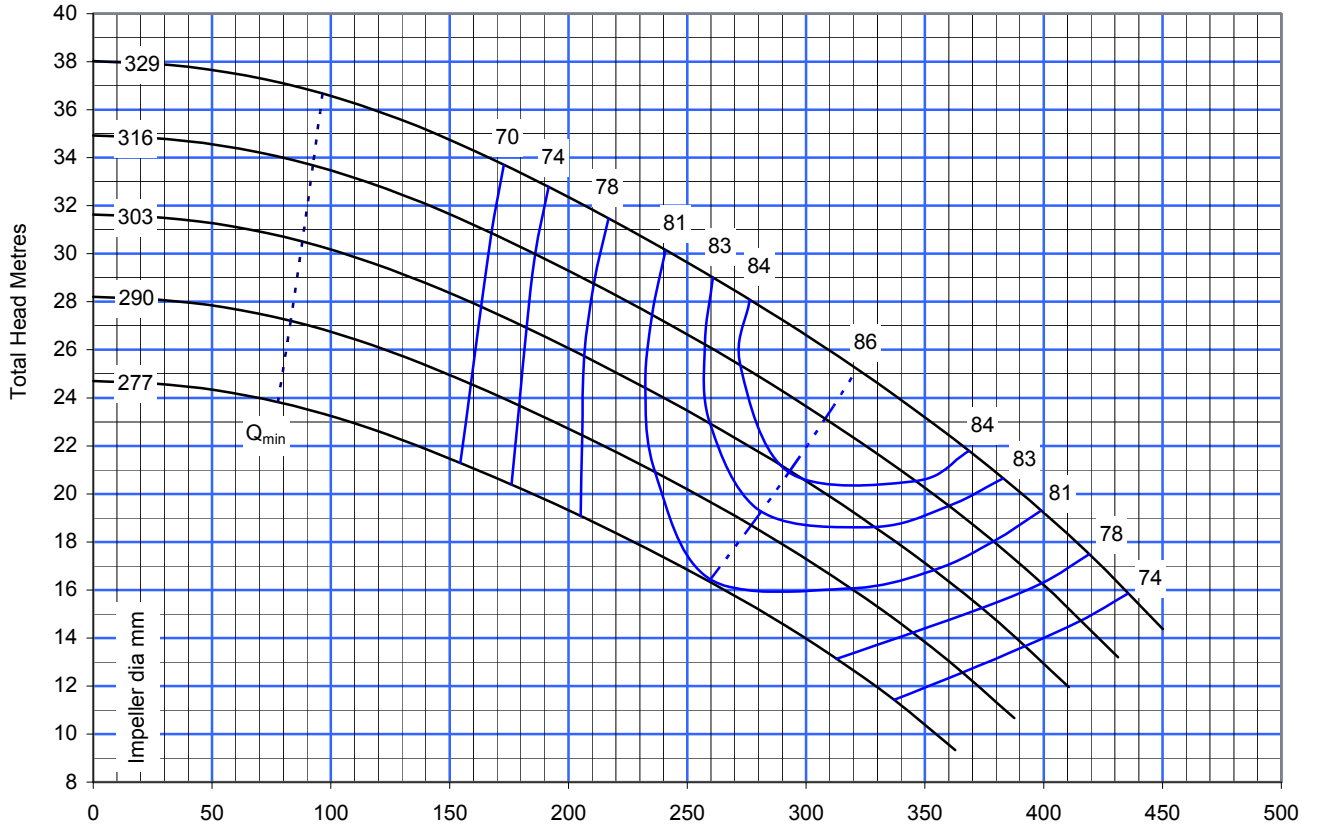
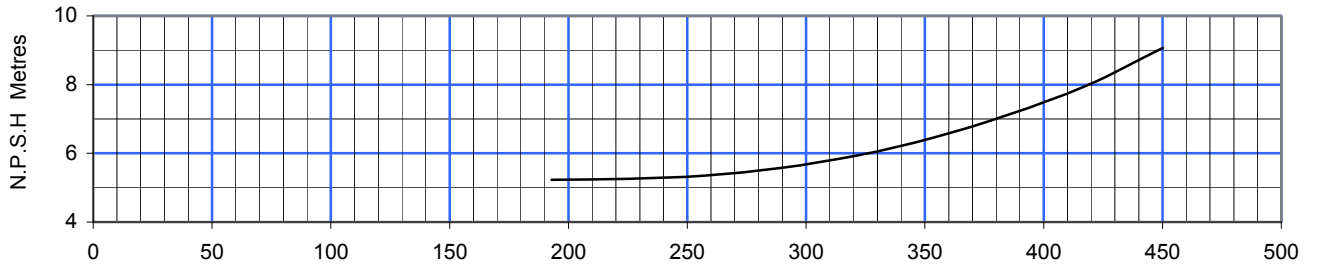
**APEXPUMPS**



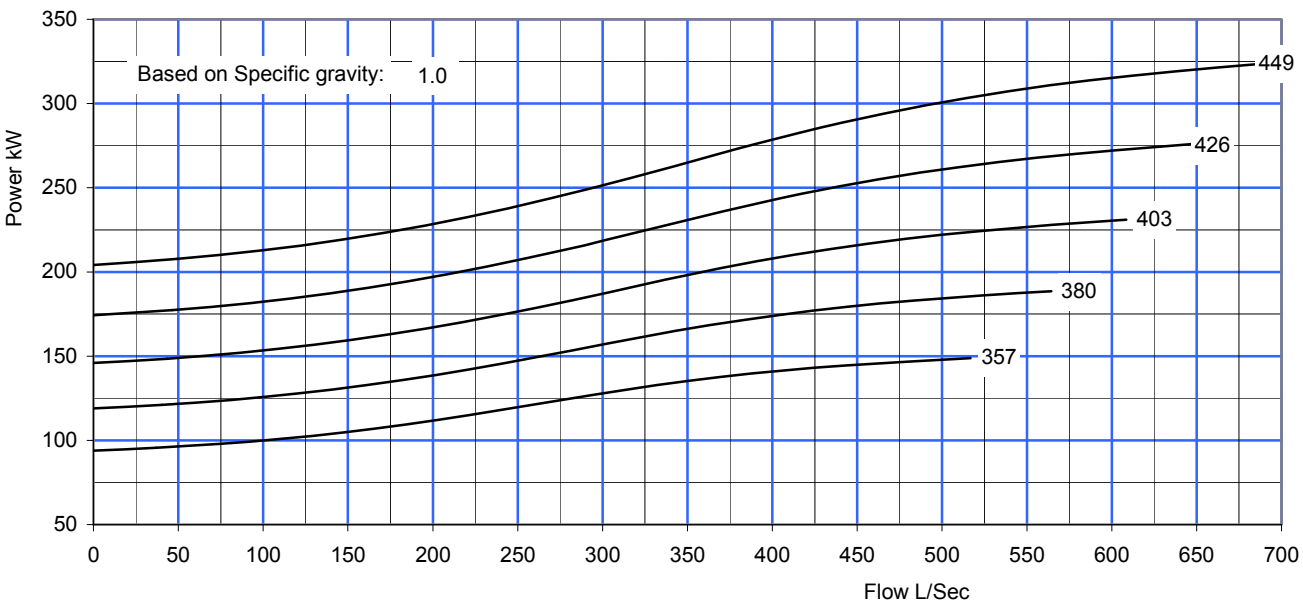
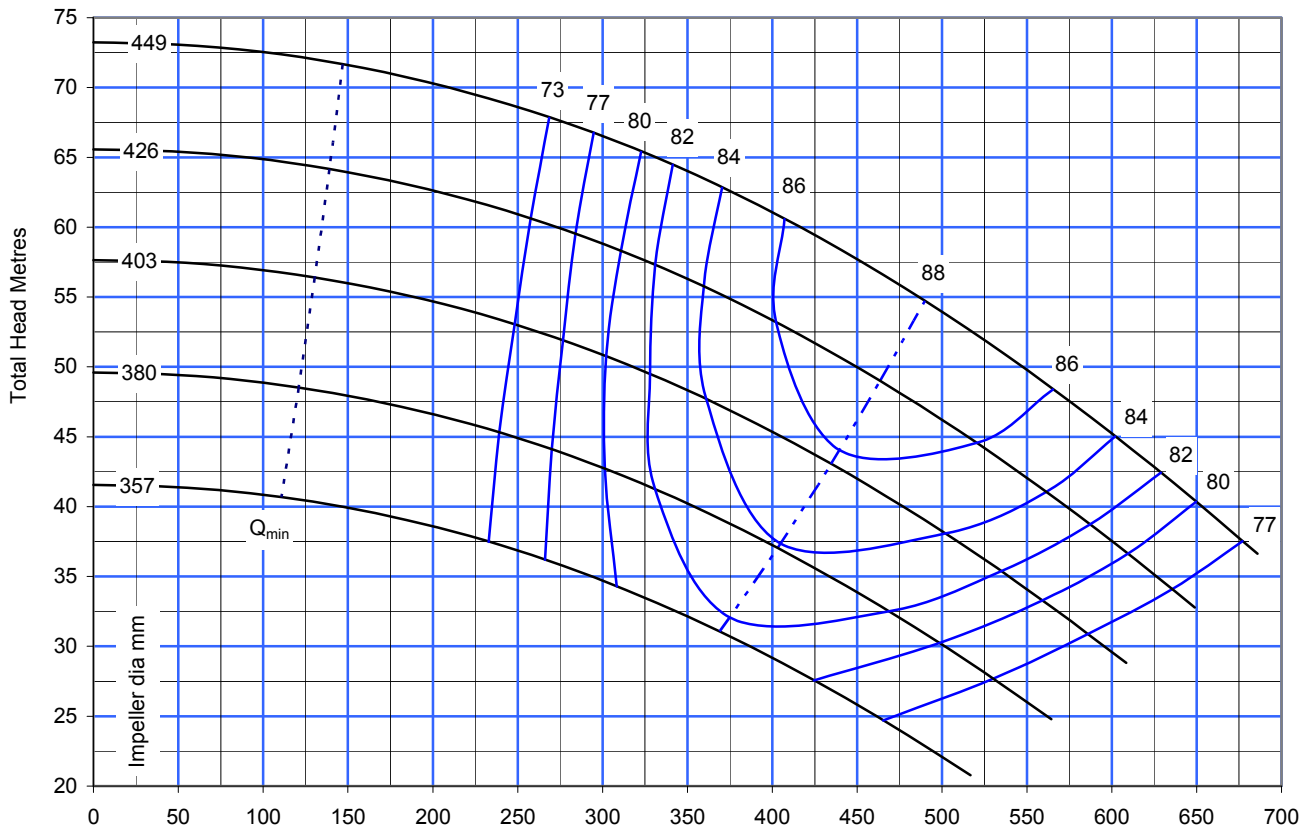
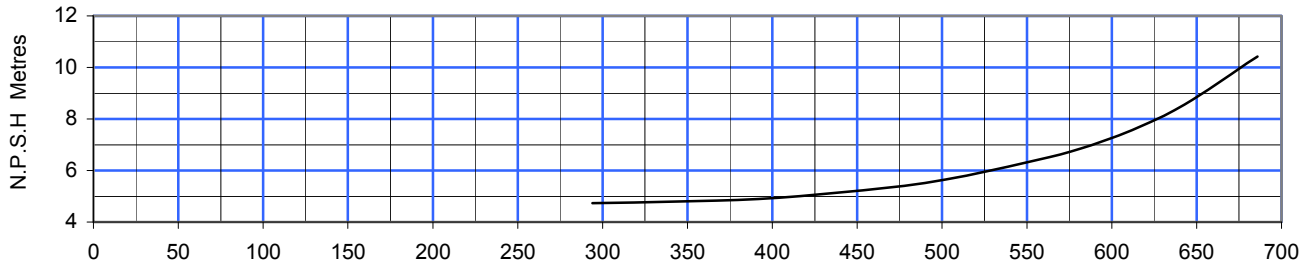
SUCTION DIA <b>300</b>	DISCHARGE DIA <b>250</b>	MAX PRESSURE <b>16 bar</b>	PUMP MODEL <b>HT 250-480</b>	SPEED <b>1480</b>
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SUCTION DIA <b>300</b>	DISCHARGE DIA <b>250</b>	MAX PRESSURE <b>24 bar</b>	PUMP MODEL <b>HT 250-610</b>	SPEED <b>1480</b>
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SUCTION DIA <b>350</b>	DISCHARGE DIA <b>300</b>	MAX PRESSURE <b>10 bar</b>	PUMP MODEL <b>HT 300-330</b>	SPEED <b>1480</b>
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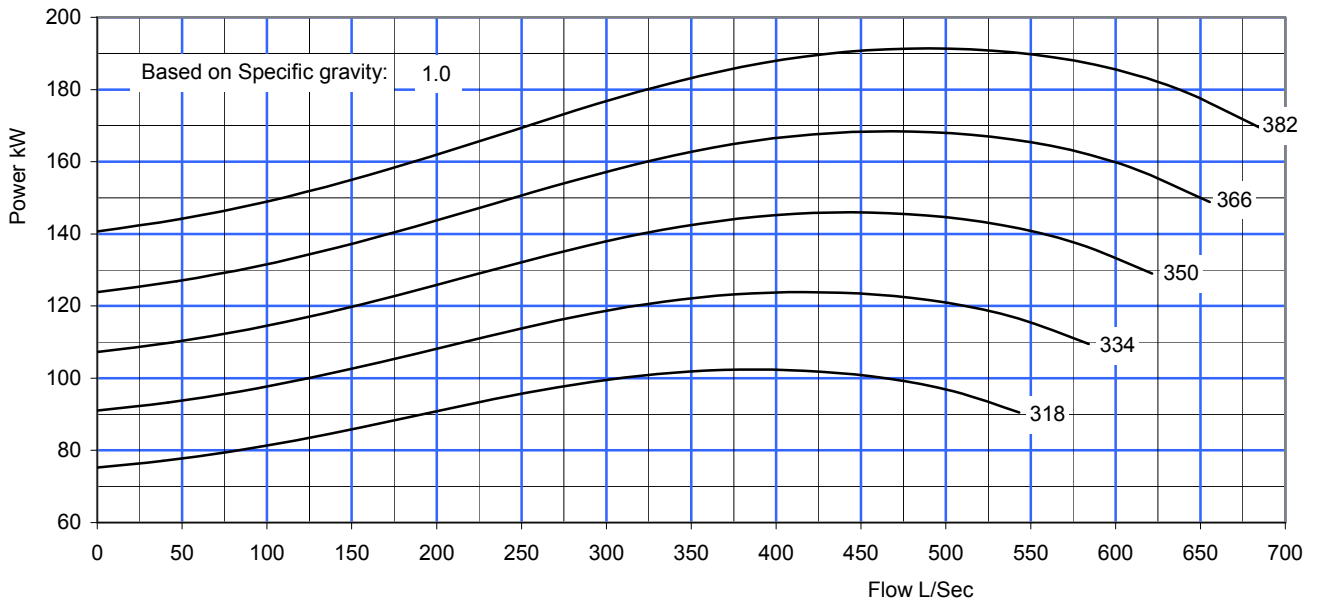
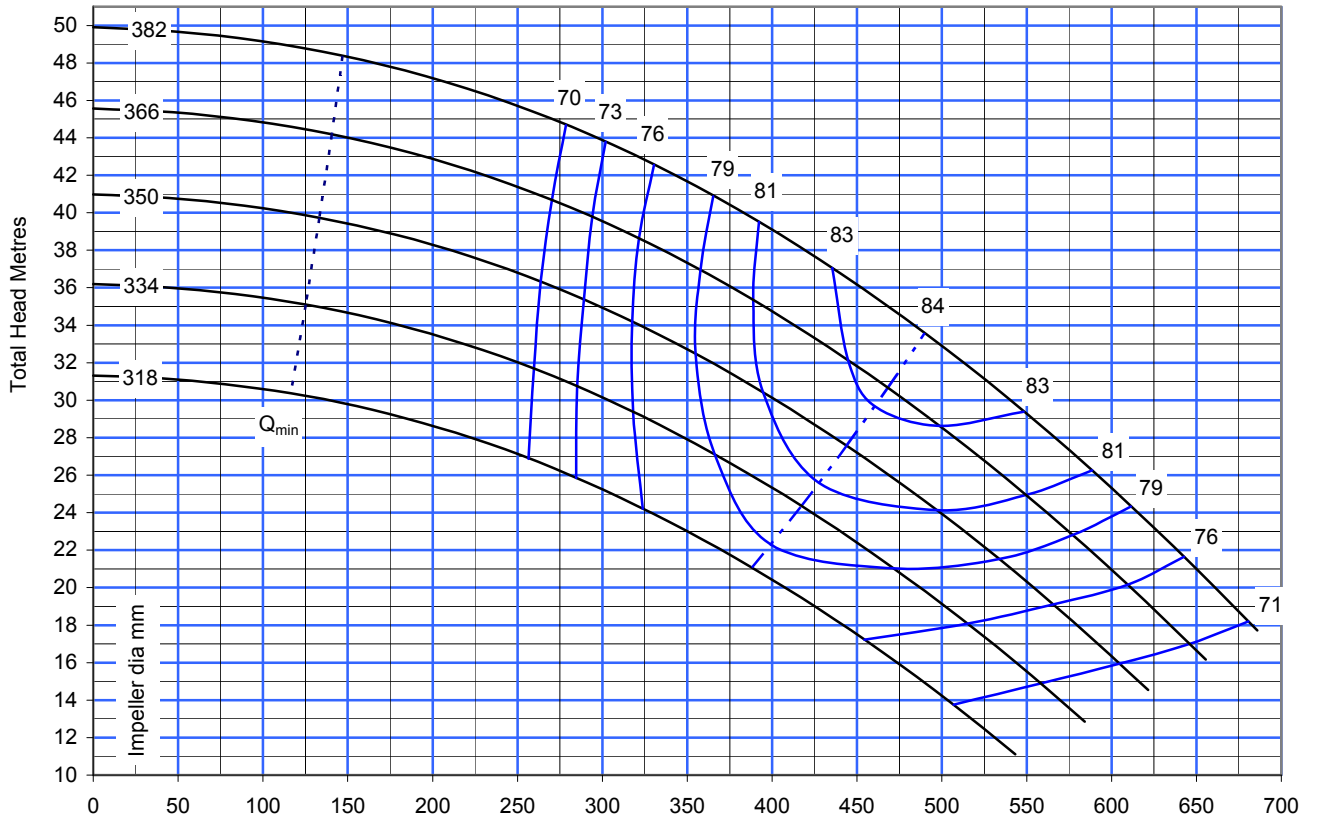
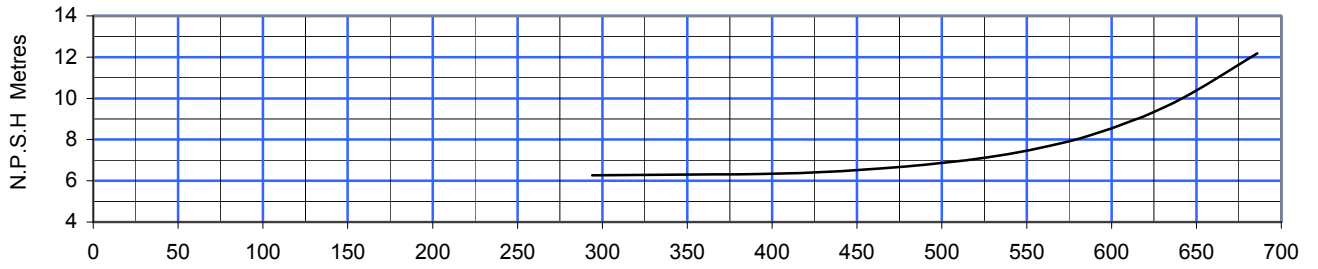


SUCTION DIA <b>400</b>	DISCHARGE DIA <b>300</b>	MAX PRESSURE <b>10 bar</b>	PUMP MODEL <b>HT 300-450</b>	SPEED <b>1480</b>
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Pump Performance curve to ISO2858C

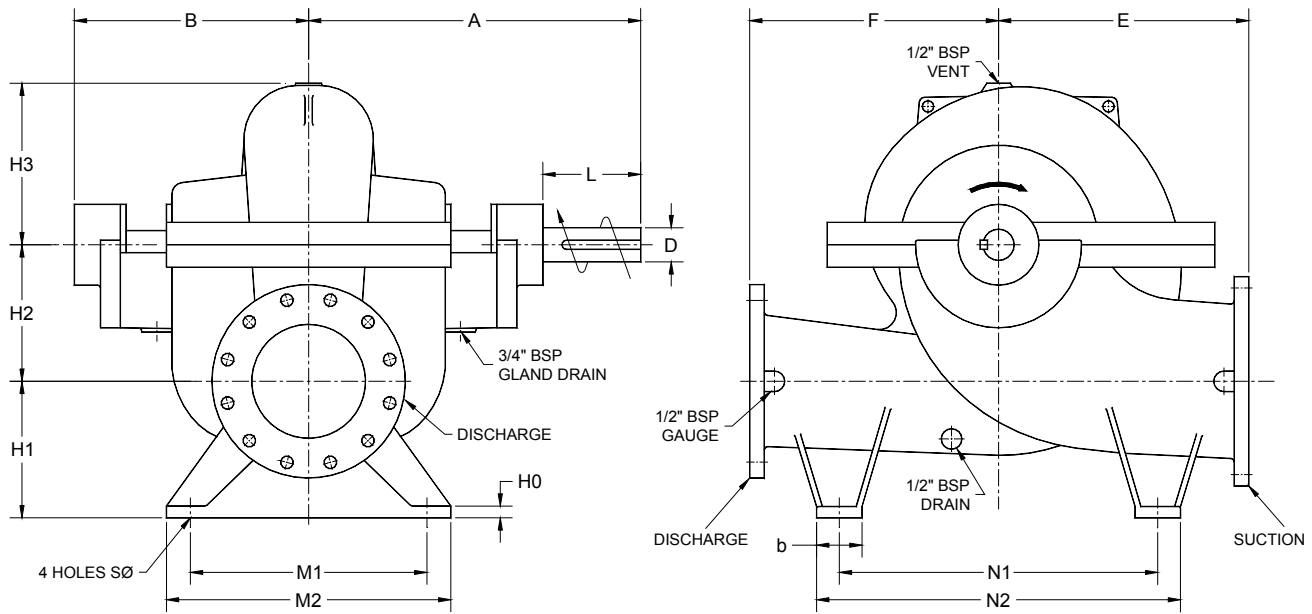
HORIZONTAL AND VERTICAL SPLIT CASING DOUBLE SUCTION PUMP

**APEXPUMPS**



SUCTION DIA <b>400</b>	DISCHARGE DIA <b>350</b>	MAX PRESSURE <b>10 bar</b>	PUMP MODEL <b>HT 350-390</b>	SPEED <b>1480</b>
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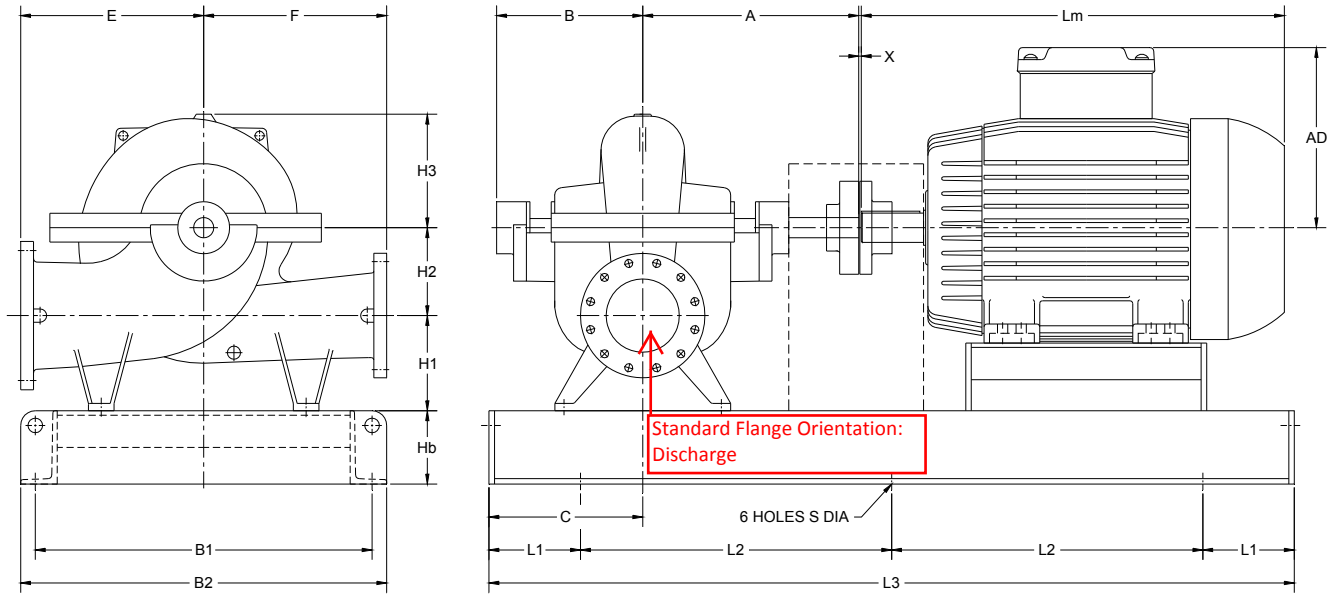
# Horizontal Bareshaft pump dimensions



Model	Shaft group	Flanges		Pump dimensions								Foot dimensions					Shaft		Mass KG
		Suction	Discharge	A	B	E	F	H0	H1	H2	H3	M1	M2	N1	N2	S	L	D	
HT80-220	1	125	80	415	300	300	300	20	175	140	168	270	320	340	410	18	80	35	185
HT 80-280	1	125	80	415	300	300	300	20	175	140	190	270	320	340	410	18	80	35	195
HT 80-350	1	125	80	415	300	330	330	20	175	140	225	270	320	340	410	18	80	35	205
HT 100-260	1	150	100	415	300	330	330	20	185	170	195	270	320	400	470	18	80	35	210
HT 100-330	1	150	100	415	300	330	330	20	185	170	225	270	320	400	470	18	80	35	225
HT 100-410	1	150	100	415	300	370	370	20	185	170	260	270	320	400	470	18	80	35	245
HT 125-250	2	200	125	515	366	370	370	20	200	200	210	340	390	450	520	18	100	45	250
HT 125-300	2	200	125	515	366	370	370	20	200	200	230	340	390	450	520	18	100	45	275
HT 125-390	2	200	125	515	366	370	370	20	200	200	260	340	390	450	520	18	100	45	300
HT 125-480	2	200	125	515	366	450	450	20	200	200	305	340	390	560	630	18	100	45	335
HT 150-290	2	200	150	515	366	400	400	20	200	200	245	340	390	450	520	18	100	45	350
HT 150-360	2	200	150	515	366	400	400	20	200	200	265	340	390	450	520	18	100	45	360
HT 150-460	3	200	150	590	399	450	450	20	200	200	305	430	480	560	630	18	125	55	440
HT 150-560	3	200	150	590	399	600	500	20	200	300	370	430	480	700	770	18	125	55	650
HT 200-340	3	250	200	590	399	450	450	20	260	240	285	430	480	560	630	18	125	55	450
HT 200-420	3	250	200	590	399	500	500	20	260	240	310	430	480	560	630	18	125	55	520
HT 200-530	4	250	200	655	464	600	500	26	260	300	370	430	480	700	770	18	140	65	840
HT 200-660	4	250	200	655	464	650	550	26	250	350	430	400	480	700	800	22	140	65	990
HT 250-390	4	300	250	655	464	500	500	26	300	300	320	400	480	700	800	22	140	65	665
HT 250-480	5	300	250	730	515	550	550	26	300	300	355	520	600	700	800	22	160	75	830
HT 250-610	5	300	250	730	515	650	550	26	280	350	415	520	600	700	800	22	160	75	1215
HT 300-330	4	350	300	655	464	550	500	26	330	300	360	400	480	700	800	22	140	65	630
HT 300-450	5	400	300	730	515	650	550	26	320	350	365	520	600	700	800	22	160	75	905
HT 350-390	5	400	350	730	515	650	550	26	320	350	410	520	600	700	800	22	160	75	865

## 2 pole Horizontal pumpset dimensions

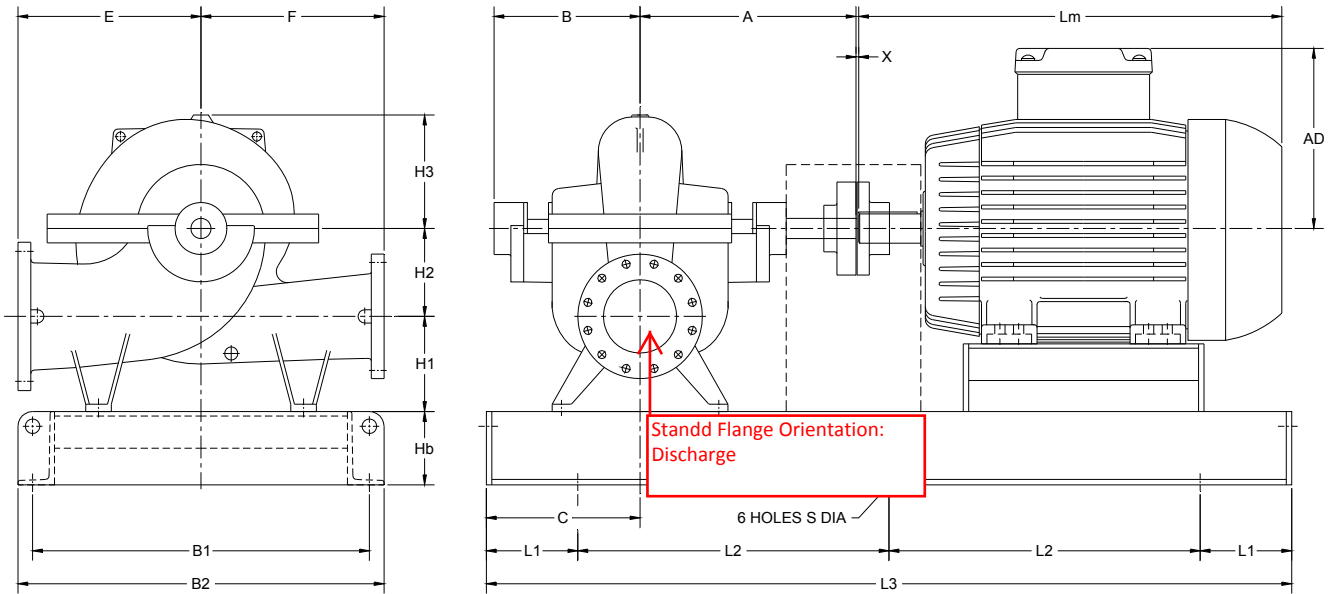
All baseplate dimension shown in maximum requirement, it can be adjusted by local distributor without any notification.



Model	Motor kW	Motor Frame	Flanges		Pump dimensions							Bedplate dimensions							Motor		Mass KG	
			In	Out	A	B	E	F	H1	H2	H3	Hb	C	L1	L2	L3	B1	B2	S	Lm		AD
80-200	22	180M	125	80	415	300	300	300	175	140	168	100	300	200	500	1400	550	610	20	664	270	530
	30	200L	125	80	415	300	300	300	175	140	168	150	300	200	550	1500	630	710	25	767	294	685
	37	200L	125	80	415	300	300	300	175	140	168	150	300	200	550	1500	630	710	25	767	294	700
80-280	37	200L	125	80	415	300	300	300	175	140	190	150	300	200	550	1500	630	710	25	767	294	710
	45	225S/M	125	80	415	300	300	300	175	140	190	150	300	200	600	1600	630	710	25	817	368	835
	55	250S/M	125	80	415	300	300	300	175	140	190	150	300	200	650	1700	630	710	25	923	368	900
	75	250S/M	125	80	415	300	300	300	175	140	190	200	300	200	650	1700	690	810	30	923	368	1005
100-260	45	225S/M	150	100	415	300	330	330	185	170	195	150	300	200	600	1600	690	770	25	817	368	850
	55	250S/M	150	100	415	300	330	330	185	170	195	150	300	200	650	1700	690	770	25	923	368	915
	75	250S/M	150	100	415	300	330	330	185	170	195	200	300	200	650	1700	750	870	30	923	368	1020
	90	280S/M	150	100	415	300	330	330	185	170	195	200	300	200	700	1800	750	870	30	1036	463	1255
100-330	90	280S/M	150	100	415	300	330	330	185	170	225	200	300	200	700	1800	750	870	30	1036	463	1270
	110	280S/M	150	100	415	300	330	330	185	170	225	200	300	200	700	1800	750	870	30	1036	463	1305
	132	280S/M	150	100	415	300	330	330	185	170	225	200	300	200	700	1800	750	870	30	1036	463	1420
	160	315S/M	150	100	415	300	330	330	185	170	225	200	300	200	750	1900	750	870	30	1126	492	1555
	185	315S/M	150	100	415	300	330	330	185	170	225	200	300	200	750	1900	750	870	30	1126	492	1555
125-250	55	250S/M	200	125	515	366	370	370	200	200	210	150	400	270	680	1900	740	820	20	923	368	955
	75	250S/M	200	125	515	366	370	370	200	200	210	200	400	270	680	1900	800	920	30	923	368	1060
	90	280S/M	200	125	515	366	370	370	200	200	210	200	400	270	730	2000	800	920	30	1036	463	1295
	110	280S/M	200	125	515	366	370	370	200	200	210	200	400	270	730	2000	800	920	30	1036	463	1330
125-300	90	280S/M	200	125	515	366	370	370	200	200	230	200	400	270	730	2000	800	920	30	1036	463	1320
	110	280S/M	200	125	515	366	370	370	200	200	230	200	400	270	730	2000	800	920	30	1036	463	1355
	132	280S/M	200	125	515	366	370	370	200	200	230	200	400	270	730	2000	800	920	30	1036	463	1470
	160	315S/M	200	125	515	366	370	370	200	200	230	200	400	270	780	2100	800	920	30	1126	492	1605
	185	315S/M	200	125	515	366	370	370	200	200	230	200	400	270	780	2100	800	920	30	1126	492	1605
	200	315S/M	200	125	515	366	370	370	200	200	230	200	400	270	780	2100	800	920	30	1126	492	1605
220	315B	200	125	515	366	370	370	200	200	230	200	400	270	930	2400	800	920	30	1500	545	2075	

## 4 pole Horizontal pumpset dimensions

All baseplate dimension shown in maximum requirement, it can be adjusted by local distributor without any notification.

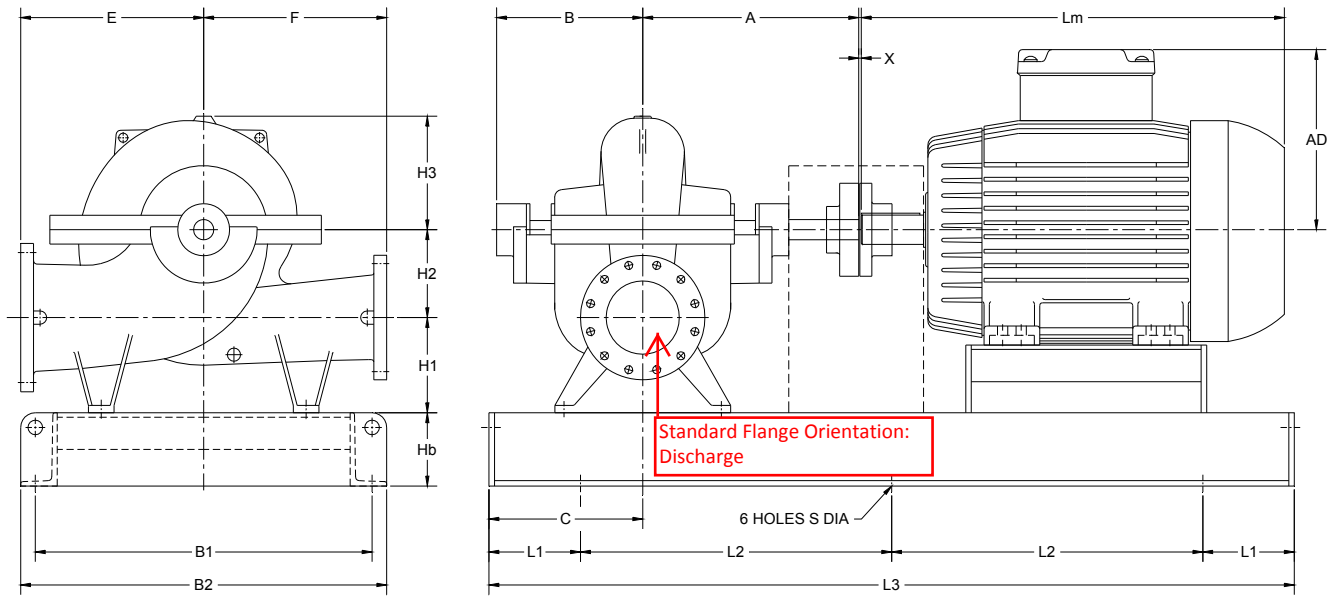


Model	Motor kW	Motor Frame	Flanges		Pump dimensions							Bedplate dimensions							Motor		Mass KG	
			In	Out	A	B	E	F	H1	H2	H3	Hb	C	L1	L2	L3	B1	B2	S	Lm		AD
80-200	3	100L	125	80	415	300	300	300	175	140	168	100	300	200	350	1100	550	610	20	376	160	392
	4	112M	125	80	415	300	300	300	175	140	168	100	300	200	400	1200	550	610	20	393	180	404
	5.5	132S	125	80	415	300	300	300	175	140	168	100	300	200	400	1200	550	610	20	452	207	418
80-280	5.5	132S	125	80	415	300	300	300	175	140	190	100	300	200	400	1200	550	610	20	452	207	428
	7.5	132M	125	80	415	300	300	300	175	140	190	100	300	200	450	1300	550	610	20	490	207	436
	11	160M	125	80	415	300	300	300	175	140	190	100	300	200	500	1400	550	610	20	598	250	475
80-350	11	160M	125	80	415	300	330	330	175	140	225	100	300	200	500	1400	550	610	20	598	250	485
	15	160L	125	80	415	300	330	330	175	140	225	100	300	200	500	1400	550	610	20	642	250	496
	18.5	180M	125	80	415	300	330	330	175	140	225	100	300	200	500	1400	550	610	20	664	270	540
100-260	5.5	132S	150	100	415	300	330	330	185	170	195	100	300	200	400	1200	610	670	20	452	207	443
	7.5	132M	150	100	415	300	330	330	185	170	195	100	300	200	450	1300	610	670	20	490	207	451
	11	160M	150	100	415	300	330	330	185	170	195	100	300	200	500	1400	610	670	20	598	250	490
100-330	15	160L	150	100	415	300	330	330	185	170	225	100	300	200	500	1400	610	670	20	642	250	516
	18.5	180M	150	100	415	300	330	330	185	170	225	100	300	200	500	1400	610	670	20	664	270	560
	22	180L	150	100	415	300	330	330	185	170	225	100	300	200	550	1500	610	670	20	702	270	580
100-410	30	200L	150	100	415	300	370	370	185	170	260	150	300	200	550	1500	690	770	25	767	294	740
	37	200L	150	100	415	300	370	370	185	170	260	150	300	200	550	1500	690	770	25	767	294	830
	45	225S/M	150	100	415	300	370	370	185	170	260	150	300	200	600	1600	690	770	25	847	368	880
125-250	7.5	132M	200	125	515	366	370	370	200	200	210	100	400	270	430	1400	660	720	20	490	207	491
	11	160M	200	125	515	366	370	370	200	200	210	100	400	270	480	1500	660	720	20	598	250	530
	15	160L	200	125	515	366	370	370	200	200	210	100	400	270	530	1600	660	720	20	642	250	541
125-300	15	160L	200	125	515	366	370	370	200	200	230	100	400	270	530	1600	660	720	20	642	250	566
	18.5	180M	200	125	515	366	370	370	200	200	230	100	400	270	530	1600	660	720	20	664	270	610
	22	180L	200	125	515	366	370	370	200	200	230	100	400	270	530	1600	660	720	20	702	270	630
	30	200L	200	125	515	366	370	370	200	200	230	150	400	270	580	1700	740	820	25	767	294	770
125-390	30	200L	200	125	515	366	370	370	200	200	260	150	400	270	580	1700	740	820	25	767	294	795
	37	200L	200	125	515	366	370	370	200	200	260	150	400	270	580	1700	740	820	25	767	294	885
	45	225S/M	200	125	515	366	370	370	200	200	260	150	400	270	630	1800	740	820	25	847	368	935
	55	225S/M	200	125	515	366	370	370	200	200	260	150	400	270	630	1800	740	820	25	847	368	1003
	75	250S/M	200	125	515	366	370	370	200	200	260	150	400	270	680	1900	740	820	25	923	368	1065
125-480	75	250S/M	200	125	515	366	450	450	200	200	305	200	400	270	680	1900	910	1030	30	923	368	1185
	90	280S/M	200	125	515	366	450	450	200	200	305	200	400	270	730	2000	910	1030	30	1036	463	1470
	110	280S/M	200	125	515	366	450	450	200	200	305	200	400	270	730	2000	910	1030	30	1036	463	1455



# 4 pole Horizontal pumpset dimensions

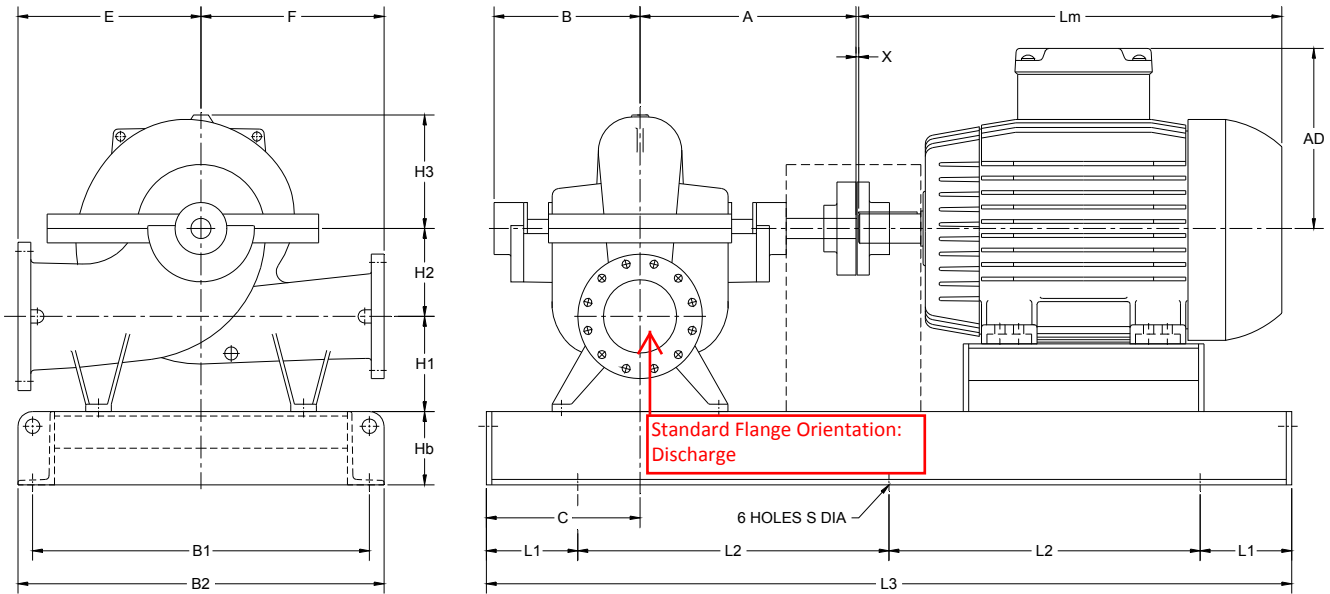
All baseplate dimension shown in maximum requirement, it can be adjusted by local distributor without any notification.



	Motor kW	Motor Frame	Flanges		Pump dimensions							Bedplate dimensions							Motor		Mass KG	
			In	Out	A	B	E	F	H1	H2	H3	Hb	C	L1	L2	L3	B1	B2	S	Lm		AD
150-290	18.5	180M	200	150	515	366	400	400	200	200	245	100	400	270	530	1600	660	720	20	664	270	685
	22	180L	200	150	515	366	400	400	200	200	245	100	400	270	530	1600	660	720	20	702	270	705
	30	200L	200	150	515	366	400	400	200	200	245	150	400	270	580	1700	740	820	25	767	294	845
	37	200L	200	150	515	366	400	400	200	200	245	150	400	270	580	1700	740	820	25	767	294	935
150-360	37	200L	200	150	515	366	400	400	200	200	265	150	400	270	580	1700	740	820	25	767	294	945
	45	225S/M	200	150	515	366	400	400	200	200	265	200	400	270	630	1800	800	920	30	847	368	1080
	55	225S/M	200	150	515	366	400	400	200	200	265	200	400	270	630	1800	800	920	30	847	368	1148
	75	250S/M	200	150	515	366	400	400	200	200	265	200	400	270	680	1900	800	920	30	923	368	1210
150-460	75	250S/M	200	150	590	399	450	450	200	200	305	200	400	270	730	2000	910	1030	30	923	368	1290
	90	280S/M	200	150	590	399	450	450	200	200	305	200	400	270	780	2100	910	1030	30	1036	463	1575
	110	280S/M	200	150	590	399	450	450	200	200	305	200	400	270	780	2100	910	1030	30	1036	463	1560
	132	280S/M	200	150	590	399	450	450	200	200	305	200	400	270	780	2100	910	1030	30	1036	463	1720
	160	315S/M	200	150	590	399	450	450	200	200	305	200	400	270	830	2200	910	1030	30	1156	492	1775
150-560	160	315S/M	200	150	590	399	600	500	200	300	370	200	400	270	830	2200	1050	1170	30	1156	492	1985
	185	315B	200	150	590	399	600	500	200	300	370	200	400	270	830	2200	1050	1170	30	1156	545	2230
	200	315B	200	150	590	399	600	500	200	300	370	200	400	270	1030	2600	1050	1170	30	1570	545	2230
	220	315B	200	150	590	399	600	500	200	300	370	200	400	270	1030	2600	1050	1170	30	1570	545	2320
	250	355M/L	200	150	590	399	600	500	200	300	370	200	400	270	980	2500	1050	1170	30	1466	680	2585
200-340	37	200L	250	200	590	399	450	450	260	240	285	200	400	270	630	1800	910	1030	30	767	294	1120
	45	225S/M	250	200	590	399	450	450	260	240	285	200	400	270	680	1900	910	1030	30	847	368	1170
	55	225S/M	250	200	590	399	450	450	260	240	285	200	400	270	680	1900	910	1030	30	847	368	1238
	75	250S/M	250	200	590	399	450	450	260	240	285	200	400	270	730	2000	910	1030	30	923	368	1300
200-420	75	250S/M	250	200	590	399	500	500	260	240	310	200	400	270	730	2000	910	1030	30	923	368	1370
	90	280S/M	250	200	590	399	500	500	260	240	310	200	400	270	780	2100	910	1030	30	1036	463	1655
	110	280S/M	250	200	590	399	500	500	260	240	310	200	400	270	780	2100	910	1030	30	1036	463	1640
	132	280S/M	250	200	590	399	500	500	260	240	310	200	400	270	780	2100	910	1030	30	1036	463	1800
	160	315S/M	250	200	590	399	500	500	260	240	310	200	400	270	830	2200	910	1030	30	1156	492	1855
200-530	160	315S/M	250	200	655	464	600	500	260	300	370	200	500	330	820	2300	1050	1170	30	1156	492	2175
	185	315B	250	200	655	464	600	500	260	300	370	200	500	330	820	2300	1050	1170	30	1156	545	2420
	200	315B	250	200	655	464	600	500	260	300	370	200	500	330	1020	2700	1050	1170	30	1570	545	2420
	220	315B	250	200	655	464	600	500	260	300	370	200	500	330	1020	2700	1050	1170	30	1570	545	2510
	250	355M/L	250	200	655	464	600	500	260	300	370	200	500	330	970	2600	1050	1170	30	1466	680	2775
	300	355M/L	250	200	655	464	600	500	260	300	370	200	500	330	970	2600	1050	1170	30	1466	680	2950

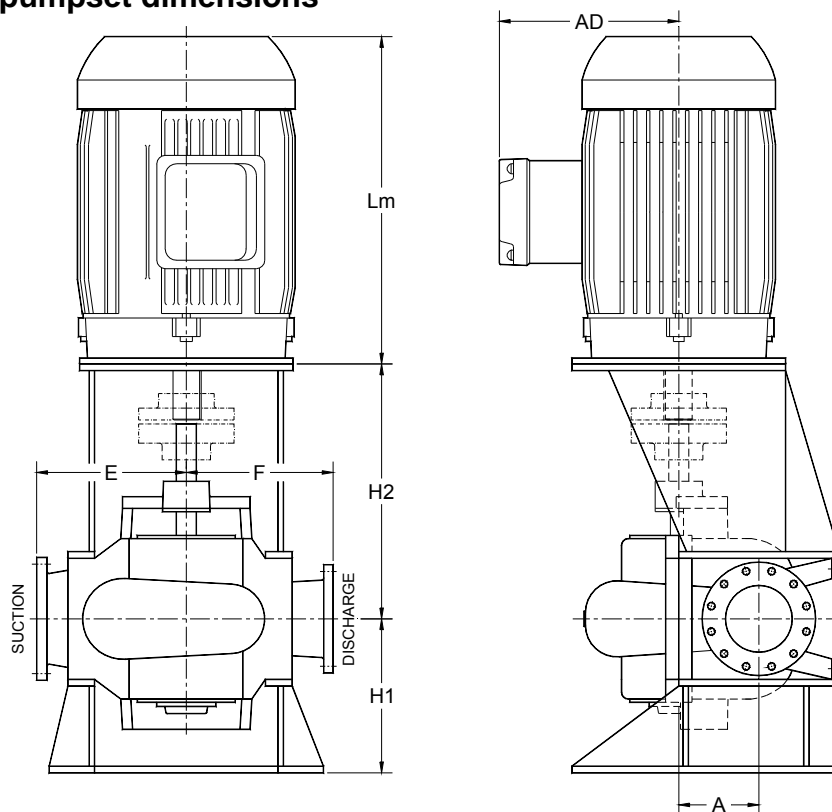
## 4 pole Horizontal pumpset dimensions

All baseplate dimension shown in maximum requirement, it can be adjusted by local distributor without any notification.



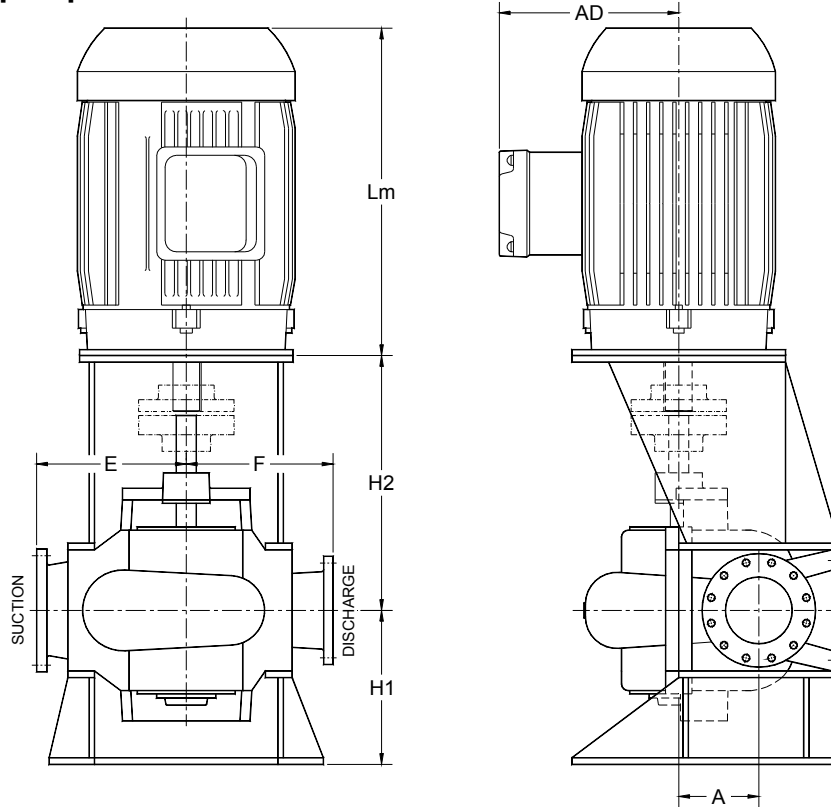
Model	Motor kW	Motor Frame	Flanges		Pump dimensions							Bedplate dimensions							Motor		Mass KG	
			In	Out	A	B	E	F	H1	H2	H3	Hb	C	L1	L2	L3	B1	B2	S	Lm		AD
200-660	300	355M/L	250	200	655	464	650	550	250	350	430	200	500	330	970	2600	1080	1200	30	1466	680	3100
	330	355M/L	250	200	655	464	650	550	250	350	430	200	500	330	970	2600	1080	1200	30	1466	680	3195
250-390	90	280S/M	300	250	655	464	500	500	300	300	320	200	500	330	770	2200	1080	1200	30	1036	463	1800
	110	280S/M	300	250	655	464	500	500	300	300	320	200	500	330	770	2200	1080	1200	30	1036	463	1785
	132	280S/M	300	250	655	464	500	500	300	300	320	200	500	330	770	2200	1080	1200	30	1036	463	1945
	160	315S/M	300	250	655	464	500	500	300	300	320	200	500	330	820	2300	1080	1200	30	1156	492	2000
250-480	132	280S/M	300	250	730	515	550	550	300	300	355	200	600	400	750	2300	1080	1200	30	1036	463	2110
	160	315S/M	300	250	730	515	550	550	300	300	355	200	600	400	850	2500	1080	1200	30	1156	492	2165
	185	315B	300	250	730	515	550	550	300	300	355	200	600	400	850	2500	1080	1200	30	1156	545	2410
	200	315B	300	250	730	515	550	550	300	300	355	200	600	400	1050	2900	1080	1200	30	1570	545	2410
	220	315B	300	250	730	515	550	550	300	300	355	200	600	400	1050	2900	1080	1200	30	1570	545	2500
	250	355M/L	300	250	730	515	550	550	300	300	355	200	600	400	1000	2800	1080	1200	30	1466	680	2765
	300	355M/L	300	250	730	515	550	550	300	300	355	200	600	400	1000	2800	1080	1200	30	1466	680	2940
250-610	250	355M/L	300	250	730	515	650	550	280	350	415	200	600	400	1000	2800	1080	1200	30	1466	680	3150
	300	355M/L	300	250	730	515	650	550	280	350	415	200	600	400	1000	2800	1080	1200	30	1466	680	3325
	315	355M/L	300	250	730	515	650	550	280	350	415	200	600	400	1000	2800	1080	1200	30	1466	680	3330
	330	355M/L	300	250	730	515	650	550	280	350	415	200	600	400	1000	2800	1080	1200	30	1466	680	3420
300-330	55	225S/M	350	300	655	464	550	500	330	300	360	200	500	330	670	2000	1080	1200	30	847	368	1418
	75	250S/M	350	300	655	464	550	500	330	300	360	200	500	330	720	2100	1080	1200	30	923	368	1480
	90	280S/M	350	300	655	464	550	500	330	300	360	200	500	330	770	2200	1080	1200	30	1036	463	1765
	110	280S/M	350	300	655	464	550	500	330	300	360	200	500	330	770	2200	1080	1200	30	1036	463	1750
300-450	160	315S/M	400	300	730	515	650	550	320	350	365	200	600	400	850	2500	1080	1200	30	1156	492	2240
	185	315B	400	300	730	515	650	550	320	350	365	200	600	400	850	2500	1080	1200	30	1156	545	2485
	200	315B	400	300	730	515	650	550	320	350	365	200	600	400	1050	2900	1080	1200	30	1570	545	2485
	250	355M/L	400	300	730	515	650	550	320	350	365	200	600	400	1000	2800	1080	1200	30	1466	680	2840
	280	355M/L	400	300	730	515	650	550	320	350	365	200	600	400	1000	2800	1080	1200	30	1466	680	2840
	330	355M/L	400	300	730	515	650	550	320	350	365	200	600	400	1000	2800	1080	1200	30	1466	680	3110
350-390	110	280S/M	400	350	730	515	650	550	320	350	410	200	600	400	750	2300	1080	1200	30	1036	463	1985
	132	280S/M	400	350	730	515	650	550	320	350	410	200	600	400	750	2300	1080	1200	30	1036	463	2145
	160	315S/M	400	350	730	515	650	550	320	350	410	200	600	400	850	2500	1080	1200	30	1156	492	2200
	185	315B	400	350	730	515	650	550	320	350	410	200	600	400	850	2500	1080	1200	30	1156	545	2445
	200	315B	400	350	730	515	650	550	320	350	410	200	600	400	1050	2900	1080	1200	30	1570	545	2445

## 2 pole Vertical pumpset dimensions



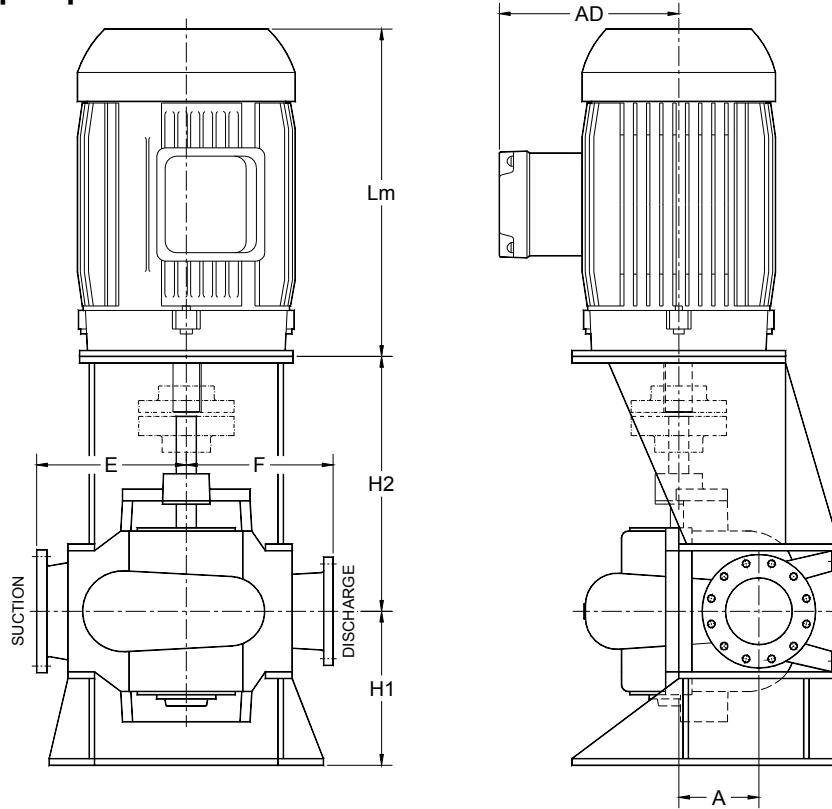
Model	Motor kW	Shaft group	Flanges		Motor framesize	Pump dimensions					Motor		Mass KG
			Suction	Discharge		A	H1	H2	E	F	Lm	AD	
HTV 80-200	22	1	125	80	180M	140	400	528	300	300	554	270	513
	30	1	125	80	200L	140	400	528	300	300	657	294	660
	37	1	125	80	200L	140	400	528	300	300	657	294	675
HTV 80-280	37	1	125	80	200L	140	400	528	300	300	657	294	685
	45	1	125	80	225S/M	140	400	528	300	300	707	368	810
	55	1	125	80	250S/M	140	400	558	300	300	783	368	875
	75	1	125	80	250S/M	140	400	558	300	300	783	368	971
HTV 100-260	45	1	150	100	225S/M	170	400	528	330	330	707	368	825
	55	1	150	100	250S/M	170	400	558	330	330	783	368	890
	75	1	150	100	250S/M	170	400	558	330	330	783	368	986
	90	1	150	100	280S/M	170	400	558	330	330	896	463	1221
HTV 100-330	90	1	150	100	280S/M	170	400	558	330	330	896	463	1236
	110	1	150	100	280S/M	170	400	558	330	330	896	463	1271
	132	1	150	100	280S/M	170	400	558	330	330	896	463	1386
	160	1	150	100	315S/M	170	400	558	330	330	986	492	1521
	185	1	150	100	315S/M	170	400	558	330	330	986	492	1521
HTV 125-250	55	2	200	125	250S/M	200	450	658	370	370	783	368	930
	75	2	200	125	250S/M	200	450	658	370	370	783	368	1026
	90	2	200	125	280S/M	200	450	658	370	370	896	463	1261
	110	2	200	125	280S/M	200	450	658	370	370	896	463	1296
HTV 125-300	90	2	200	125	280S/M	200	450	658	370	370	896	463	1286
	110	2	200	125	280S/M	200	450	658	370	370	896	463	1321
	132	2	200	125	280S/M	200	450	658	370	370	896	463	1436
	160	2	200	125	315S/M	200	450	658	370	370	986	492	1571
	185	2	200	125	315S/M	200	450	658	370	370	986	492	1571
	200	2	200	125	315S/M	200	450	658	370	370	986	492	1571

## 4 pole Vertical pumpset dimensions



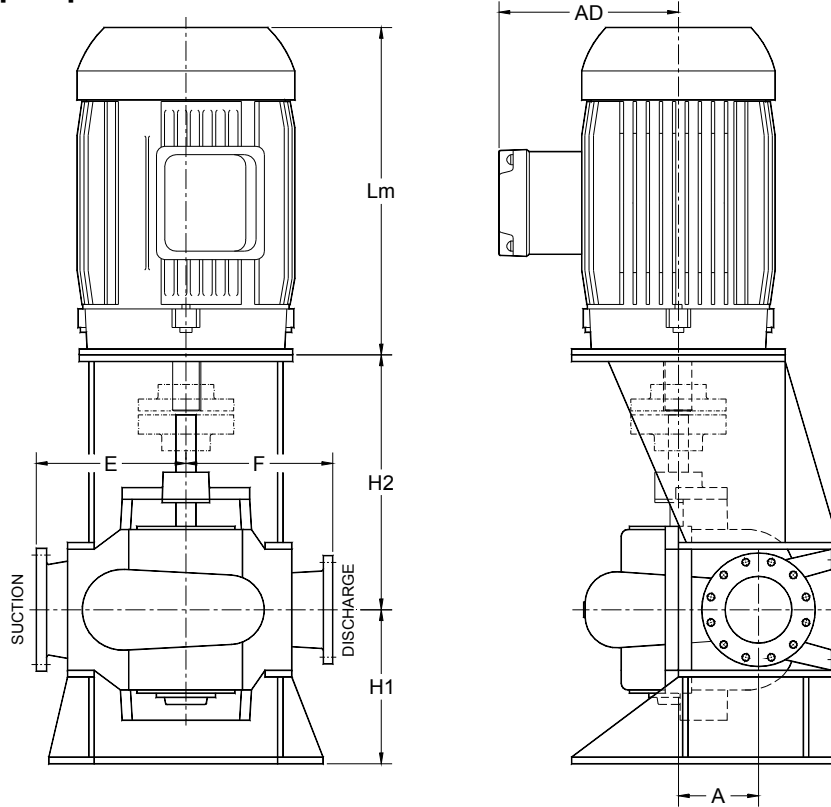
Model	Motor kW	Shaft group	Flanges		Motor framesize	Pump dimensions					Motor		Mass KG
			Suction	Discharge		A	H1	H2	E	F	Lm	AD	
HTV 80-200	3	1	125	80	100L	140	400	478	300	300	316	160	375
	4	1	125	80	112M	140	400	478	300	300	333	180	387
	5.5	1	125	80	132S	140	400	498	300	300	372	207	401
HTV 80-280	5.5	1	125	80	132S	140	400	498	300	300	372	207	411
	7.5	1	125	80	132M	140	400	498	300	300	410	207	419
	11	1	125	80	160M	140	400	528	300	300	488	250	458
HTV 80-350	11	1	125	80	160M	140	400	528	330	330	488	250	468
	15	1	125	80	160L	140	400	528	330	330	532	250	479
	18.5	1	125	80	180M	140	400	528	330	330	554	270	523
HTV 100-260	5.5	1	150	100	132S	170	400	498	330	330	372	207	426
	7.5	1	150	100	132M	170	400	498	330	330	410	207	434
	11	1	150	100	160M	170	400	528	330	330	488	250	473
HTV 100-330	15	1	150	100	160L	170	400	528	330	330	532	250	499
	18.5	1	150	100	180M	170	400	528	330	330	554	270	543
	22	1	150	100	180L	170	400	528	330	330	592	270	563
HTV 100-410	30	1	150	100	200L	170	400	528	370	370	657	294	715
	37	1	150	100	200L	170	400	528	370	370	657	294	805
	45	1	150	100	225S/M	170	400	558	370	370	707	368	855
HTV 125-250	7.5	2	200	125	132M	200	450	598	370	370	410	207	474
	11	2	200	125	160M	200	450	628	370	370	488	250	513
	15	2	200	125	160L	200	450	628	370	370	532	250	524
HTV 125-300	15	2	200	125	160L	200	450	628	370	370	532	250	549
	18.5	2	200	125	180M	200	450	628	370	370	554	270	593
	22	2	200	125	180L	200	450	628	370	370	592	270	613
	30	2	200	125	200L	200	450	628	370	370	657	294	745

## 4 pole Vertical pumpset dimensions



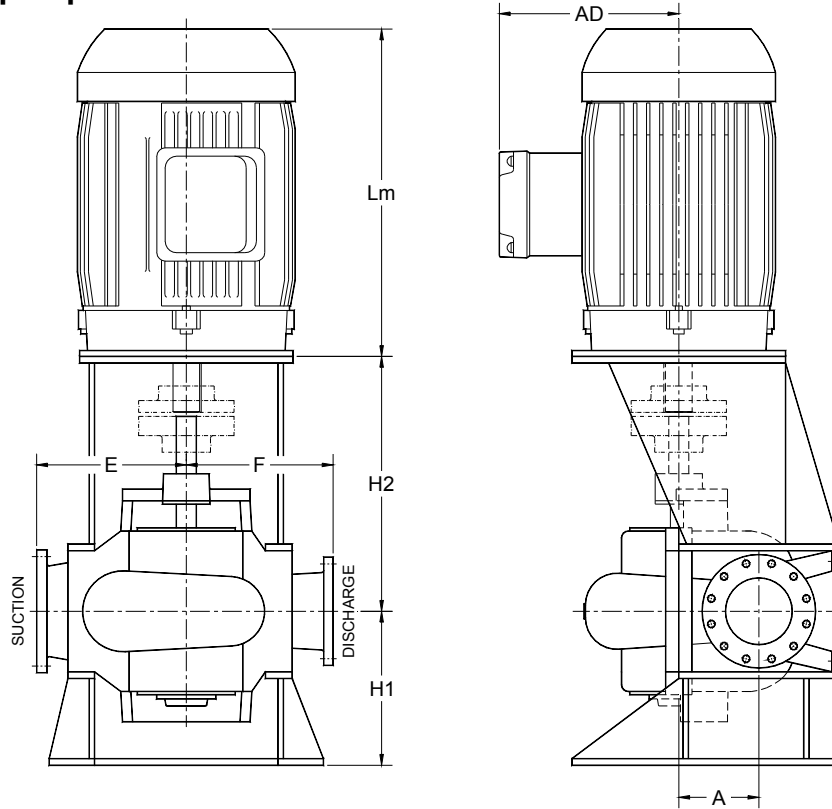
Model	Motor kW	Shaft group	Flanges		Motor framesize	Pump dimensions					Motor		Mass KG
			Suction	Discharge		A	H1	H2	E	F	Lm	AD	
HTV 125-390	30	2	200	125	200L	200	450	628	370	370	657	294	770
	37	2	200	125	200L	200	450	628	370	370	657	294	860
	45	2	200	125	225S/M	200	450	658	370	370	707	368	910
	55	2	200	125	225S/M	200	450	658	370	370	707	368	978
	75	2	200	125	250S/M	200	450	658	370	370	783	368	1040
HTV 125-480	55	2	200	125	225S/M	200	450	658	450	450	707	368	1013
	75	2	200	125	250S/M	200	450	658	450	450	783	368	1151
	90	2	200	125	280S/M	200	450	658	450	450	896	463	1436
	110	2	200	125	280S/M	200	450	658	450	450	896	463	1421
HTV 150-290	18.5	2	200	150	180M	200	450	628	400	400	554	270	668
	22	2	200	150	180L	200	450	628	400	400	592	270	688
	30	2	200	150	200L	200	450	628	400	400	657	294	820
	37	2	200	150	200L	200	450	628	400	400	657	294	910
HTV 150-360	37	2	200	150	200L	200	450	628	400	400	657	294	920
	45	2	200	150	225S/M	200	450	658	400	400	707	368	1046
	55	2	200	150	225S/M	200	450	658	400	400	707	368	1114
	75	2	200	150	250S/M	200	450	658	400	400	783	368	1176
HTV 150-460	75	3	200	150	250S/M	200	500	733	450	450	783	368	1256
	90	3	200	150	280S/M	200	500	733	450	450	896	463	1541
	110	3	200	150	280S/M	200	500	733	450	450	896	463	1526
	132	3	200	150	280S/M	200	500	733	450	450	896	463	1686
	160	3	200	150	315S/M	200	500	763	450	450	986	492	1741
HTV 150-560	160	3	200	150	315S/M	300	500	763	600	500	986	492	1951
	185	3	200	150	315B	300	500	763	600	500	986	545	2196
	200	3	200	150	315B	300	500	803	600	500	1360	545	2196
	220	3	200	150	315B	300	500	803	600	500	1360	545	2286
	250	3	200	150	355M/L	300	500	803	600	500	1256	680	2551

## 4 pole Vertical pumpset dimensions



Model	Motor kW	Shaft group	Flanges		Motor framesize	Pump dimensions					Motor		Mass KG
			Suction	Discharge		A	H1	H2	E	F	Lm	AD	
HTV 200-340	37	3	250	200	200L	240	500	703	450	450	657	294	1086
	45	3	250	200	225S/M	240	500	733	450	450	707	368	1136
	55	3	250	200	225S/M	240	500	733	450	450	707	368	1204
	75	3	250	200	250S/M	240	500	733	450	450	783	368	1266
HTV 200-420	75	3	250	200	250S/M	240	500	733	500	500	783	368	1336
	90	3	250	200	280S/M	240	500	733	500	500	896	463	1621
	110	3	250	200	280S/M	240	500	733	500	500	896	463	1606
	132	3	250	200	280S/M	240	500	733	500	500	896	463	1766
	160	3	250	200	315S/M	240	500	763	500	500	986	492	1821
HTV 200-530	160	4	250	200	315S/M	300	550	828	600	500	986	492	2141
	185	4	250	200	315B	300	550	828	600	500	986	545	2386
	200	4	250	200	315B	300	550	868	600	500	1360	545	2386
	220	4	250	200	315B	300	550	868	600	500	1360	545	2476
	250	4	250	200	355M/L	300	550	868	600	500	1256	680	2741
	300	4	250	200	355M/L	300	550	868	600	500	1256	680	2916
HTV 200-660	300	4	250	200	355M/L	350	550	868	650	550	1256	680	3066
	330	4	250	200	355M/L	350	550	868	650	550	1256	680	3161
HTV 250-390	90	4	300	250	280S/M	300	550	798	500	500	896	463	1766
	110	4	300	250	280S/M	300	550	798	500	500	896	463	1751
	132	4	300	250	280S/M	300	550	798	500	500	896	463	1911
	160	4	300	250	315S/M	300	550	828	500	500	986	492	1966
HTV 250-480	132	5	300	250	280S/M	300	650	873	550	550	896	463	2076
	160	5	300	250	315S/M	300	650	903	550	550	986	492	2131
	185	5	300	250	315B	300	650	903	550	550	986	545	2376
	200	5	300	250	315B	300	650	943	550	550	1360	545	2376
	220	5	300	250	315B	300	650	943	550	550	1360	545	2466
	250	5	300	250	355M/L	300	650	943	550	550	1256	680	2731
300	5	300	250	355M/L	300	650	943	550	550	1256	680	2906	

## 4 pole Vertical pumpset dimensions



Model	Motor kW	Shaft group	Flanges		Motor framesize								Mass KG
			Suction	Discharge		A	H1	H2	E	F	Lm	AD	
HTV 250-610	250	5	300	250	355M/L	350	650	943	650	550	1256	680	3116
	300	5	300	250	355M/L	350	650	943	650	550	1256	680	3291
	315	5	300	250	355M/L	350	650	943	650	550	1256	680	3296
	330	5	300	250	355M/L	350	650	943	650	550	1256	680	3386
HTV 300-330	55	4	350	300	225S/M	300	550	798	550	500	707	368	1384
	75	4	350	300	250S/M	300	550	798	550	500	783	368	1446
	90	4	350	300	280S/M	300	550	798	550	500	896	463	1731
	110	4	350	300	280S/M	300	550	798	550	500	896	463	1716
HTV300-450	160	5	400	300	315S/M	350	650	903	650	550	986	492	2206
	185	5	400	300	315B	350	650	903	650	550	986	545	2451
	200	5	400	300	315B	350	650	943	650	550	1360	545	2451
	250	5	400	300	355M/L	350	650	943	650	550	1256	680	2806
	280	5	400	300	355M/L	350	650	943	650	550	1256	680	2806
	330	5	400	300	355M/L	350	650	943	650	550	1256	680	3076
HTV 350-390	110	5	400	350	280S/M	350	650	873	650	550	896	463	1951
	132	5	400	350	280S/M	350	650	873	650	550	896	463	2111
	160	5	400	350	315S/M	350	650	903	650	550	986	492	2166
	185	5	400	350	315B	350	650	903	650	550	986	545	2411
	200	5	400	350	315B	350	650	943	650	550	1360	545	2411