

TC Close coupled Pumps

One of the broadest ranges of pumps available from any British manufacturer, with discharge sizes from 32 mm to 250 mm.

Widest choice of materials of construction and options to suit many industrial and building services specific requirements. Stainless steel pumps built from stock components.

Competitively priced and manufactured from components held in stock, with reliable prompt deliveries.

Capable of handling clean water, seawater, solvents, chemicals and other liquids with similar properties.

All pumps are manufactured strictly to **ISO 9001** quality control standards



Several thousand TC pumps are operating daily throughout the country and worldwide.

Applications

- Water supply
- Cooling water
- Air conditioning
- Heating circulation
- Industrial liquids and chemicals
- Seawater
- Oils, solvents and process liquids
- Drinking and potable water
- Aqua-culture
- Electrophoretic paint

Operating data

Flow rates up to 300 l/sec
Head up to 160 metres
Temperature -20°C to $+130^{\circ}\text{C}$

Construction

Close coupled horizontal single stage end-suction pump with performance and key dimensions in accordance with DIN 24255 standard. The back-pull-out construction allows the pump to be dismantled without disturbing the suction and discharge pipework. Impellers are fully shrouded closed design, with double curvature vanes for optimum efficiency and good suction performance. Vortex design semi-open impellers are also available on some sizes.

Electric motors

Apex TC pumps are supplied with a TEFC IP55 electric motor. Alternative motors including Eexd flameproof motors are readily available.

Materials

The pump pressure containing parts are cast in a variety of materials, selected to suit the working pressure of the pump, and to be compatible with the liquid being handled. Available materials are:

- Cast iron
- Ductile iron
- Cast 316 Stainless steel
- Cast bronze
- Cast steel
- Specialist steels eg Duplex, Hastalloy

Flanges

Standard flanges are drilled to the British Standard BS4504, with pressure rating to suit the specific application:

BS4504 PN16	16 bar working pressure
BS4504 PN25	25 bar working pressure
BS4504 PN40	40 bar working pressure

ANSI standard flanges drilled to 150 lb or 300 lb ratings and all other standards are available on request.

Seals

The standard arrangement is a single mechanical seal. Double seals, cartridge seals and packed gland seals can be fitted to suit the application and to meet customers' preferences.

New Features of the TC 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.

More sizes....

New sizes are continually being added to the range, and with the recent introduction of the 200 mm and 250 mm discharge size pumps, and with motor powers up to 160 kW, the TC pump range is one of the most comprehensive ranges of close coupled pumps available from any pump manufacturer today. Now also available in In-Line Vertical configuration.

Larger stock....

Our policy of stocking large quantities of finished machined component parts, ready for immediate assembly, enables us to provide a fast delivery of complete pumps and spare parts, and has earned the company its good reputation for reliable delivery.

Specialist materials....

Apex carry large stocks of cast stainless steel pump components, and operate fast-track manufacture of specialist materials such as Duplex stainless steel and Hastalloy, backed by full materials certification and traceability.

Higher Pressures....

Pumps required to operate in tall buildings, and in certain industrial processes, need to operate at high working pressures. For these applications, Apex Pumps offer the TC range of close coupled pumps in cast steel, with flanges to BS4504 PN40.

Wide Choice of options....

Virtually any mechanical seal, cartridge seal or packed gland arrangement, with flush, quench or independent circulation system is possible with the Apex TC pump range. Modular construction enables the pump to be engineered using standard stock components wherever possible, and our in-house CNC machining facilities can quickly produce any special parts against tight deadlines.

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

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

....Benefit

Greater choice results in a better hydraulic selection, optimised operating efficiency and lower power consumption. Now with 42 pump sizes to the Apex TC range, a cost-effective and properly engineered solution can be provided for most industrial pumping applications.

....Benefit

Quick delivery is appreciated by users and pump distributors alike, and makes Apex Pumps the first choice for replacement of existing pumps of other makes.

....Benefit

Industrial applications are increasingly specifying stainless steel pump materials in recognition of the environmental and economic benefits. Apex Pump's investment in stainless steel stock parts, provides users with a standard pump to the highest specifications.

....Benefit

The TC pump in cast steel provides a cost effective solution to what would otherwise be a specialist pump application. Many component parts will be shared with other TC pumps, providing spares interchangeability throughout the site.

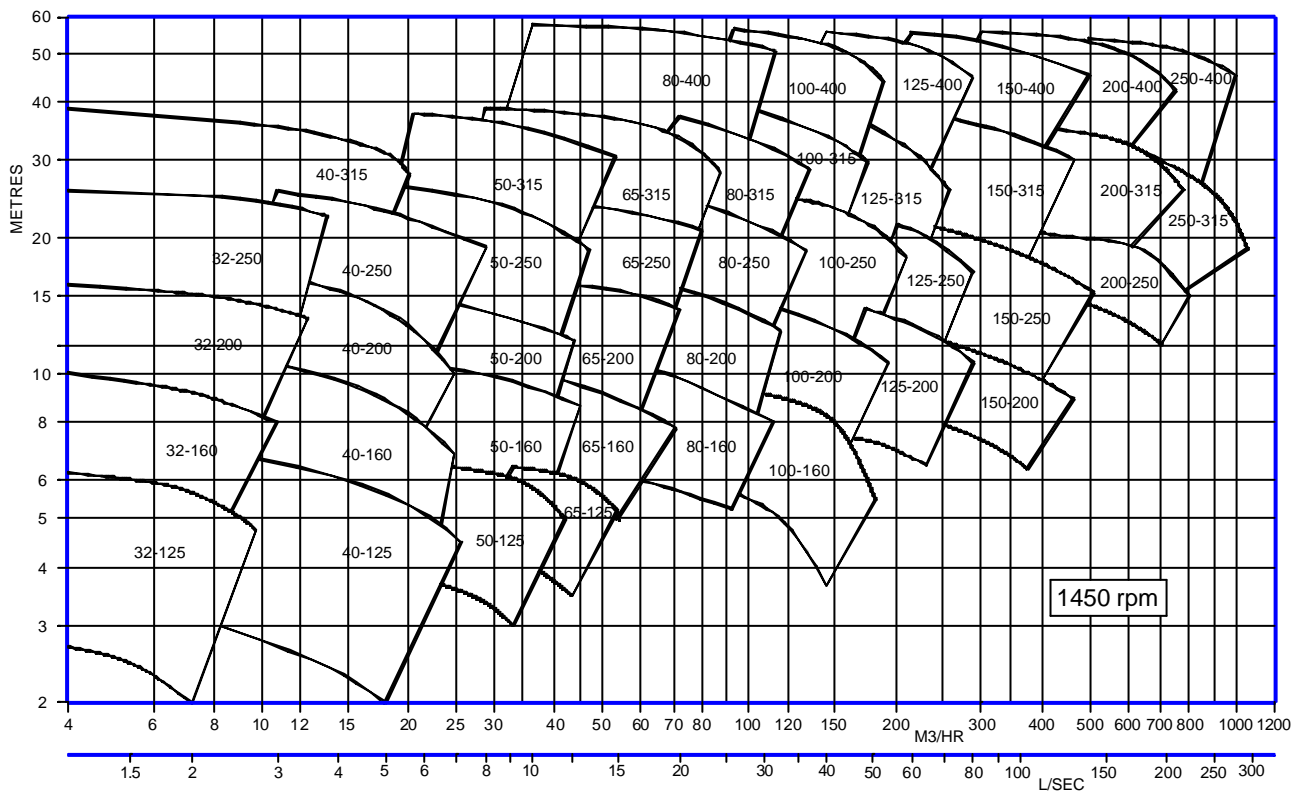
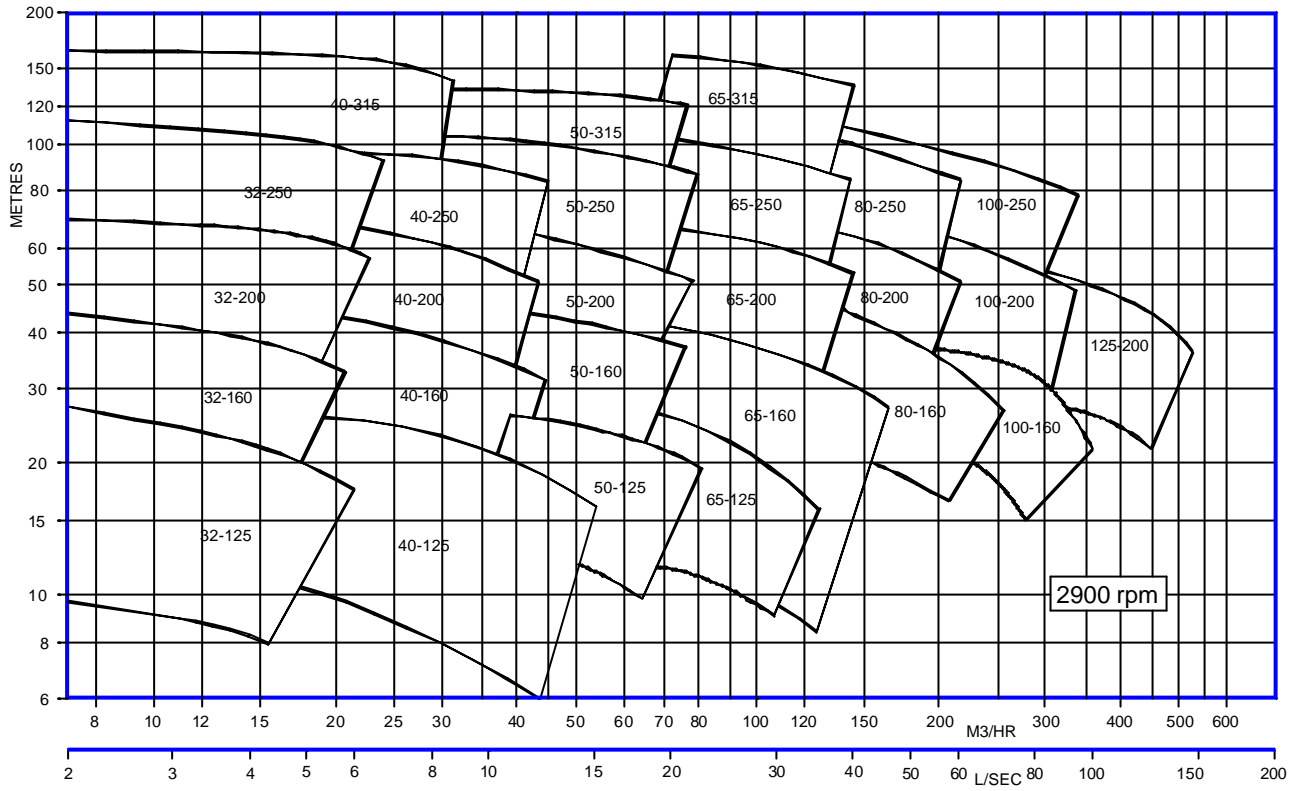
....Benefit

Pump users benefit by the broad engineering experience at Apex, and our familiarity with difficult applications and demanding duties.

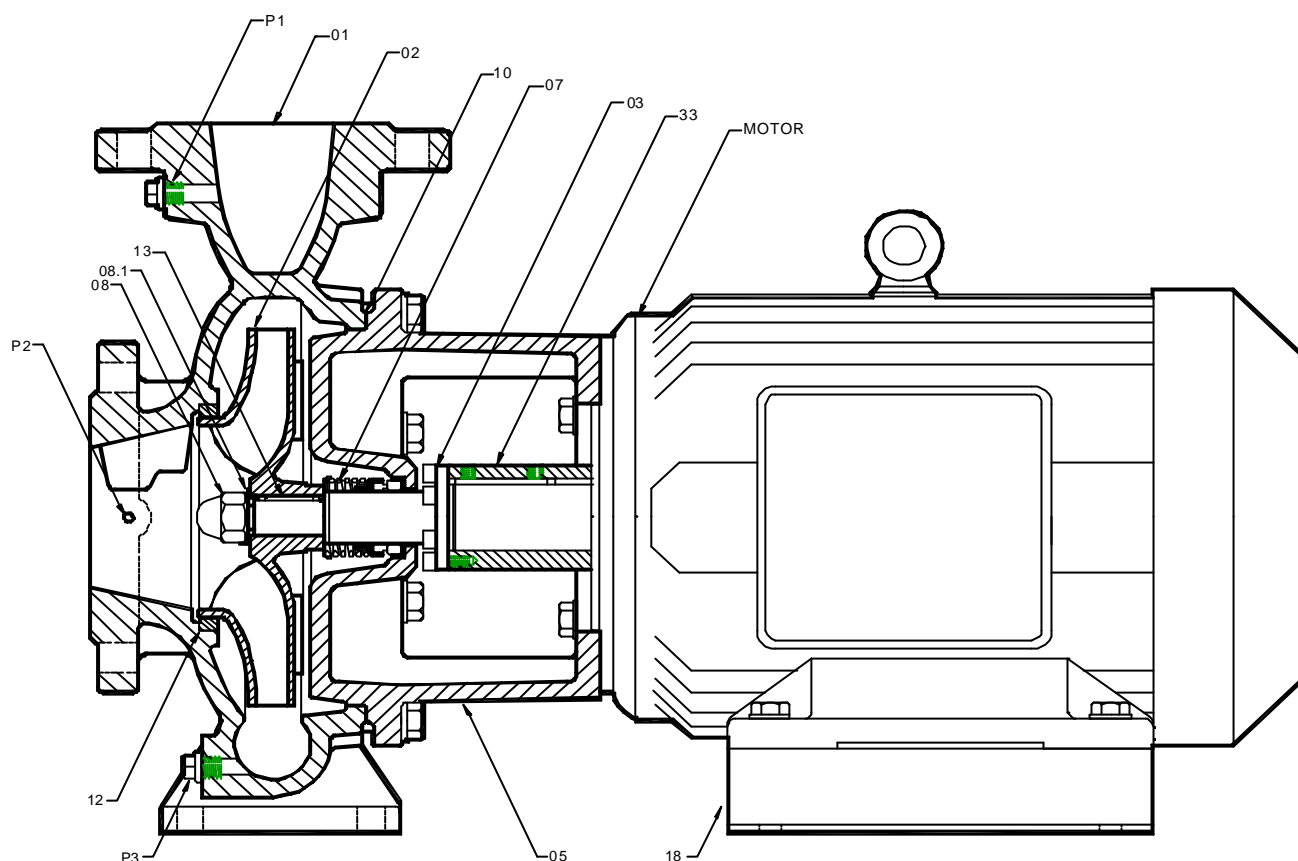
....Benefit

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

TC range charts 50 hz

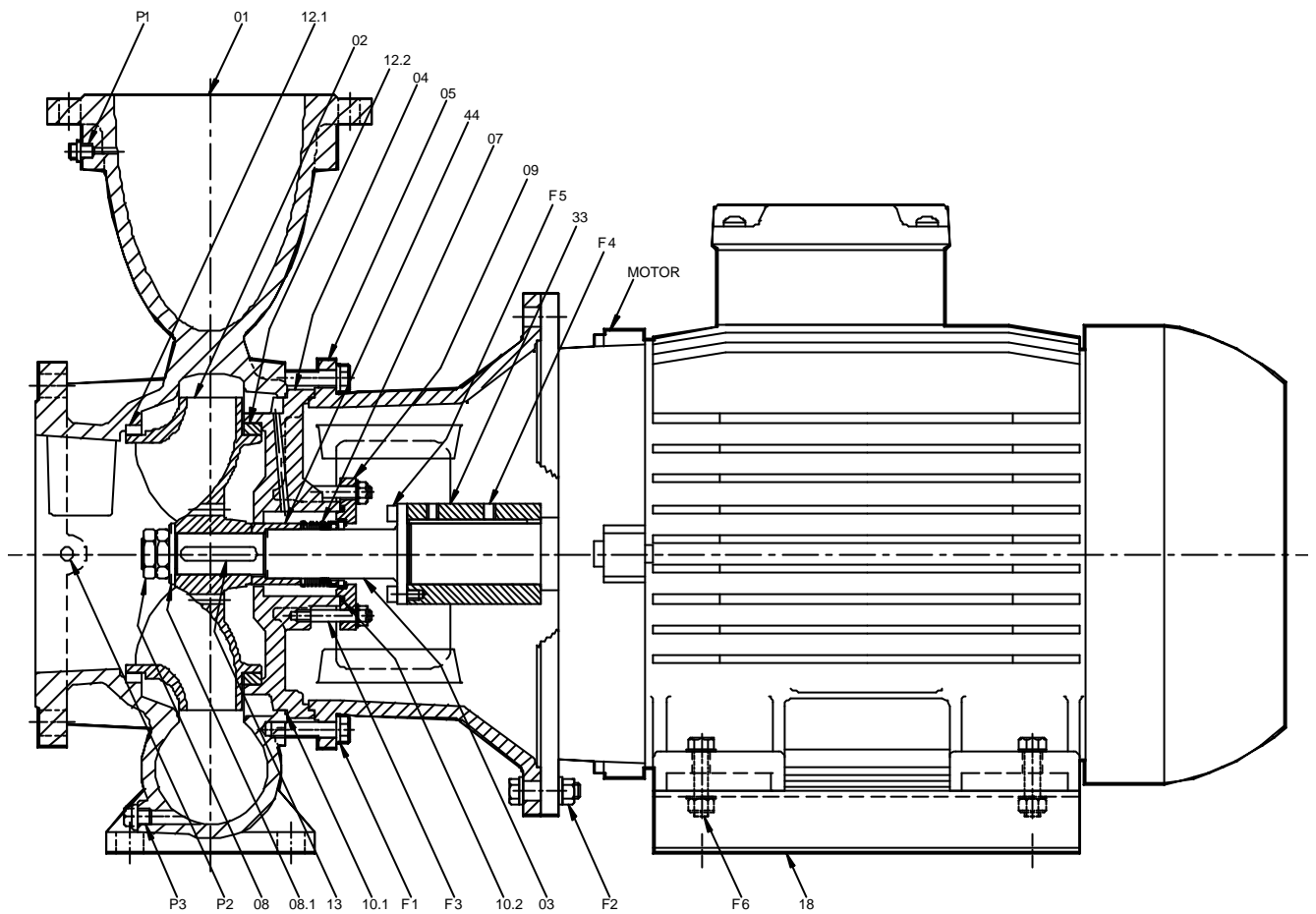


Typical cross section: small TC pumps



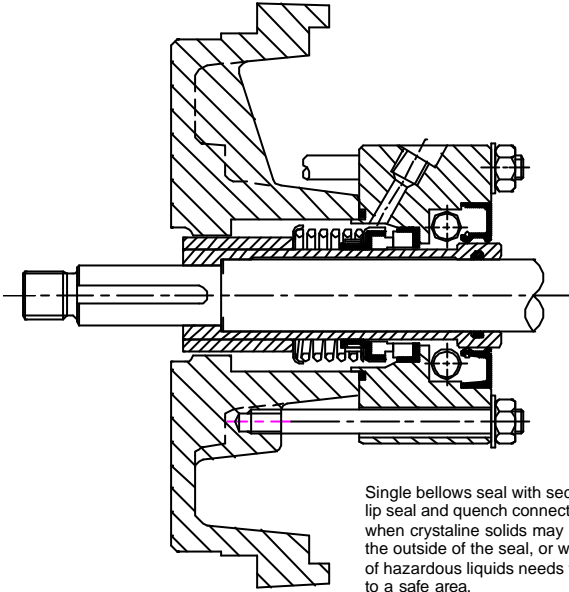
Ref	Item	Standard material	Alternative materials
01	Volute casing	Cast iron	Ductile iron, bronze, 316 stainless steel
02	Impeller	Cast iron	Bronze, 316 stainless steel
03	Stubshaft	303 Stainless steel	316 stainless steel, Duplex stainless steel
05	Adaptor	Cast iron	Ductile iron, bronze, 316 stainless steel
07	Mechanical seal	Carbon/ceramic/Nitrile	Any commercial combination
08	Impeller nut	Steel	Bronze, 316 stainless steel
08.1	Impeller washer	Steel	Bronze, 316 stainless steel
10	Casing gasket	Gasket paper	
12	Casing wear ring	Cast iron	Bronze, 316 stainless steel
13	Impeller key	Key steel	316 stainless steel
18	Support foot	Mild steel	
33	Motor sleeve	Steel	
P1	Vent/gauge plug	Steel	316 stainless steel
P2	Suction gauge plug	Steel	316 stainless steel
P3	Drain plug	Steel	316 stainless steel

Typical cross section: Large TC pumps

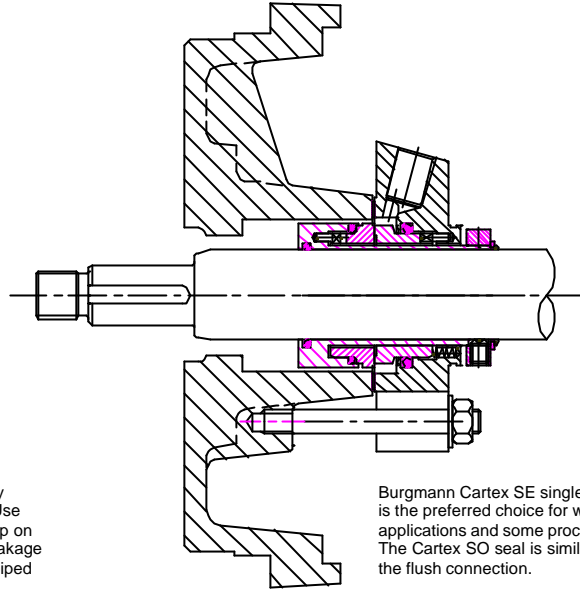


Ref	Item	Standard material	Alternative materials
01	Volute casing	Cast iron	Ductile iron, bronze, 316 stainless steel
02	Impeller	Cast iron	Bronze, 316 stainless steel
03	Stubshaft	303 SS	316 stainless steel, Duplex stainless steel
04	Backcover	Cast iron	Ductile iron, bronze, 316 stainless steel
05	Adaptor	Cast iron or Fabricated steel	
07	Mechanical seal	Carbon/Ceramic/Nitrile	Any commercial combination
08	Impeller nut	Steel	Bronze, 316 stainless steel
08.1	Impeller nut washer	Steel	Bronze, 316 stainless steel
09	Glandplate	Cast iron	316 stainless steel
10.1	Casing O ring	Nitrile	Viton
10.2	Glandplate O ring	Nitrile	Viton
12.1	Casing wear ring	Cast iron	Bronze, 316 stainless steel
12.2	Backcover wear ring	Cast iron	Bronze, 316 stainless steel
13	Impeller key	Key steel	316 stainless steel
18	Motor foot	Steel	
33	Motor sleeve	Steel	
44	Seal spacer sleeve	303 SS	316 stainless steel
F1	Casing bolts	Steel	316 stainless steel
F2	Motor flange bolts	Steel	
F3	Gland studs	Steel	316 stainless steel
F4	Motor sleeve set screws	Steel	
F5	Stubshaft socket set screws	Steel	316 stainless steel
F6	Motor foot bolts	Steel	
P1	Casing vent plug	Steel	316 stainless steel
P2	Suction gauge plug	Steel	316 stainless steel
P3	Casing drain plug	Steel	316 stainless steel

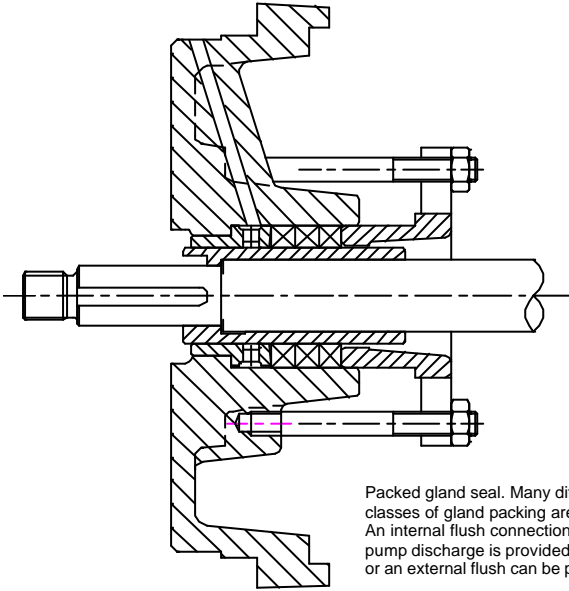
Examples of alternative sealing arrangements



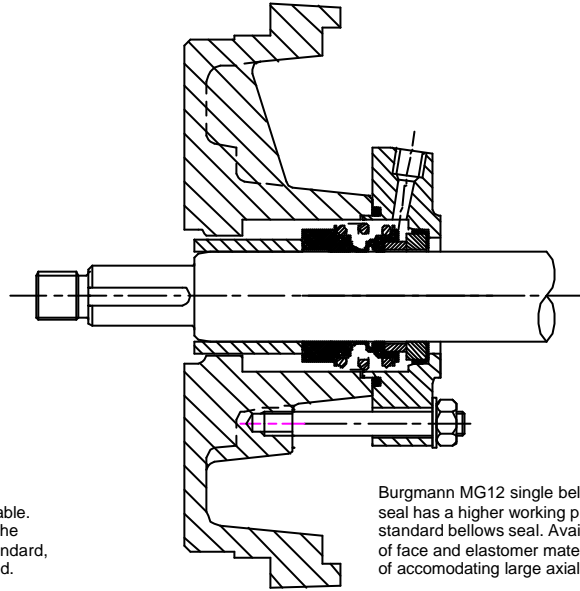
Single bellows seal with secondary lip seal and quench connections. Use when crystalline solids may build up on the outside of the seal, or when leakage of hazardous liquids needs to be piped to a safe area.



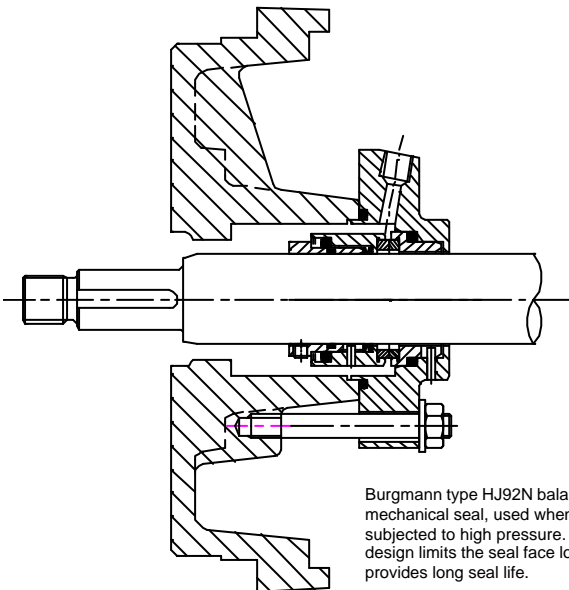
Burgmann Cartex SE single cartridge seal is the preferred choice for water authority applications and some process installations. The Cartex SO seal is similar, but without the flush connection.



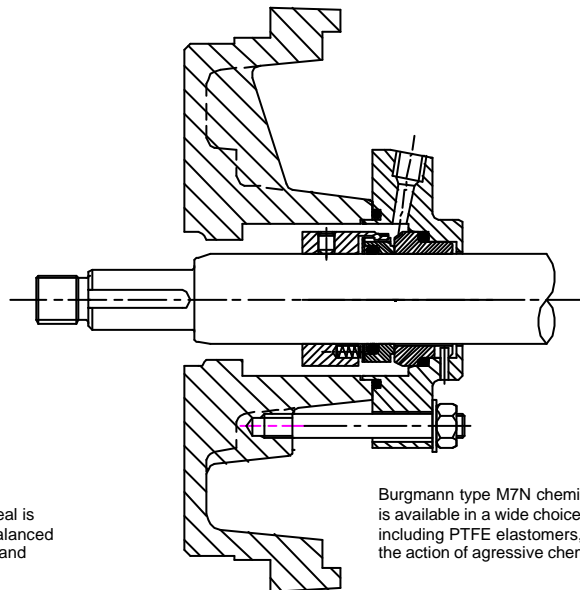
Packed gland seal. Many different classes of gland packing are available. An internal flush connection from the pump discharge is provided as standard, or an external flush can be provided.



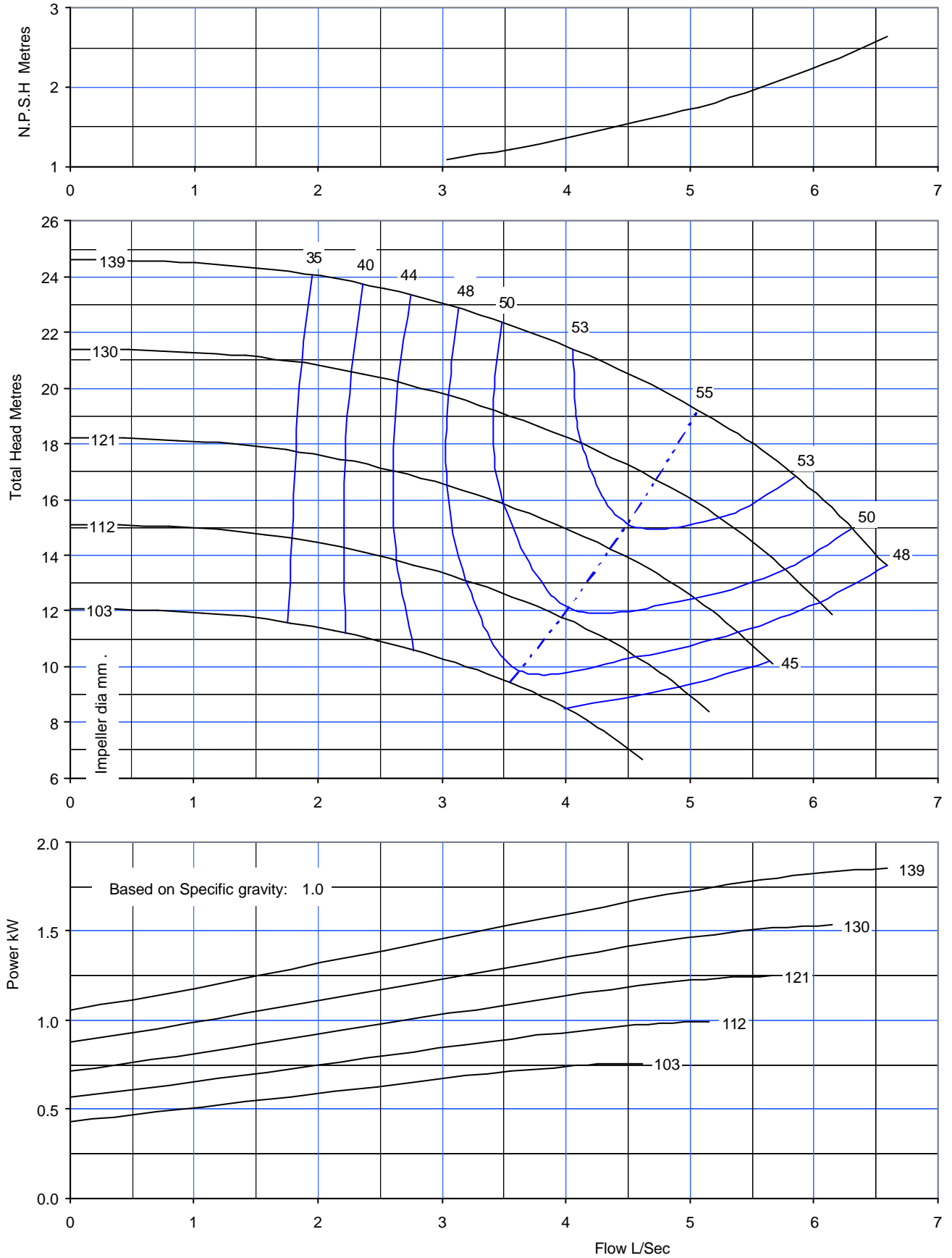
Burgmann MG12 single bellows mechanical seal has a higher working pressure than the standard bellows seal. Available in a range of face and elastomer materials, and capable of accommodating large axial movement.



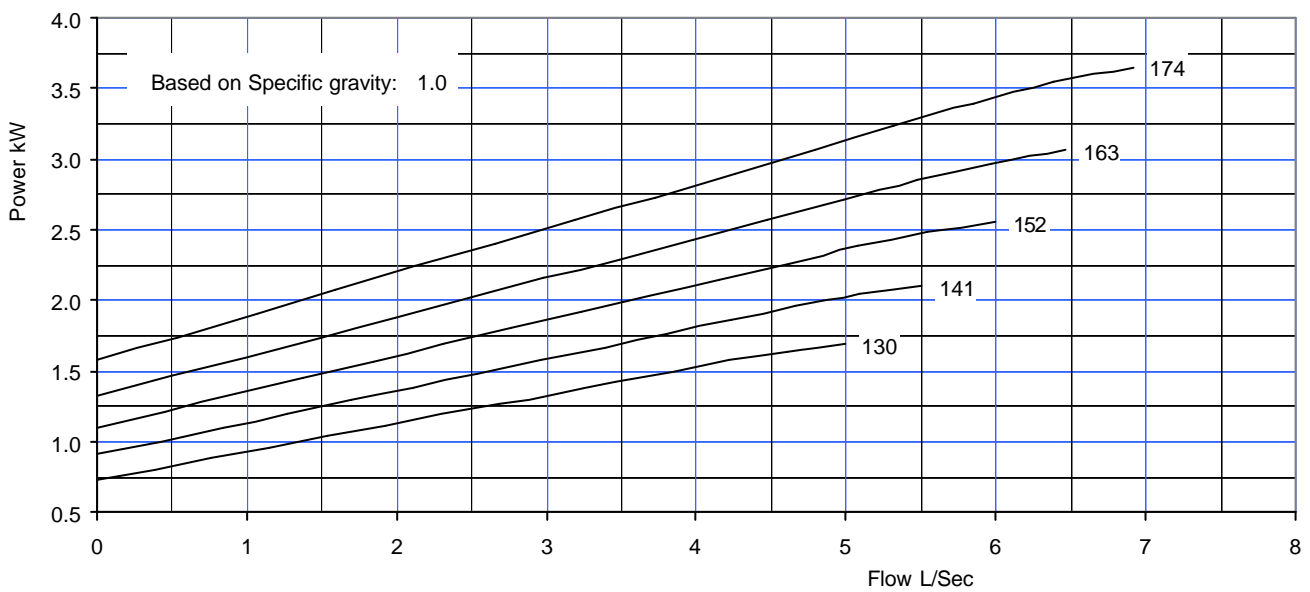
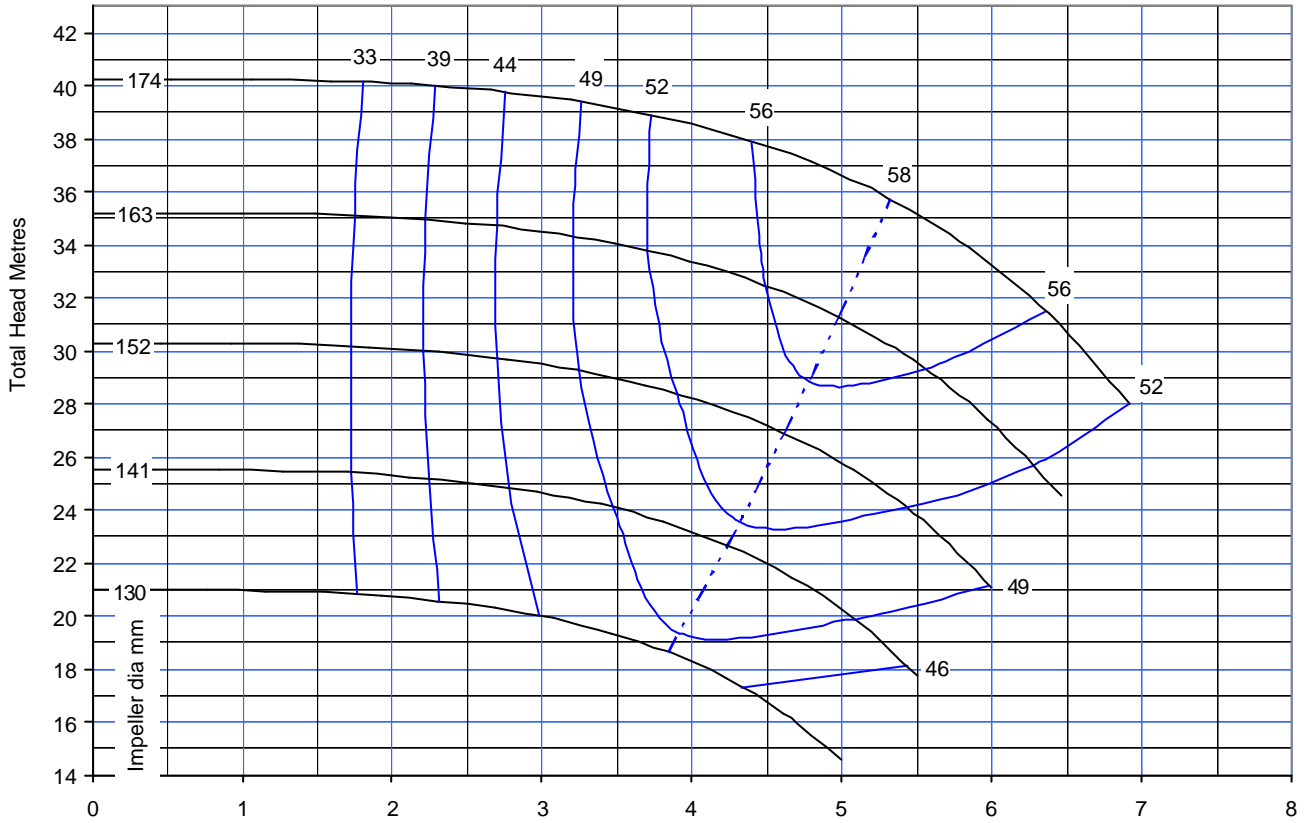
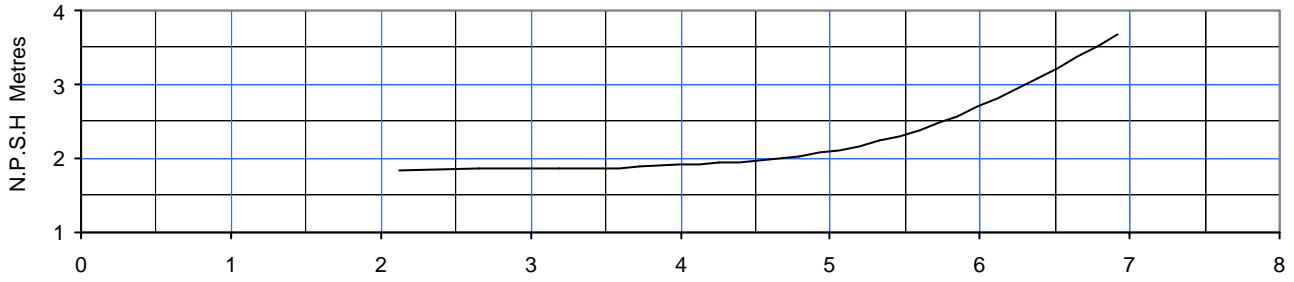
Burgmann type HJ92N balanced mechanical seal, used when the seal is subjected to high pressure. The balanced design limits the seal face loading and provides long seal life.



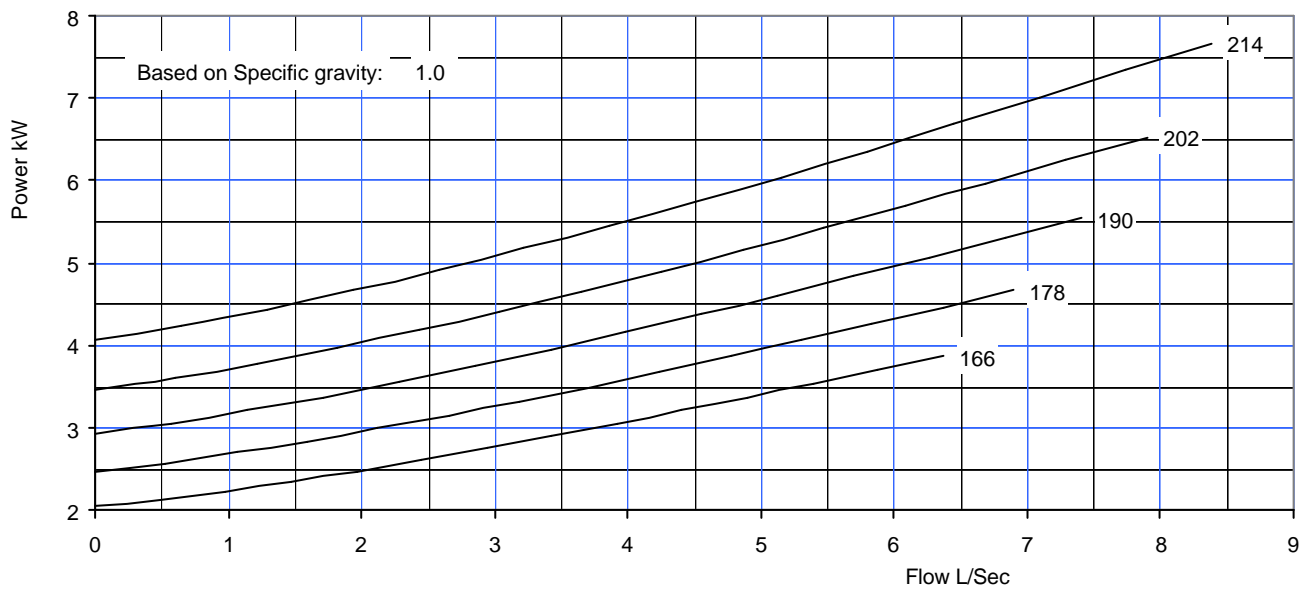
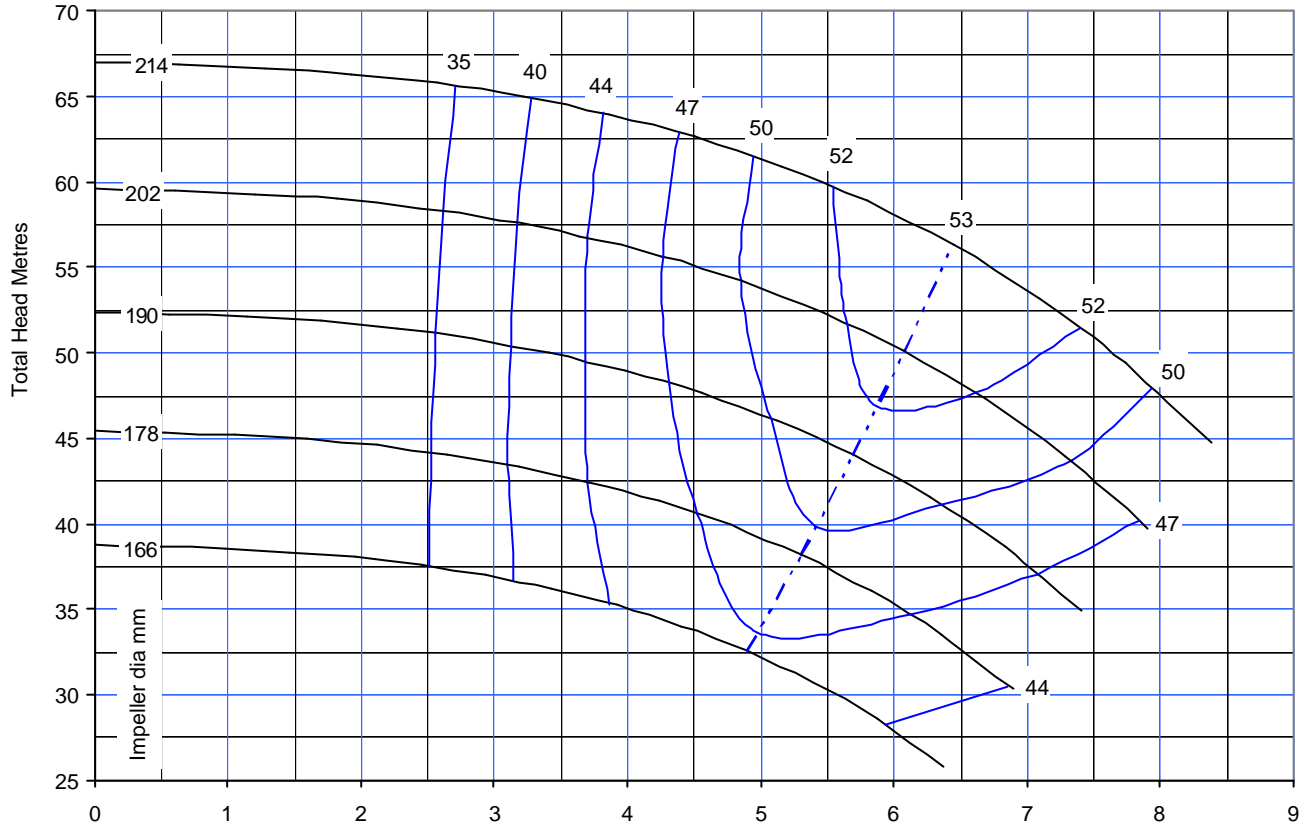
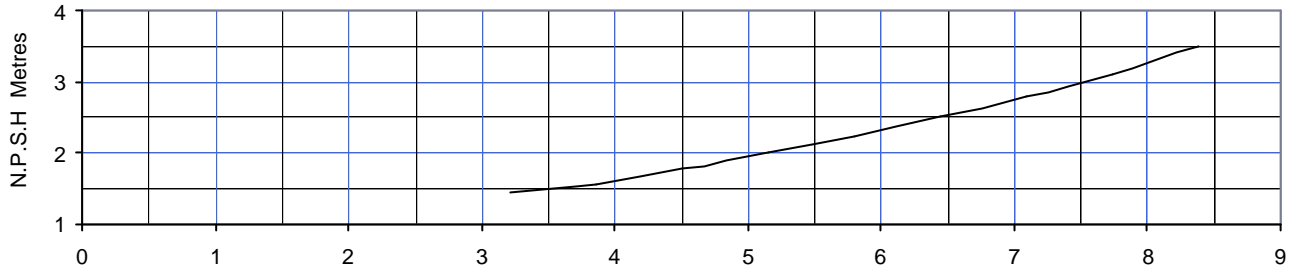
Burgmann type M7N chemical seal is available in a wide choice of materials including PTFE elastomers, to withstand the action of aggressive chemicals.



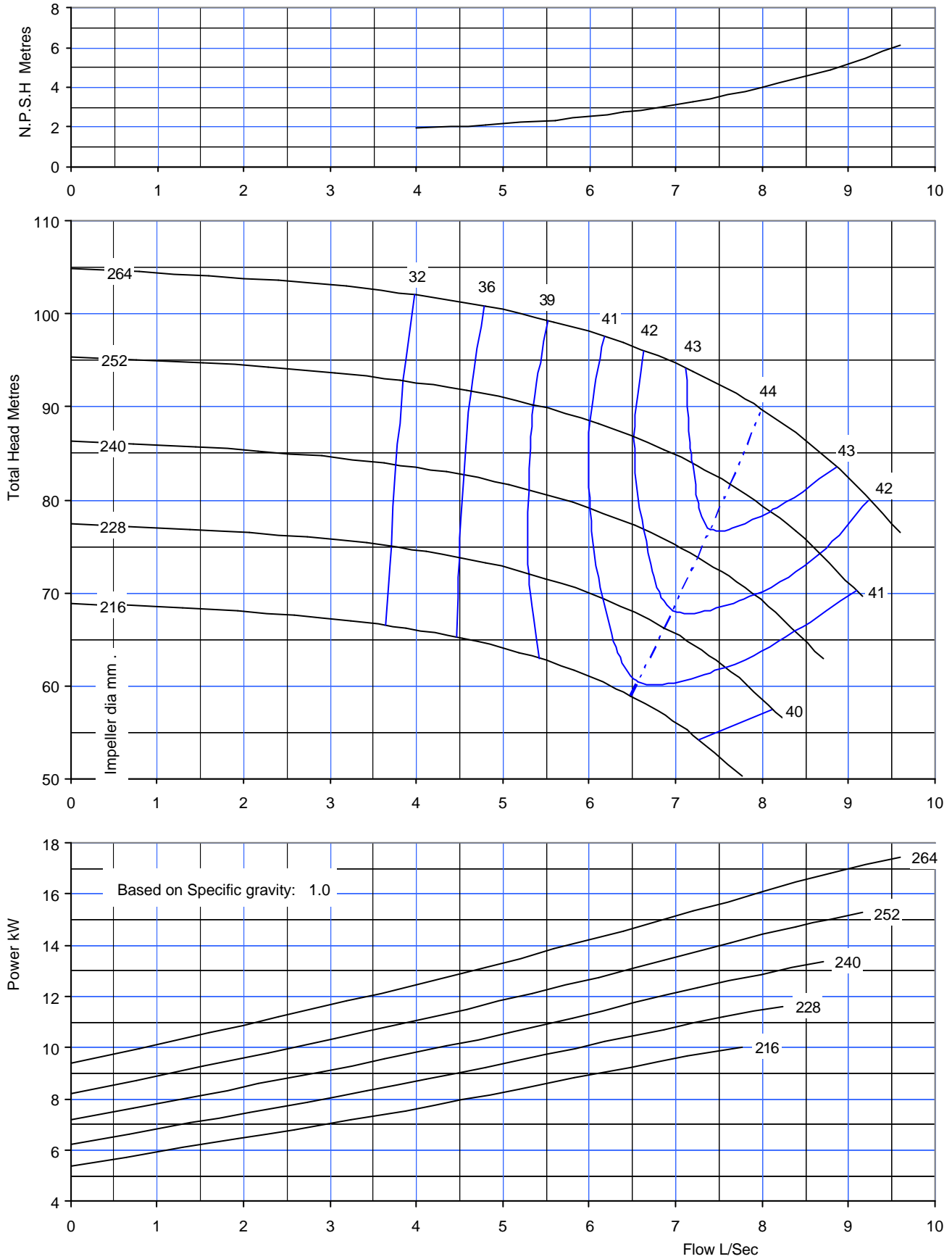
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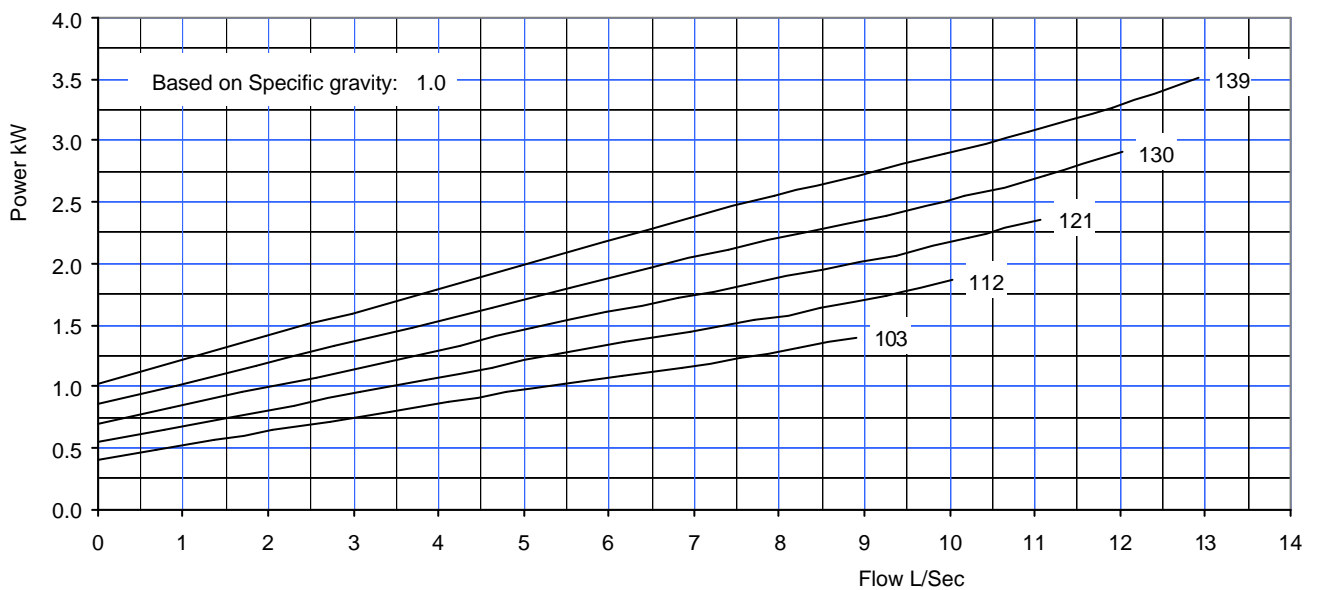
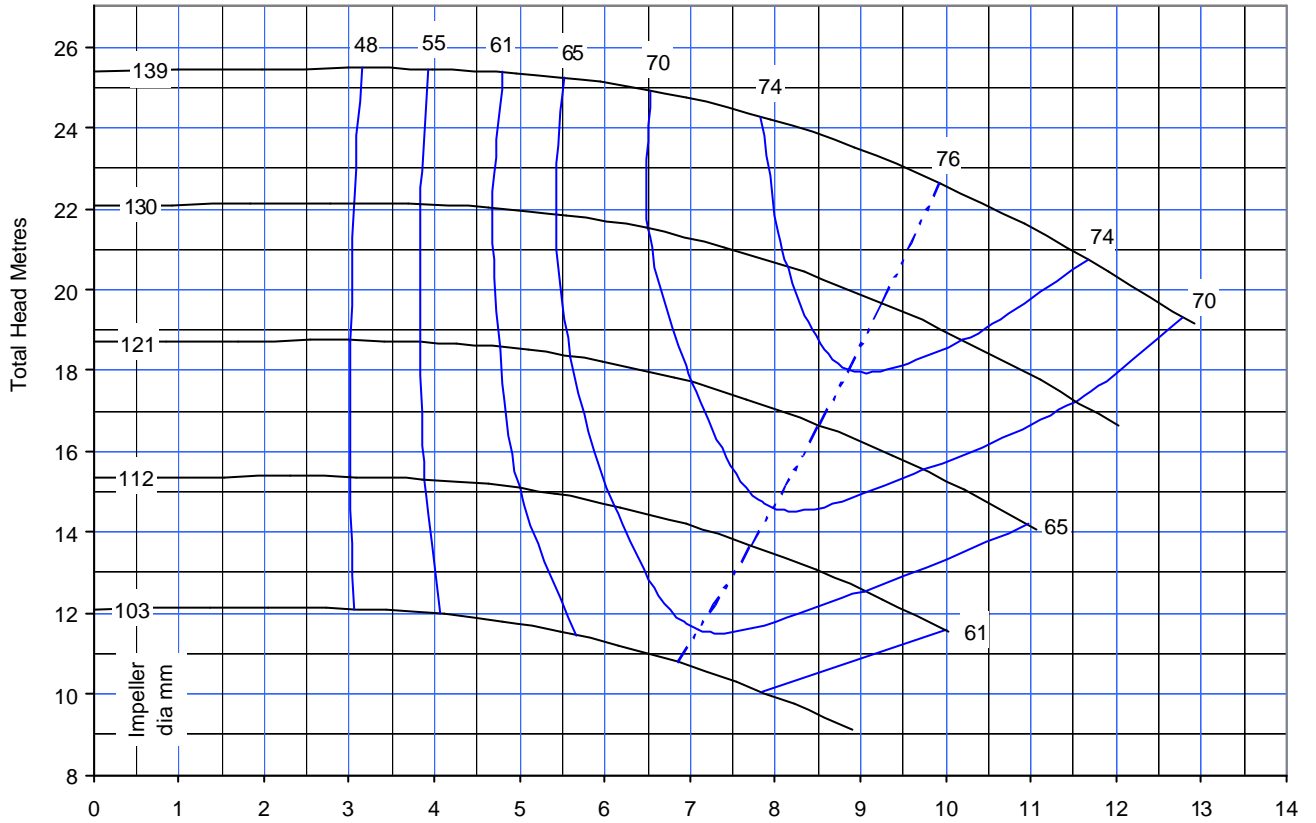
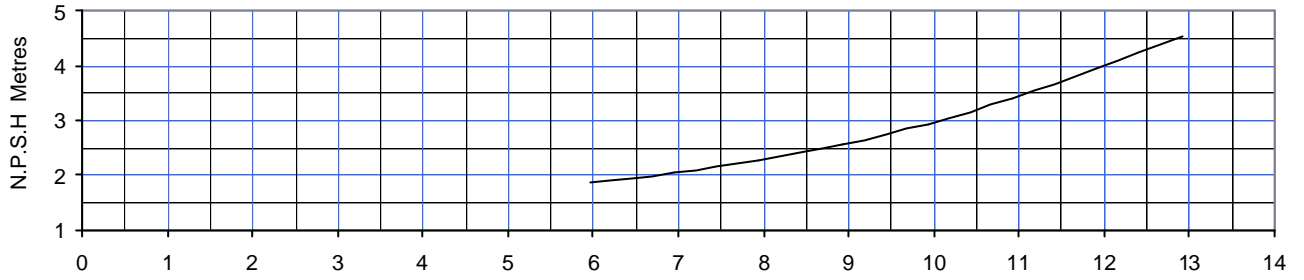
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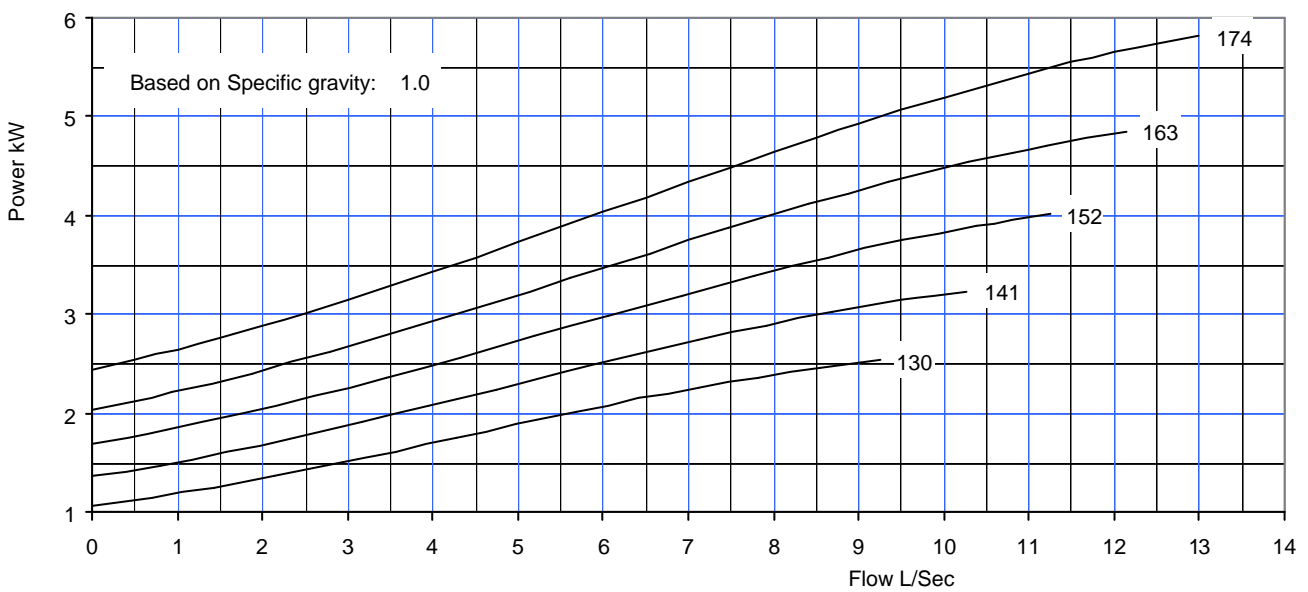
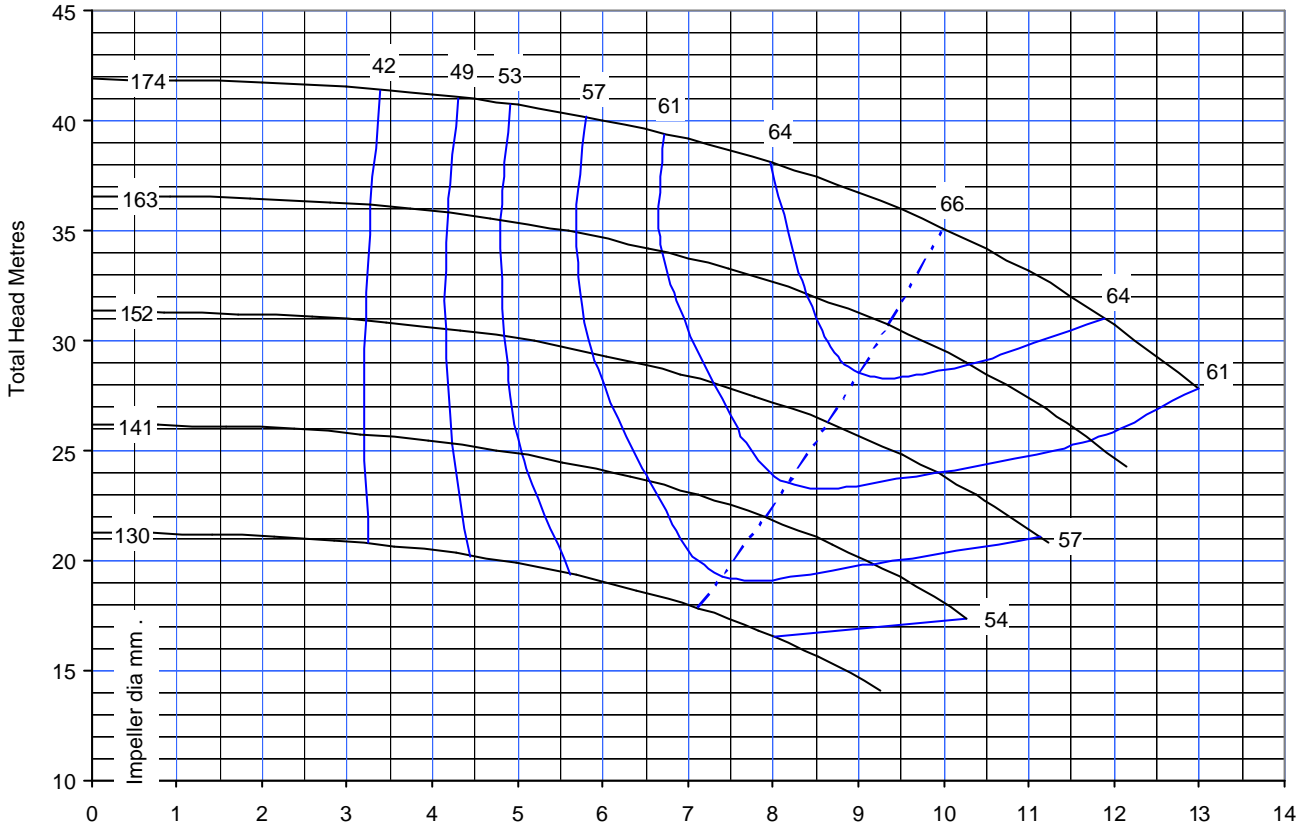
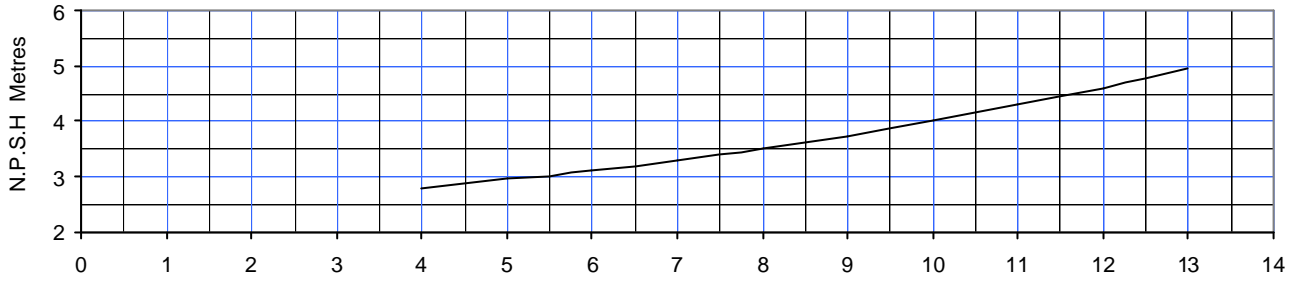
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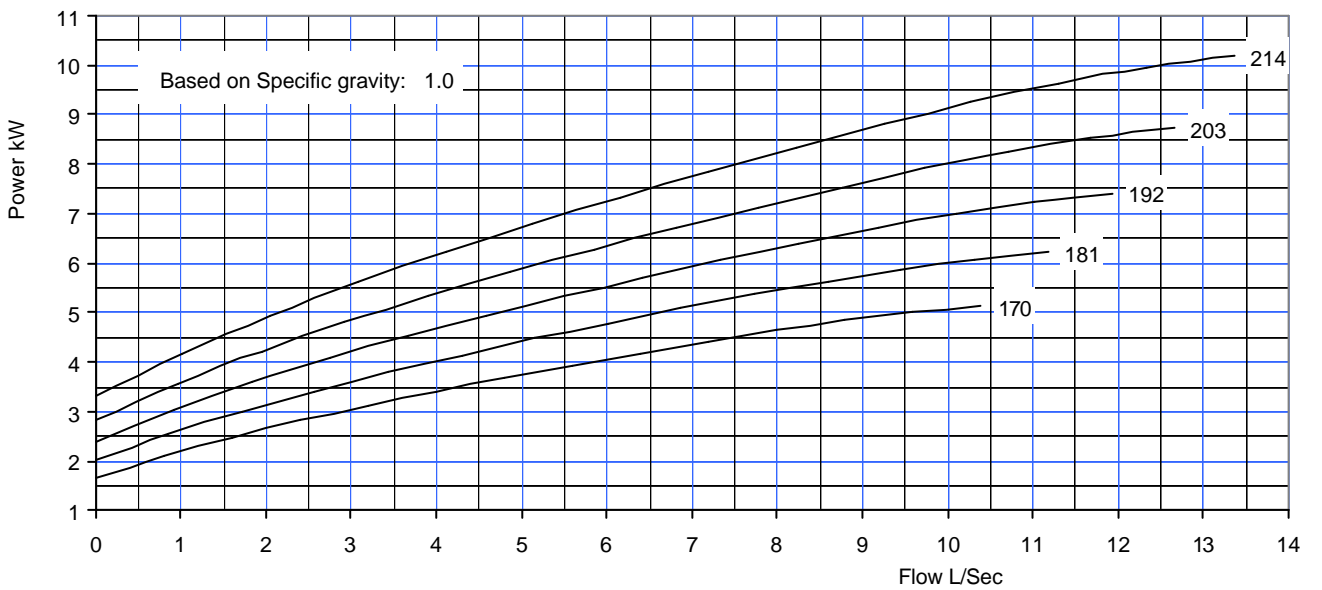
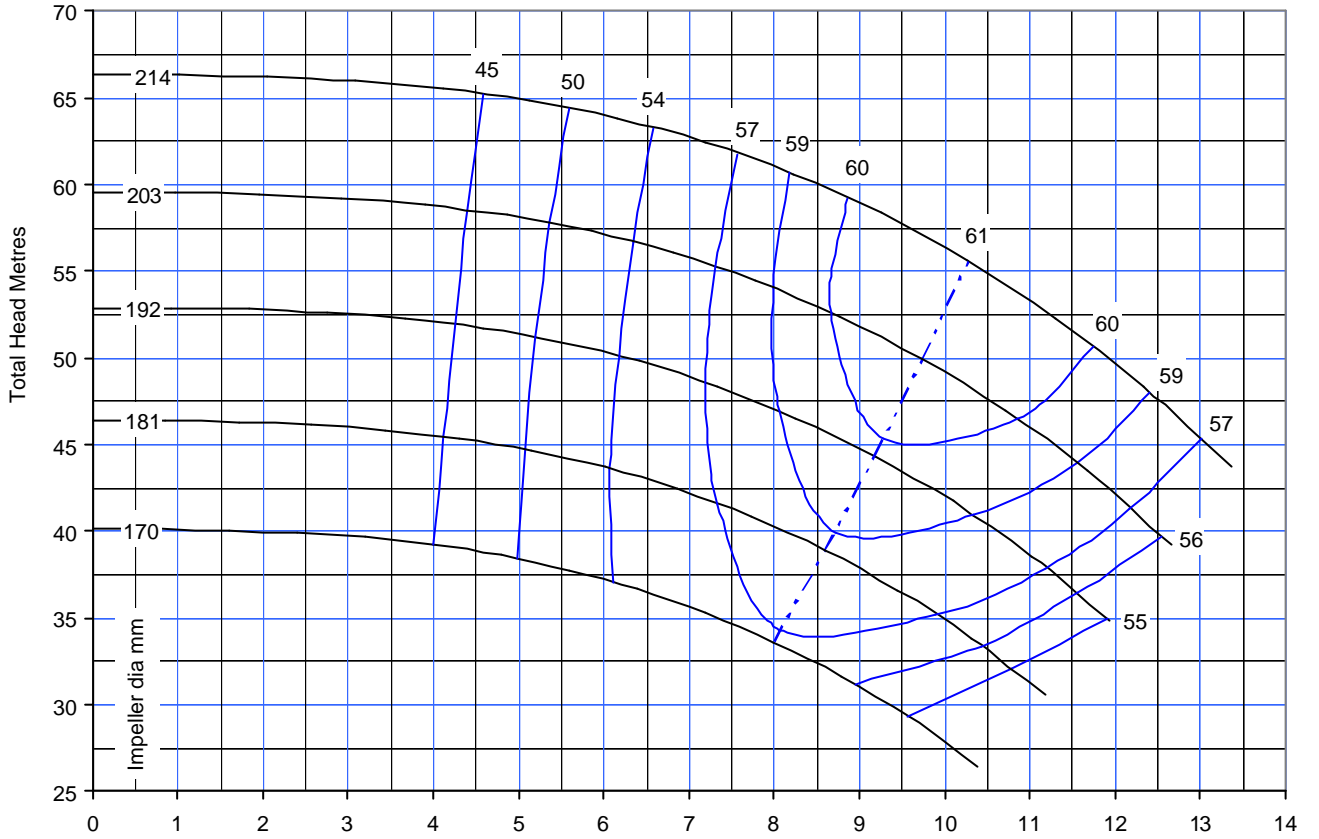
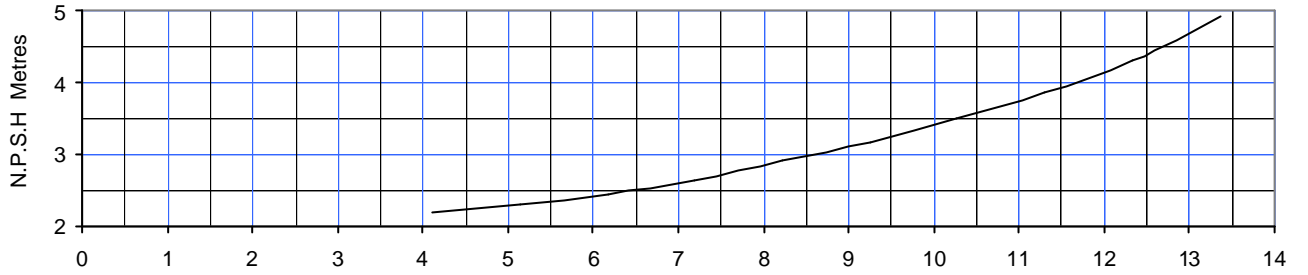
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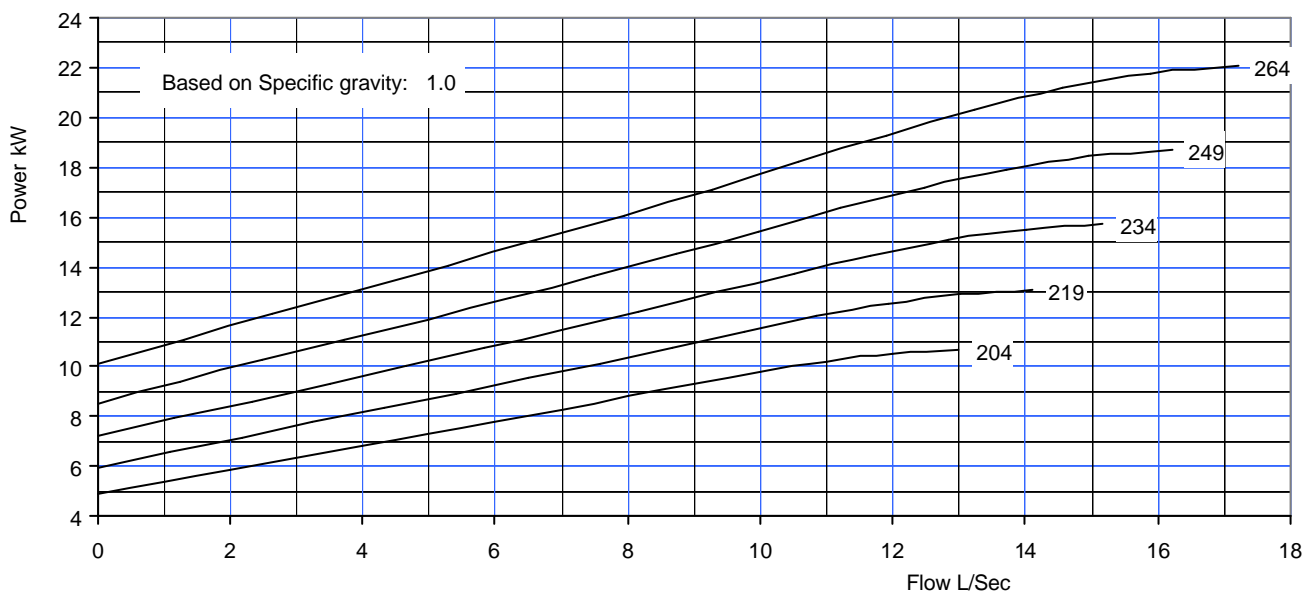
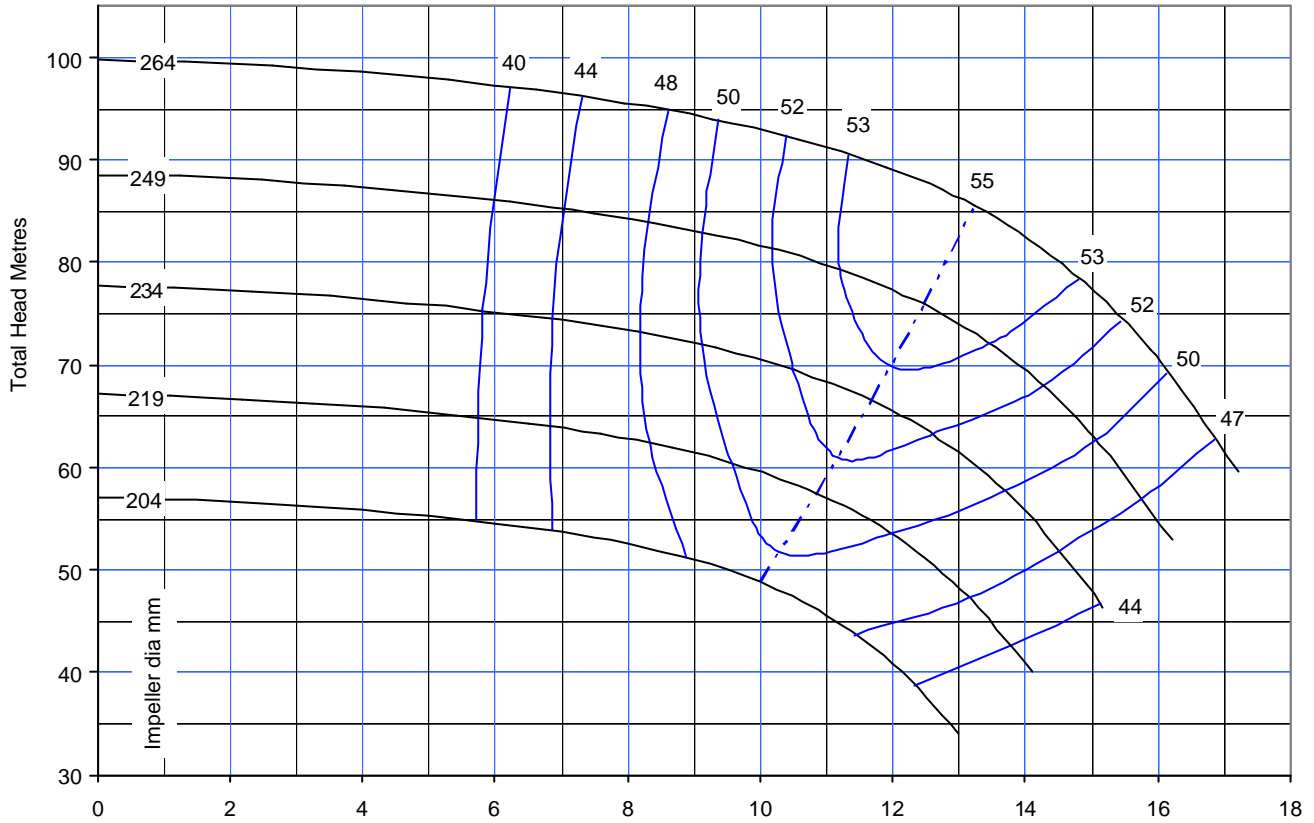
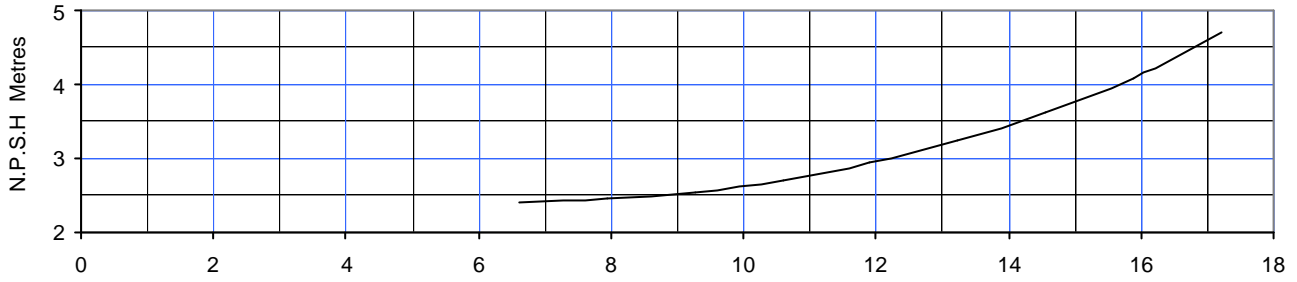
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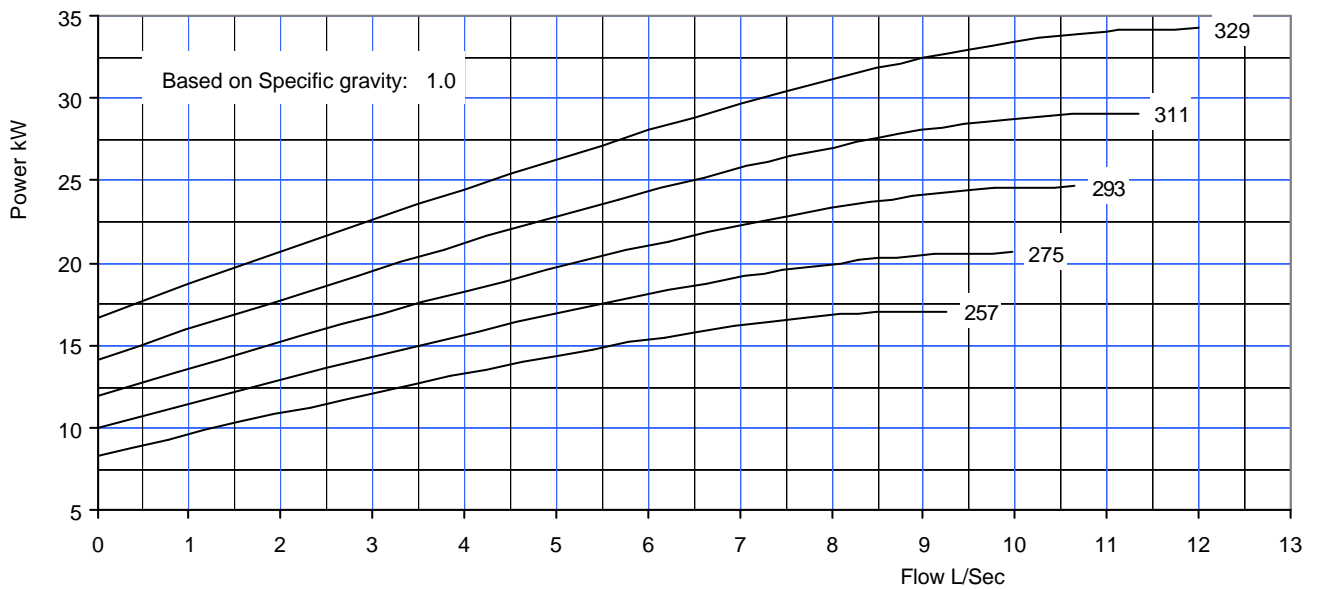
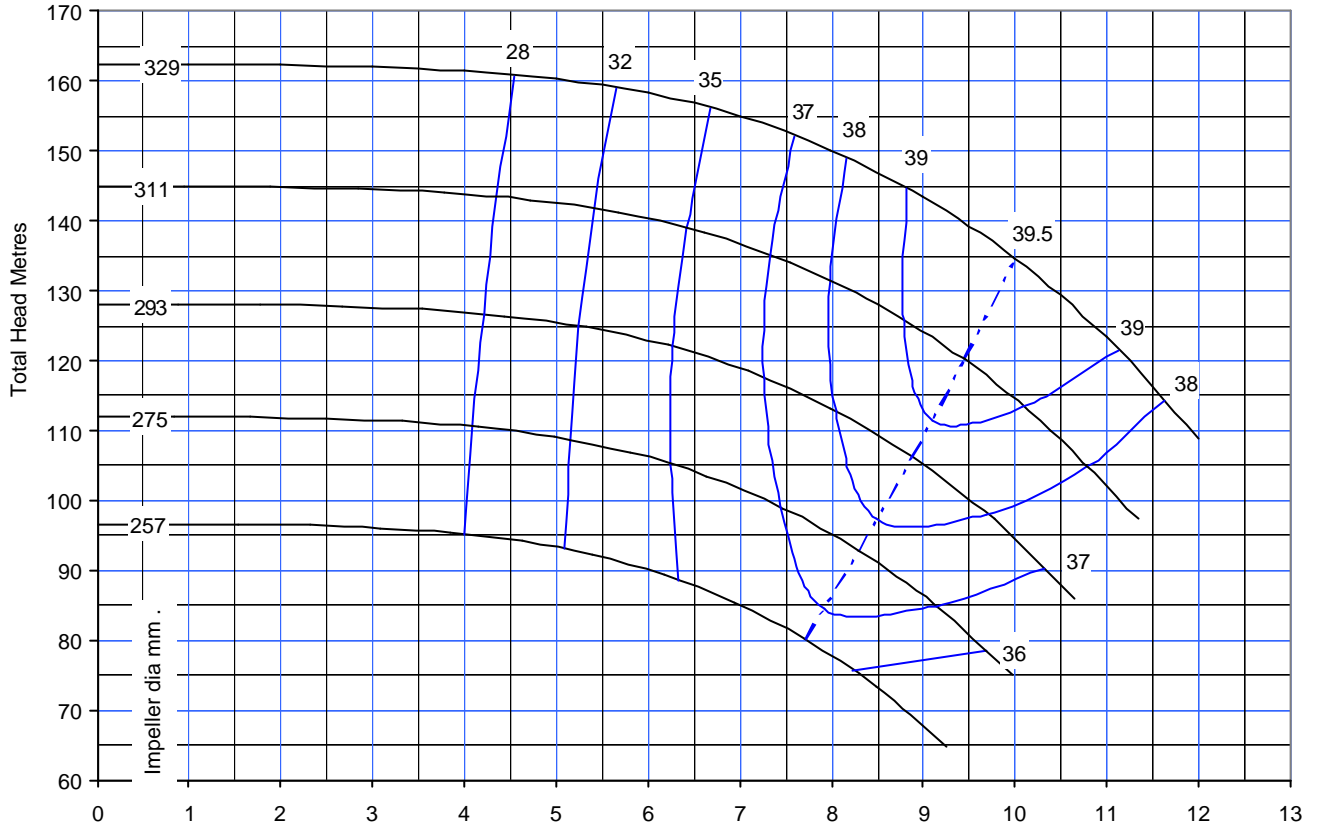
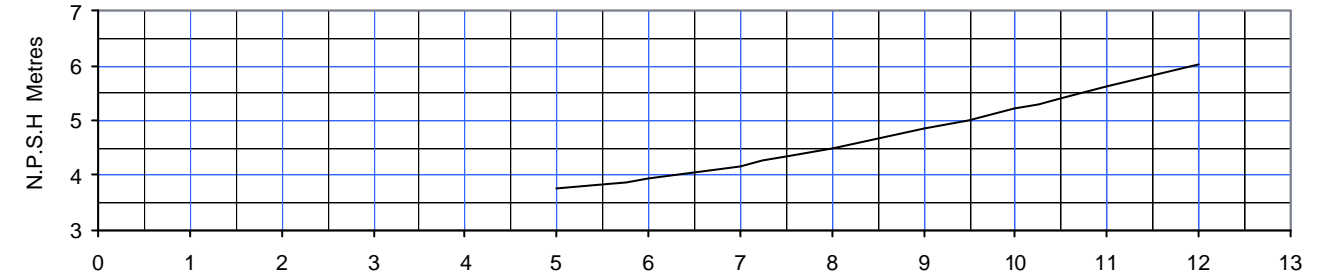
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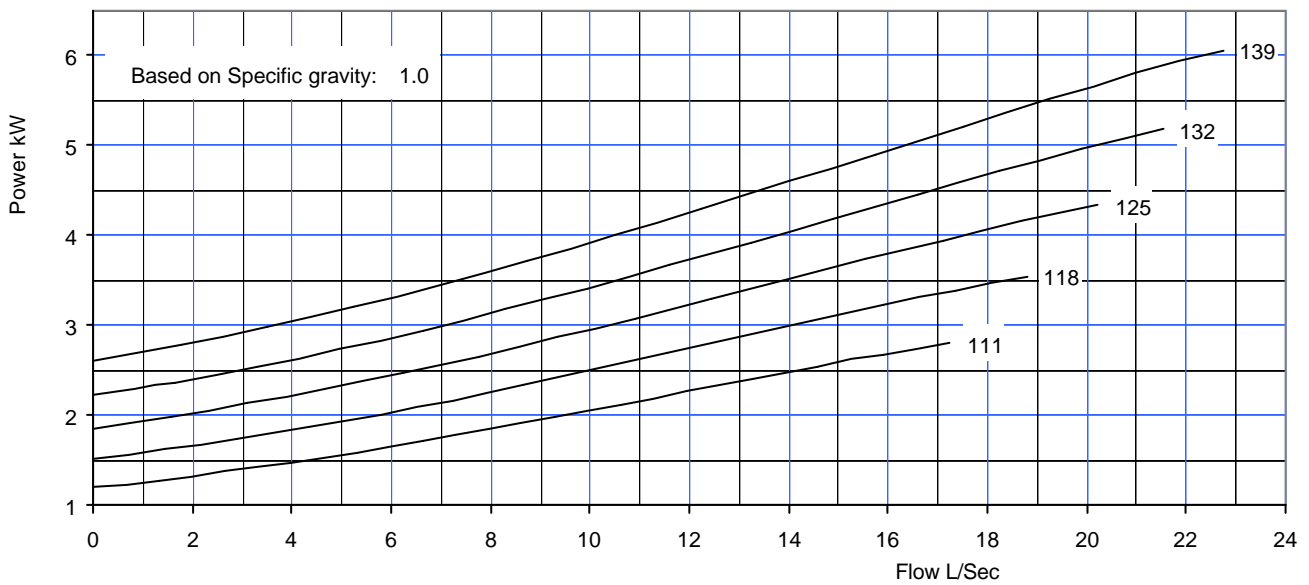
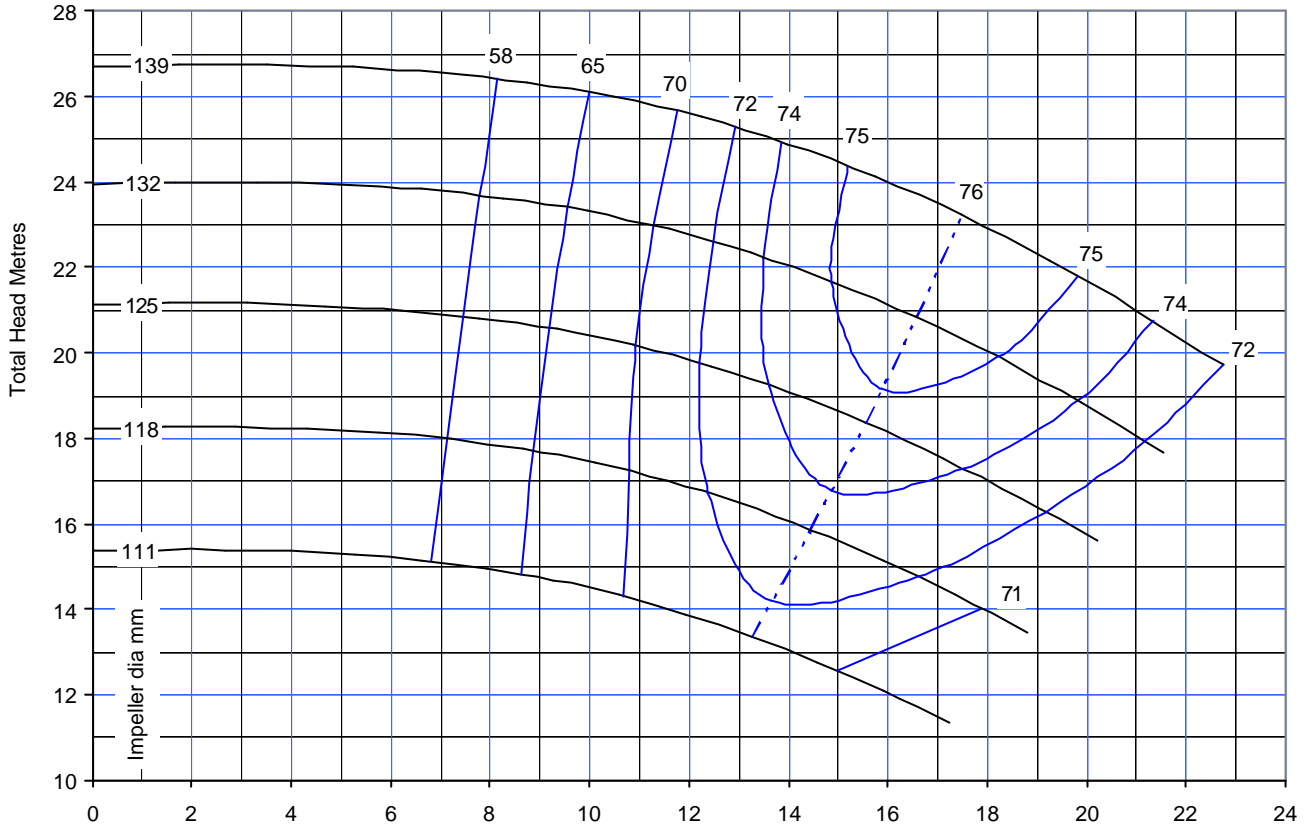
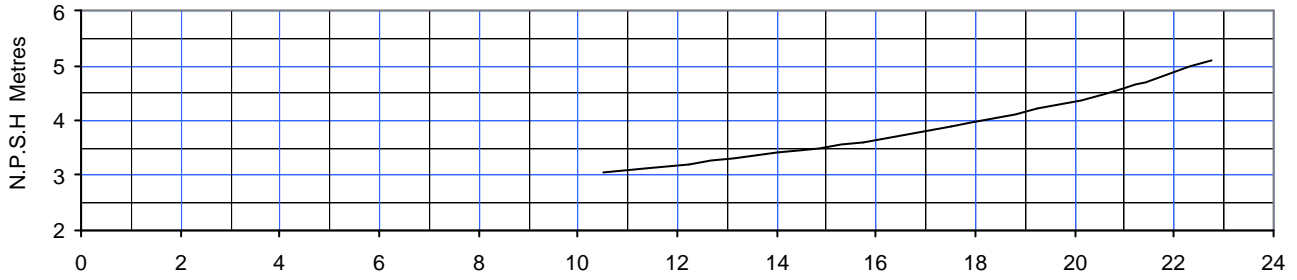
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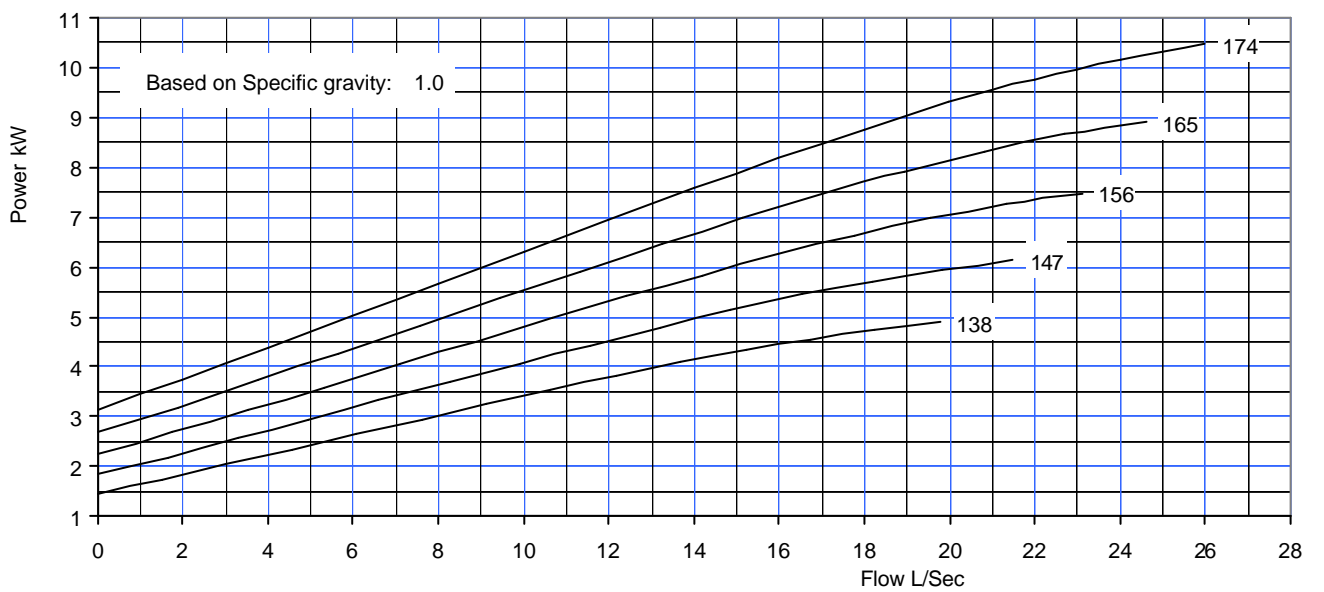
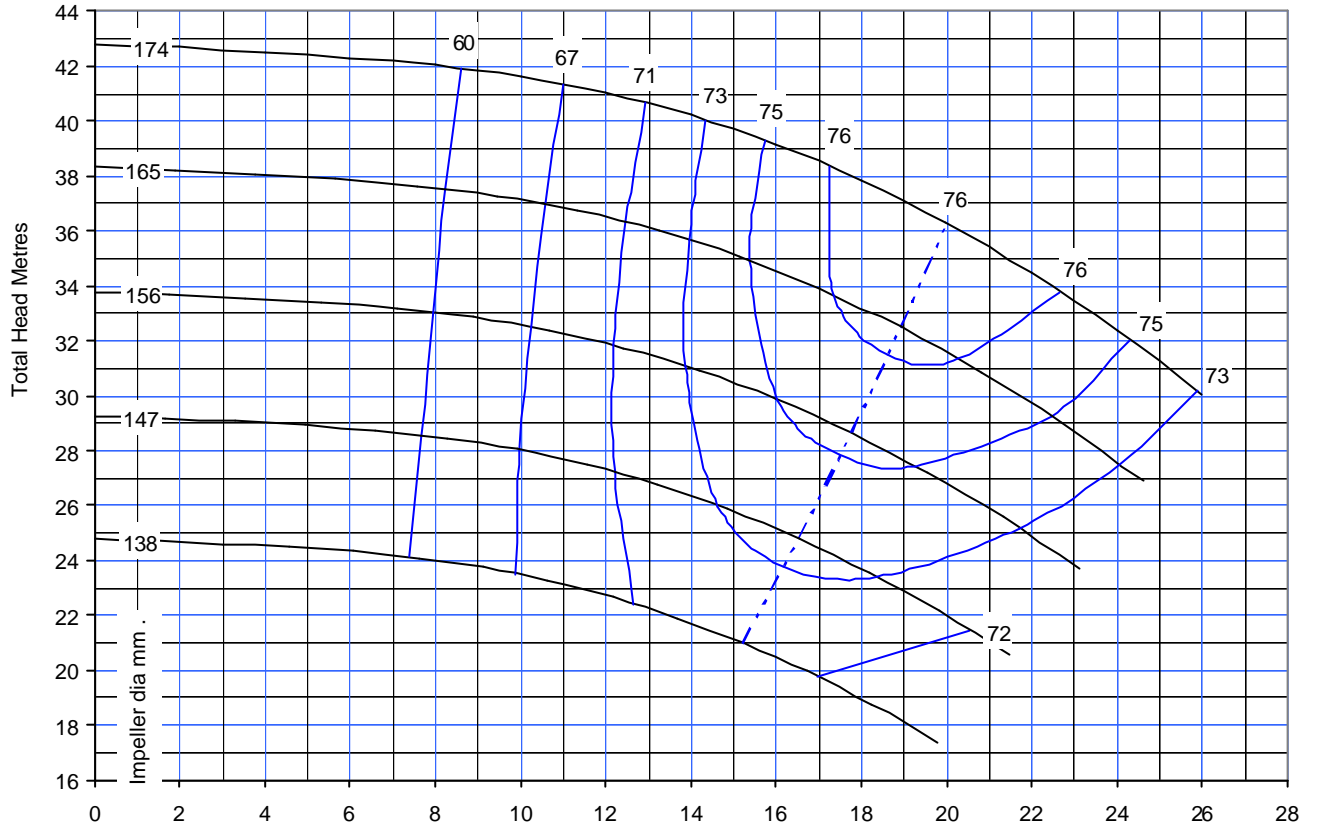
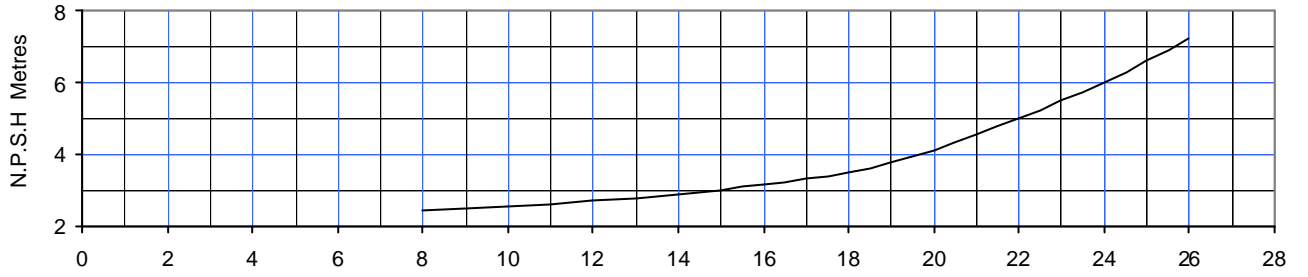
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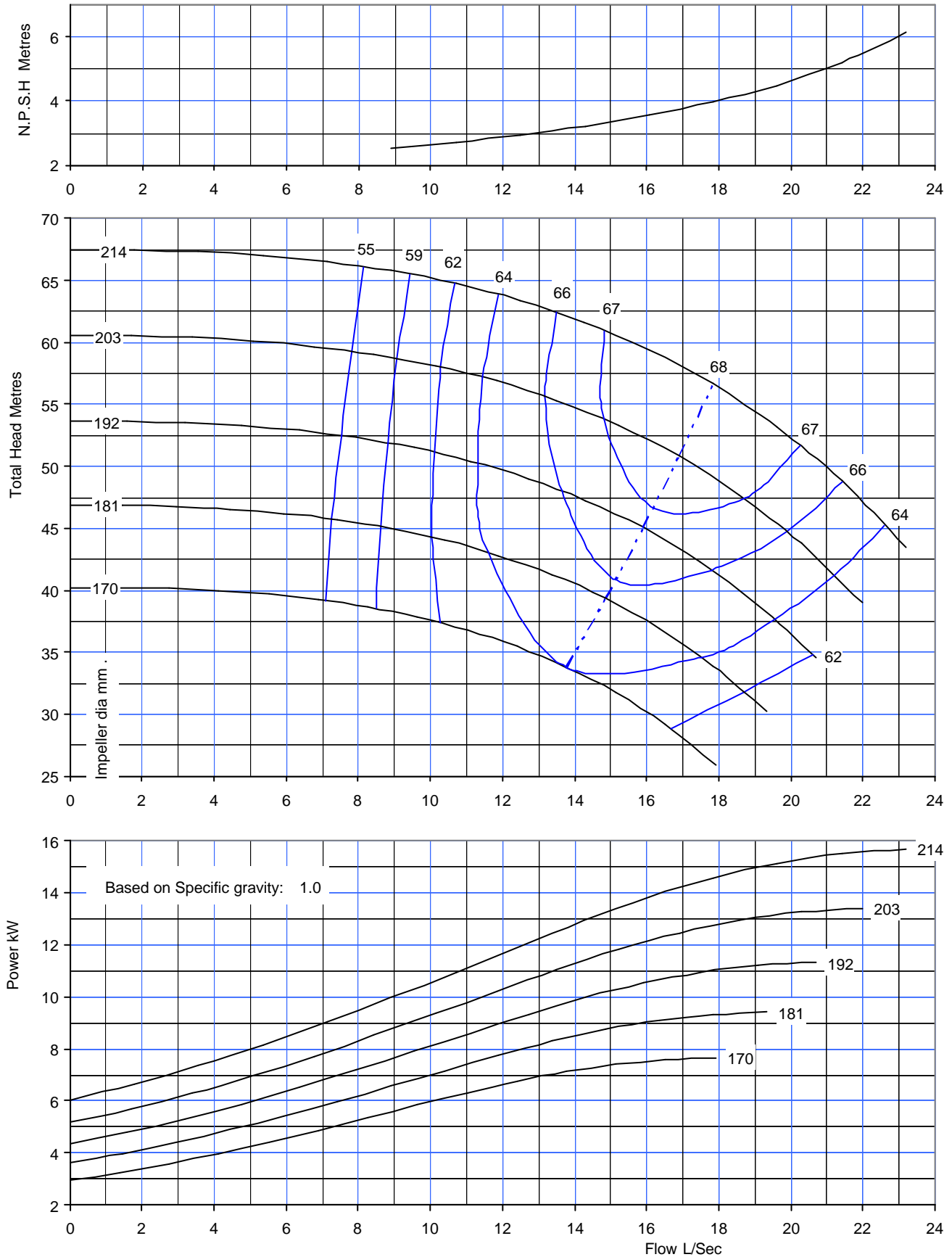
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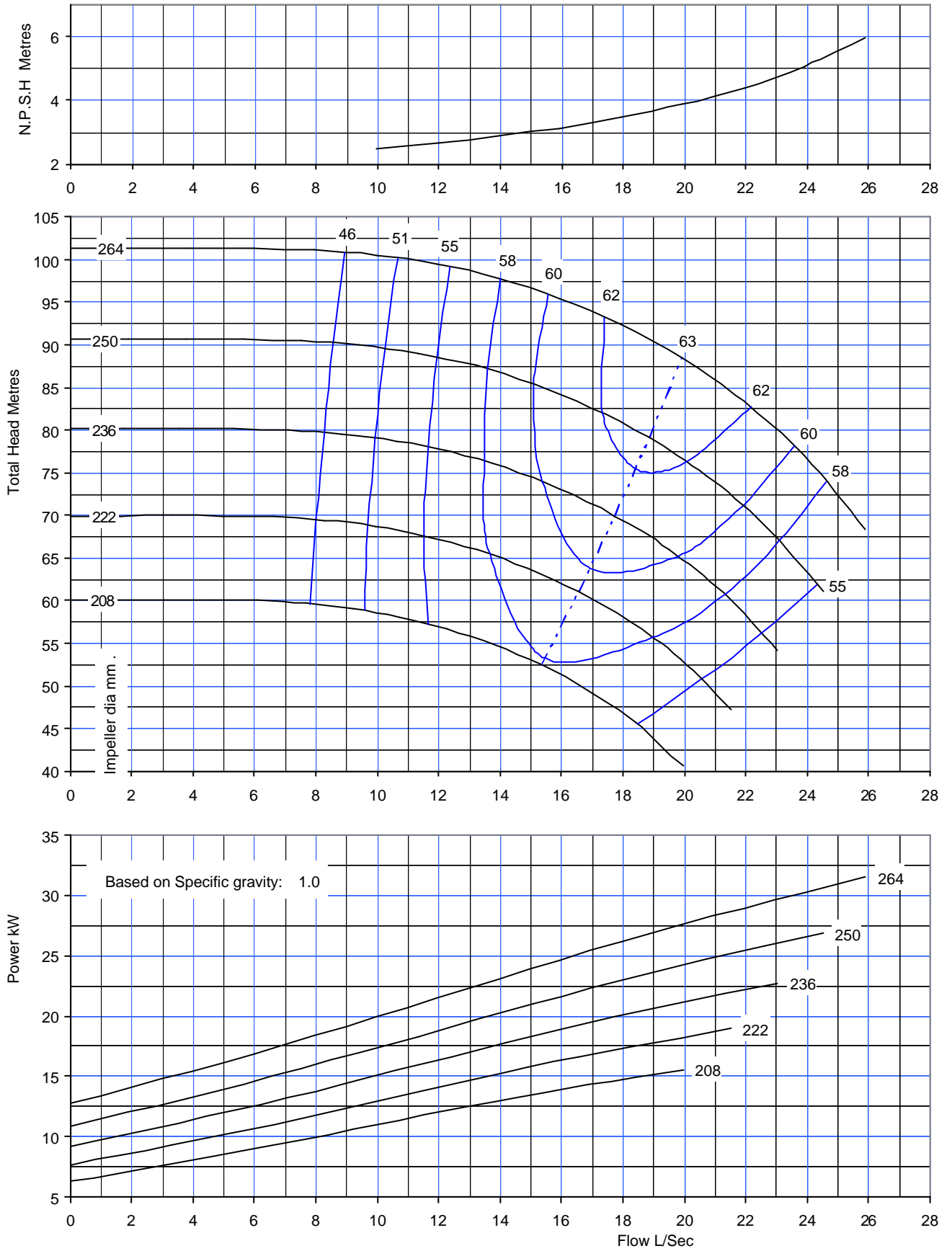
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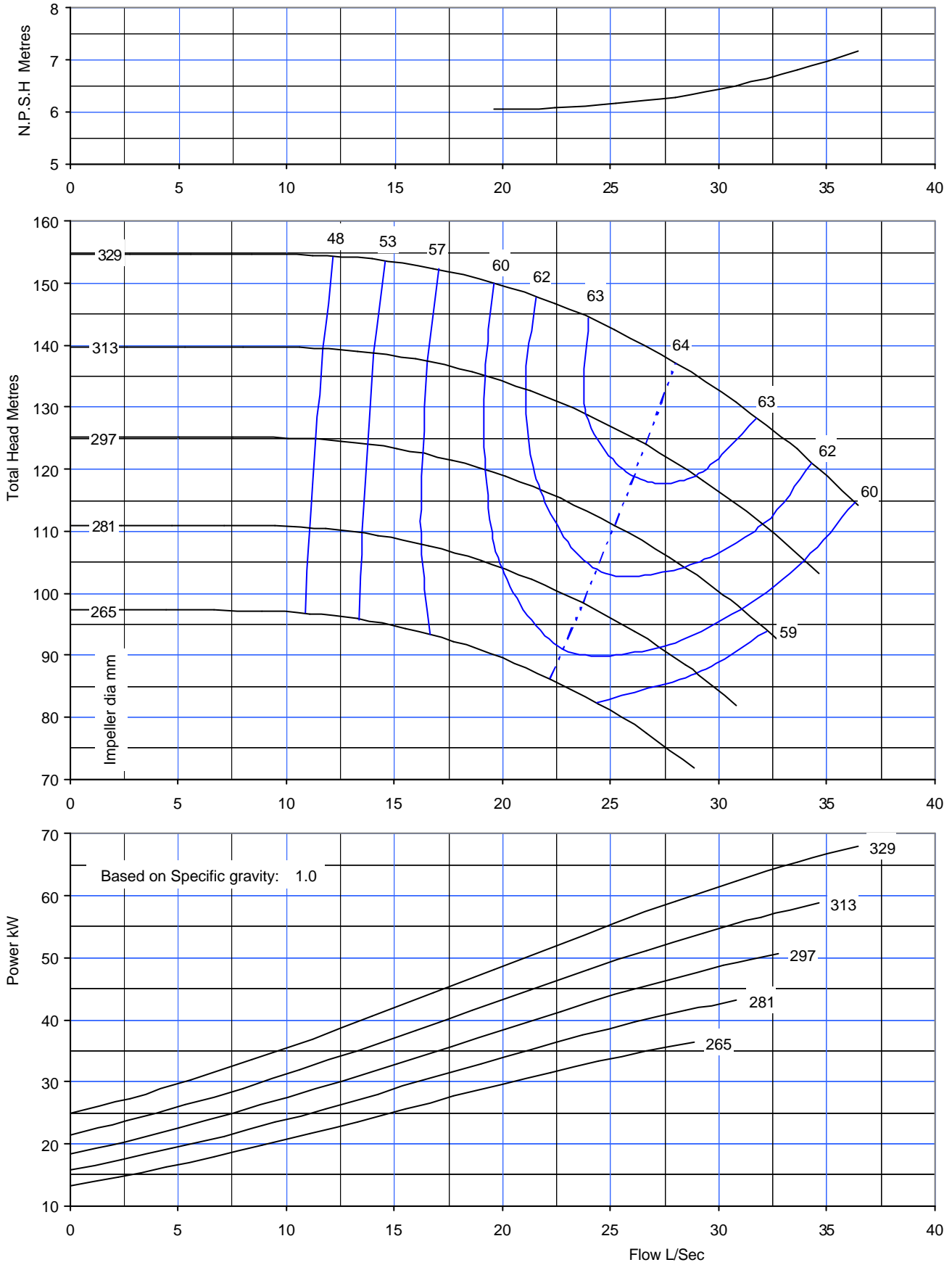
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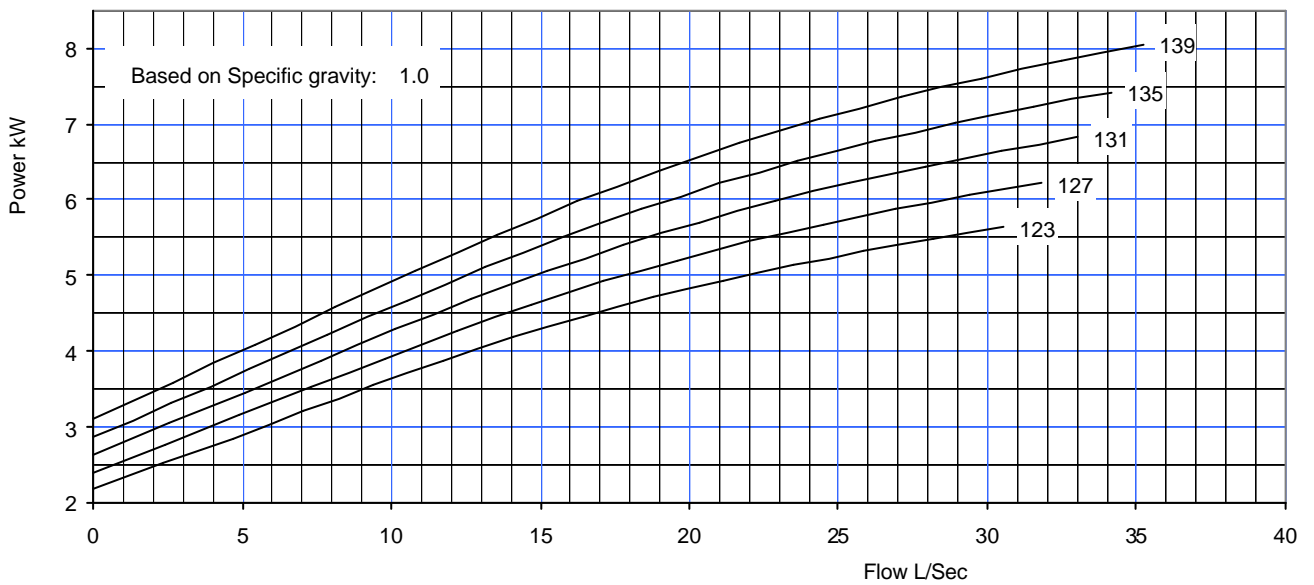
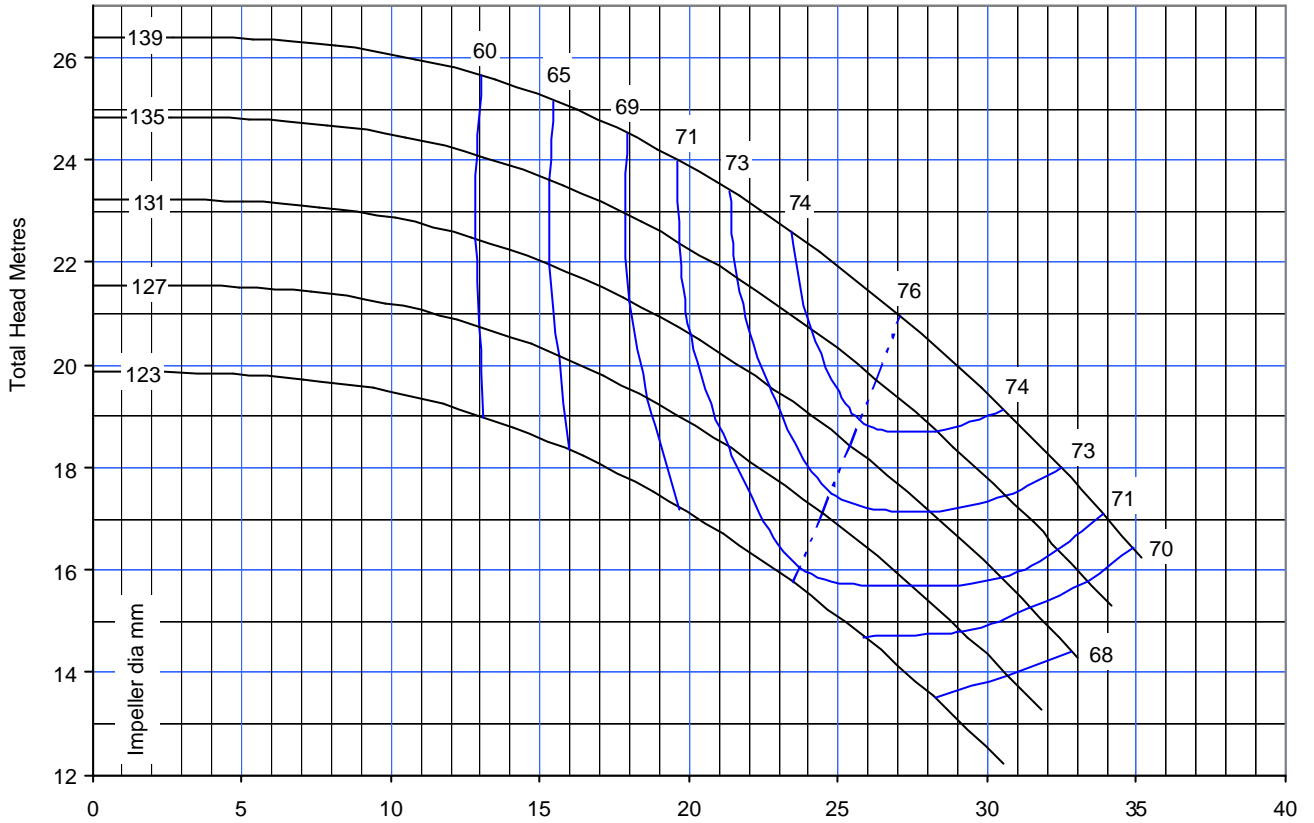
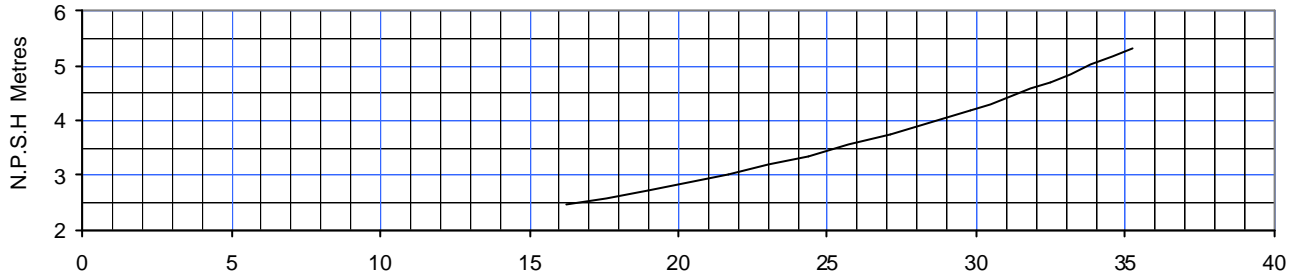
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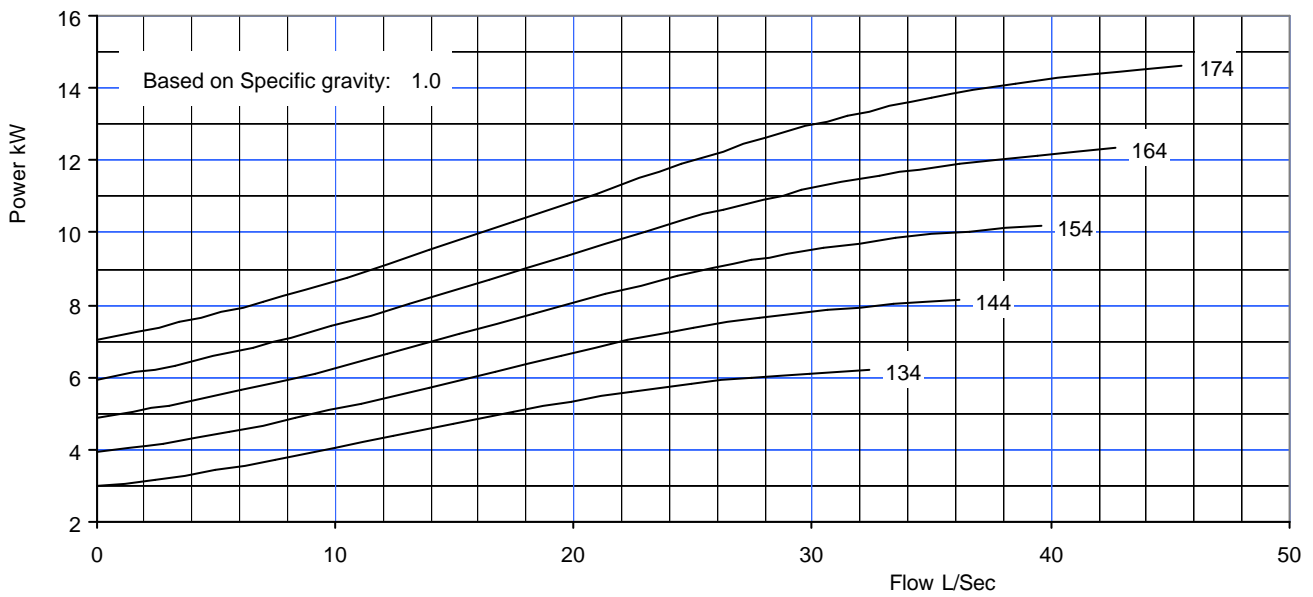
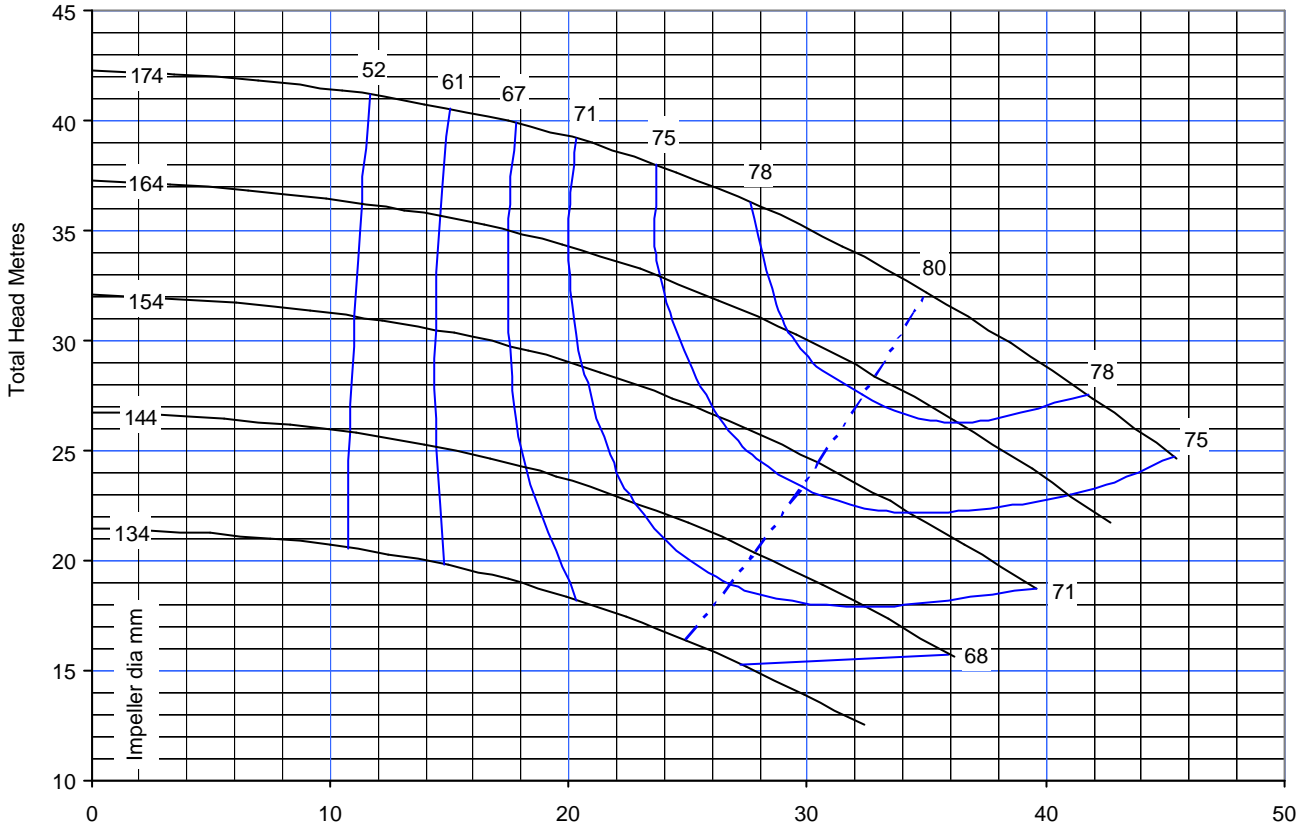
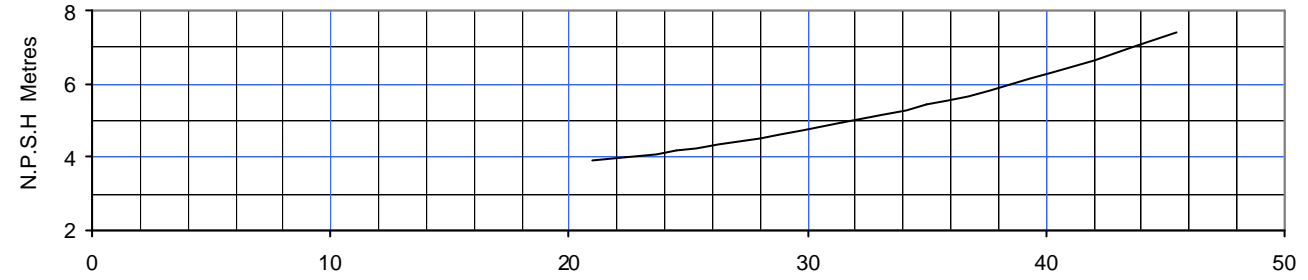
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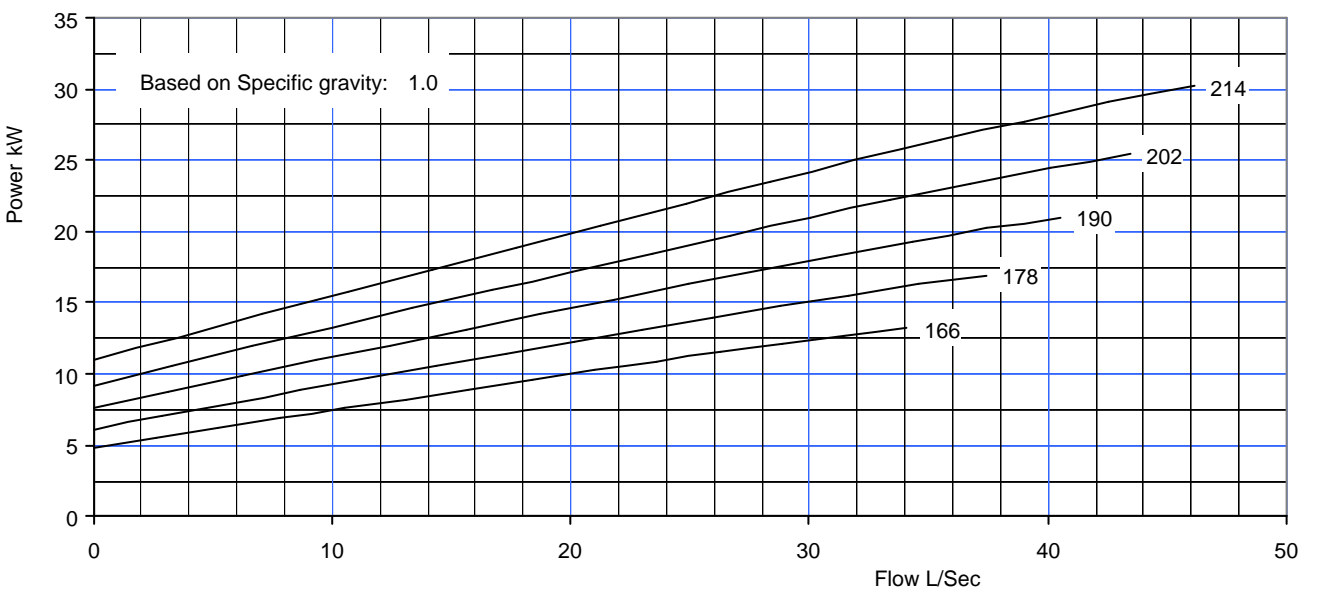
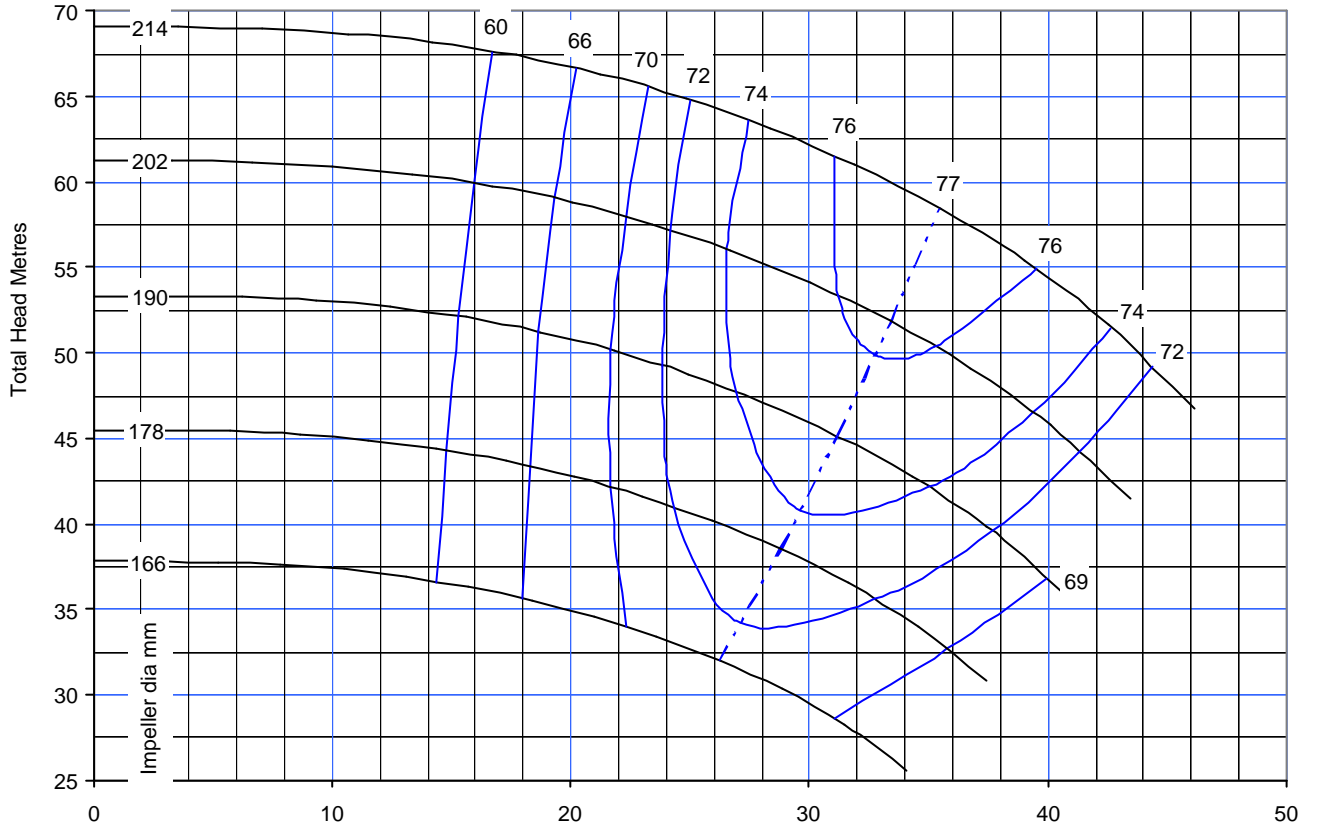
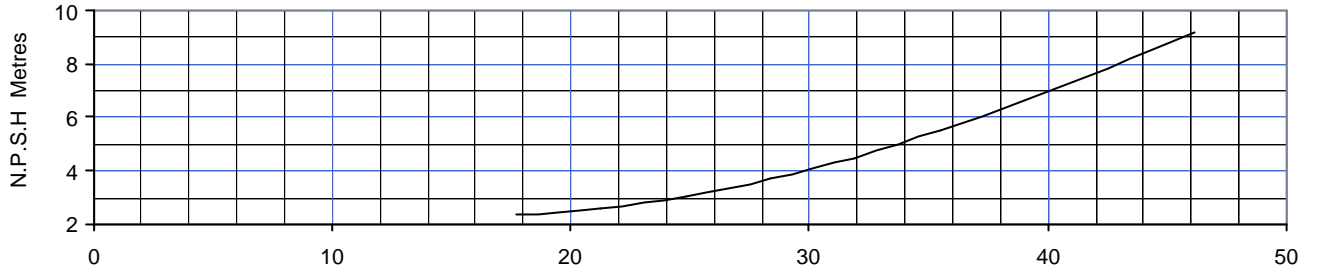
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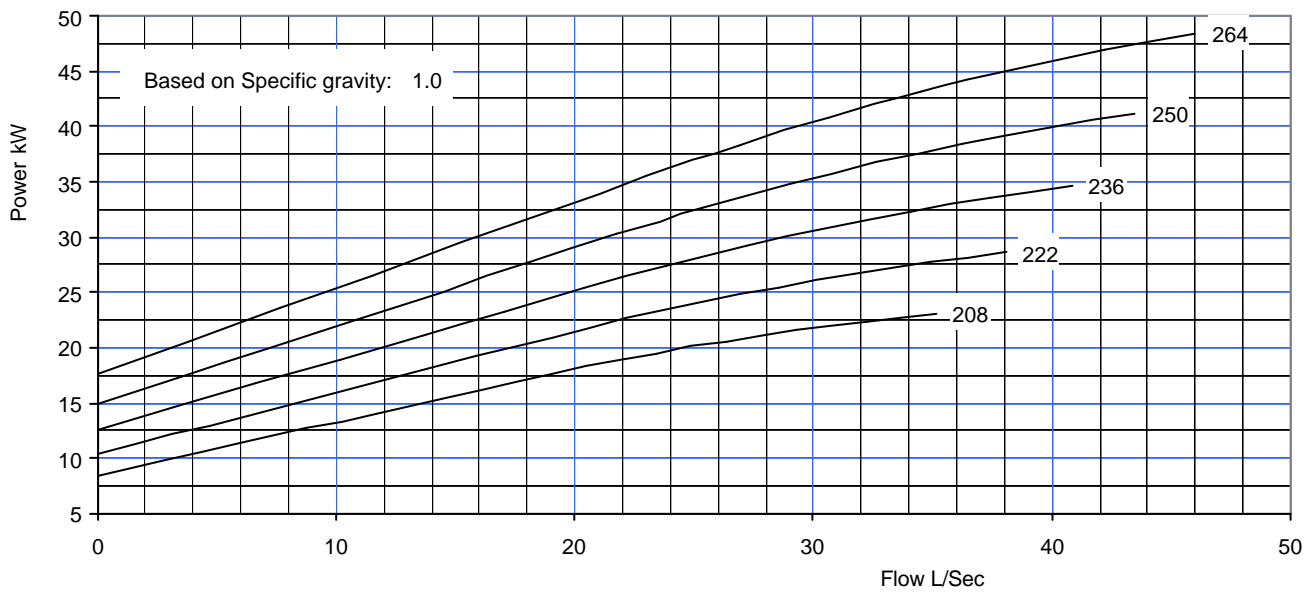
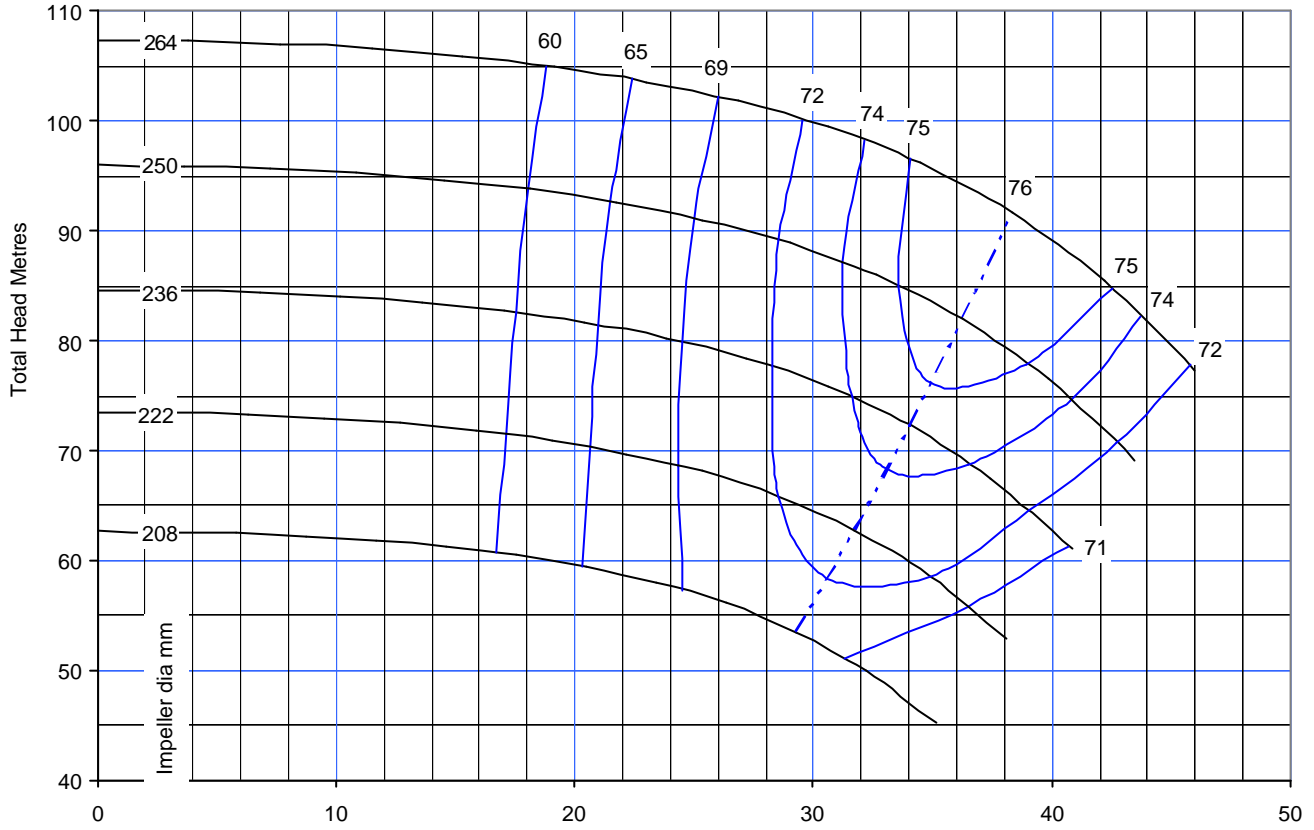
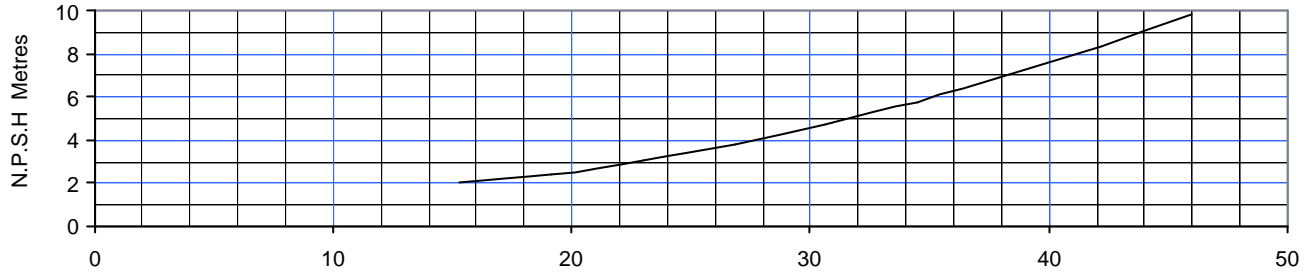
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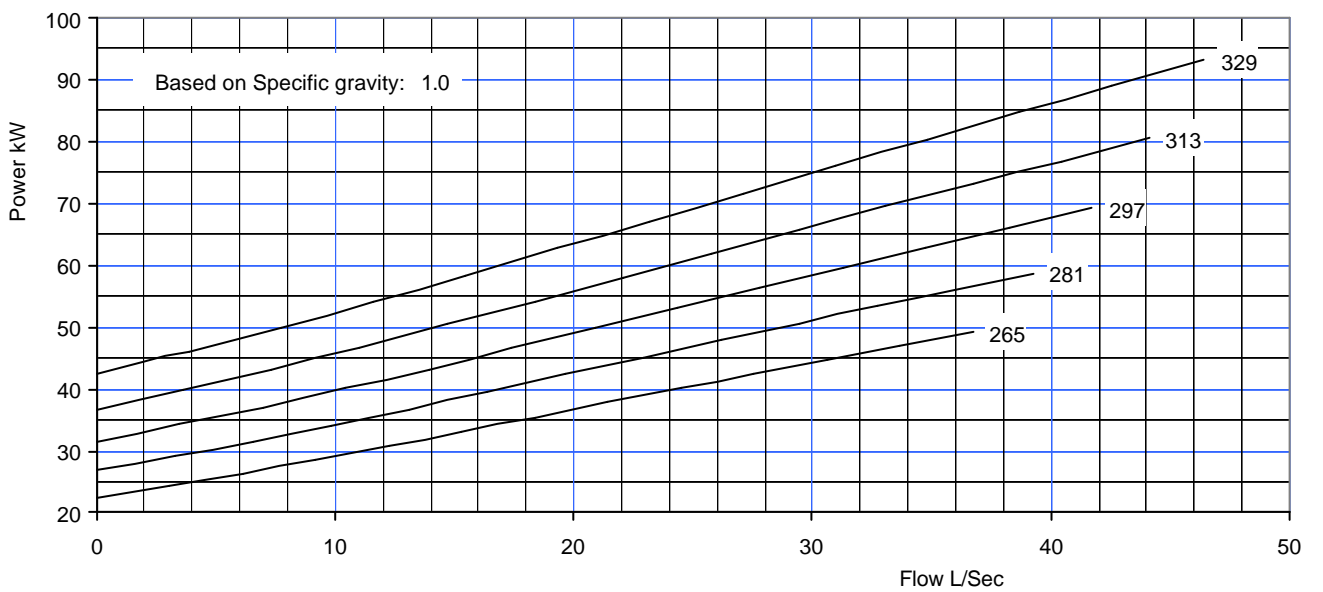
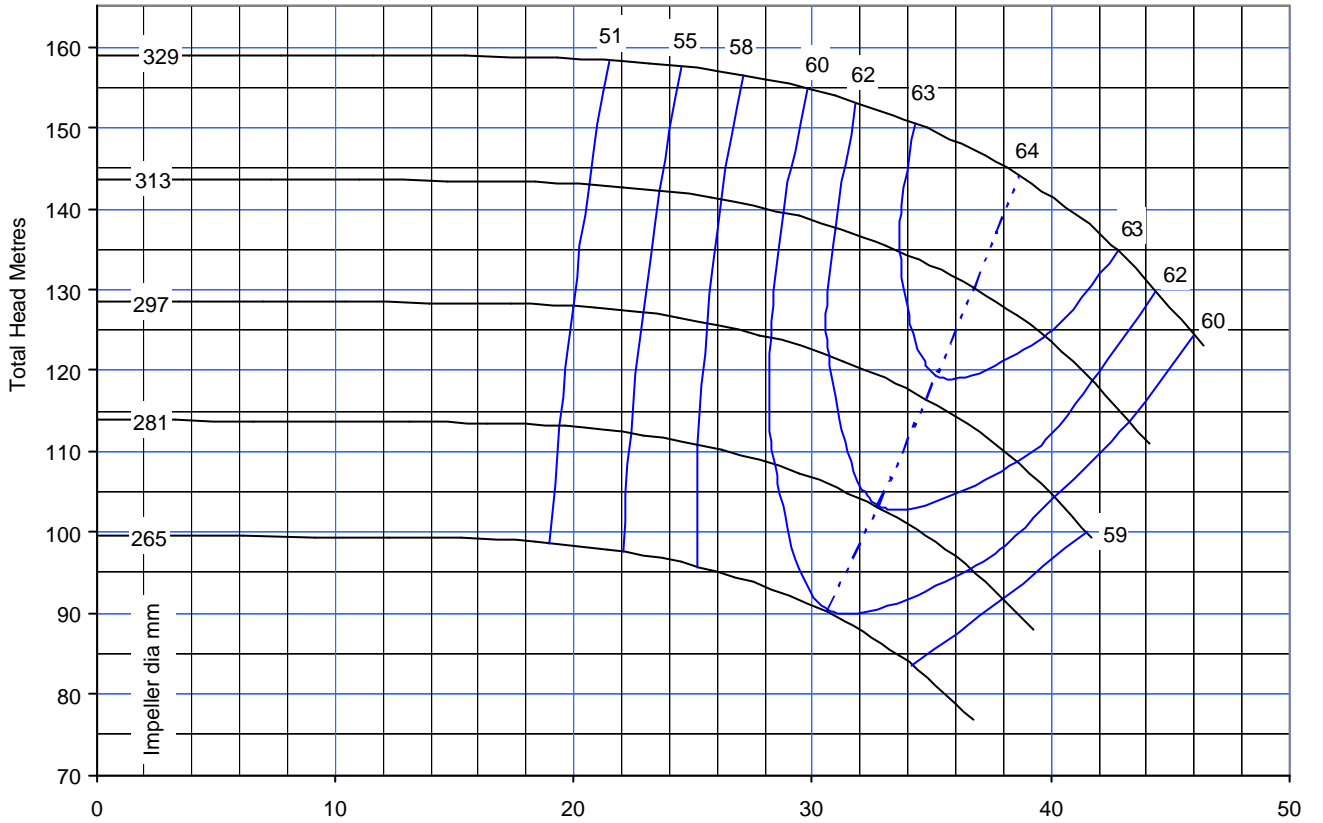
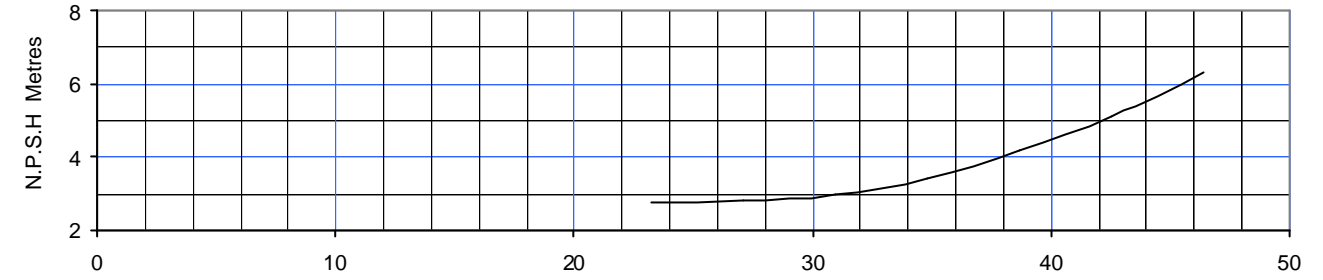
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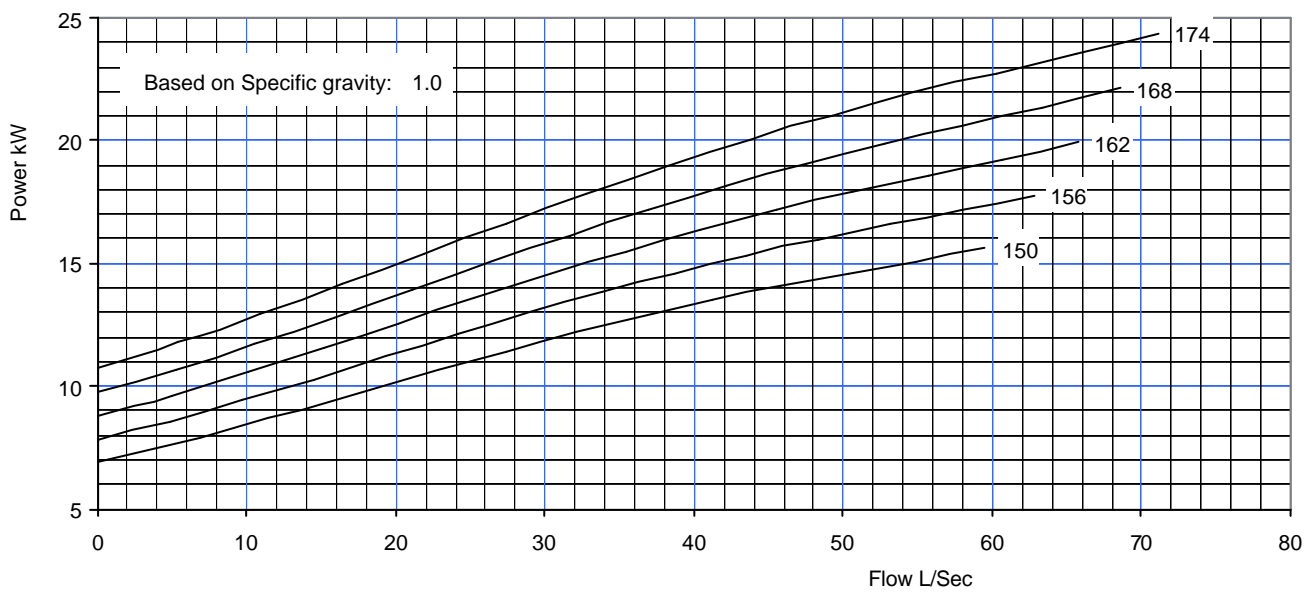
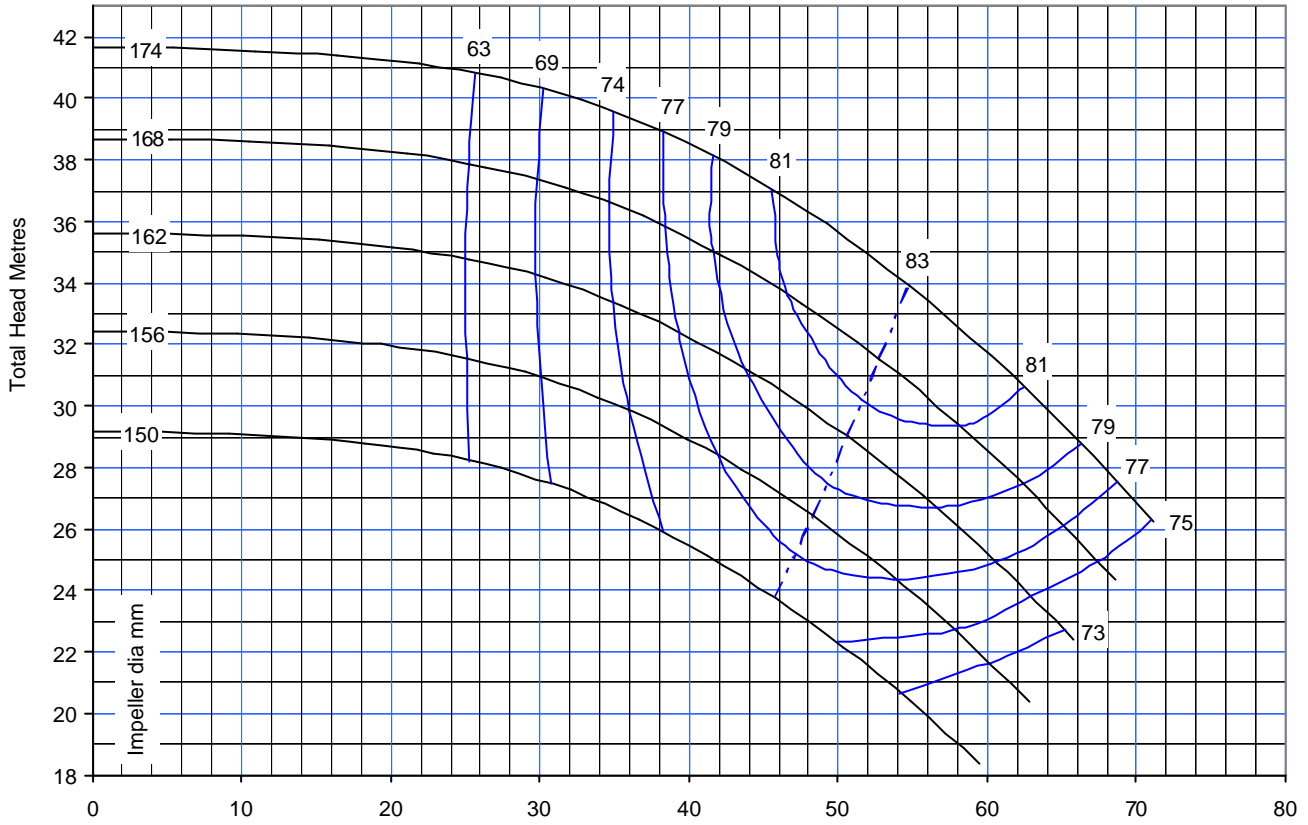
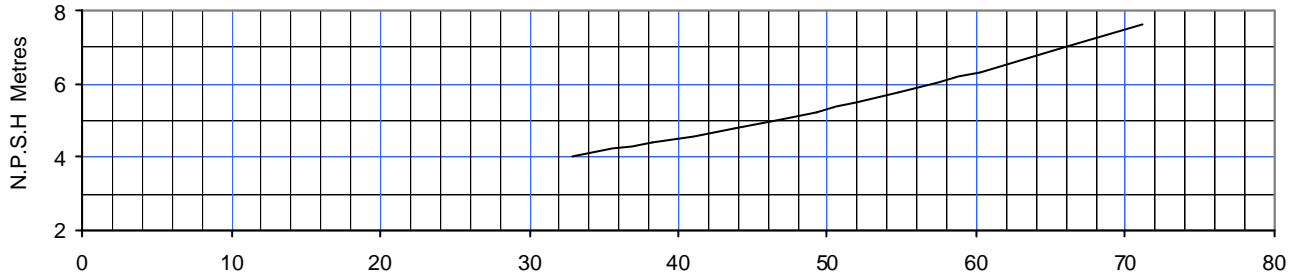
SUCTION DIA 80	DISCHARGE DIA 65	MAX PRESSURE 12 bar	PUMP MODEL TC 65-200	SPEED 2940
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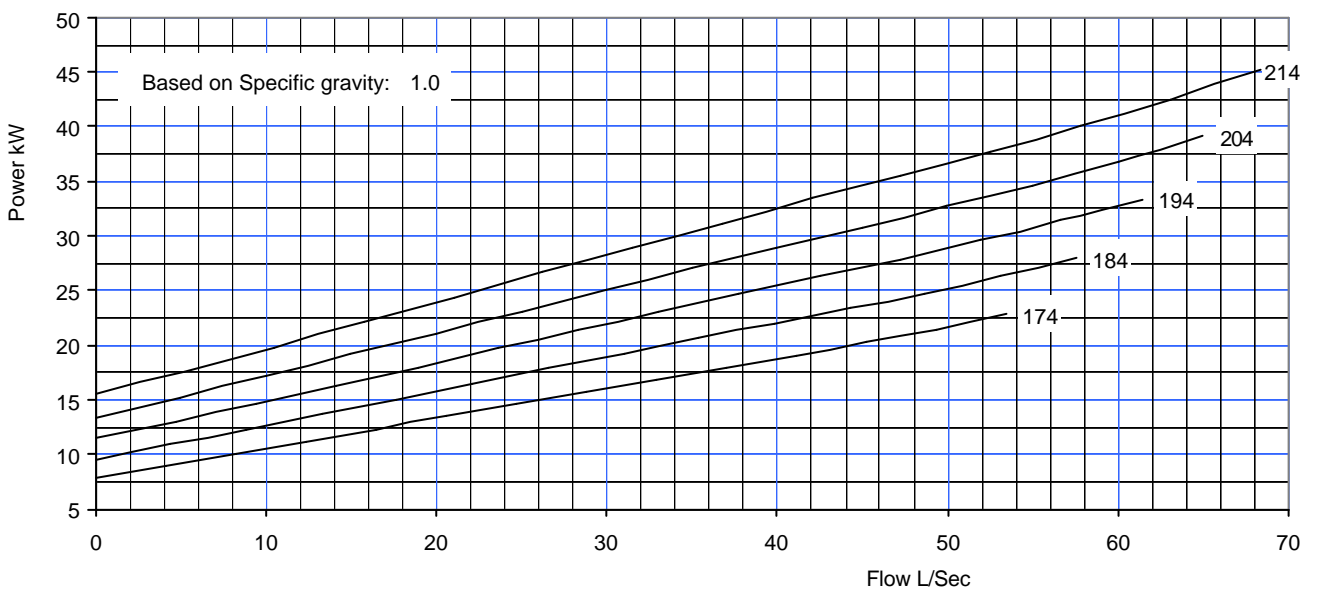
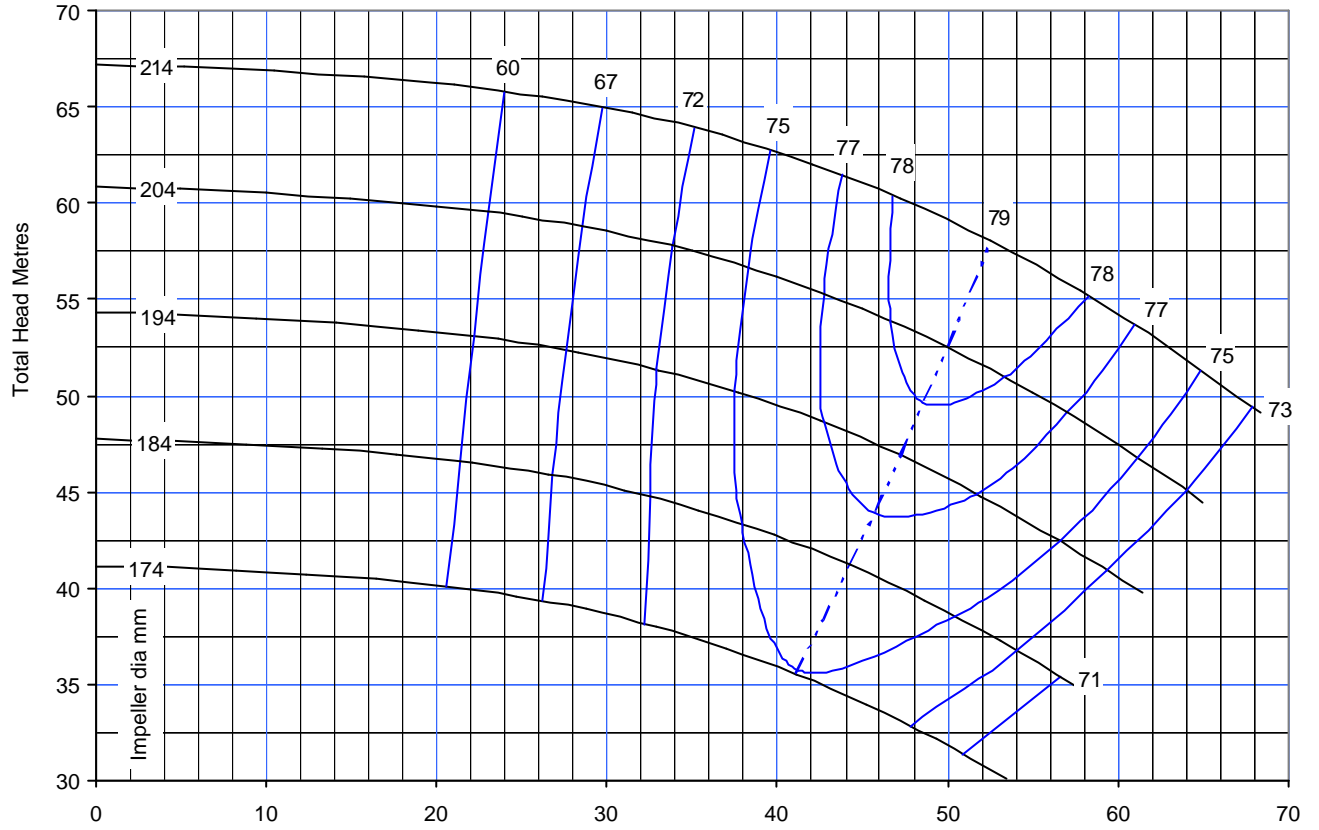
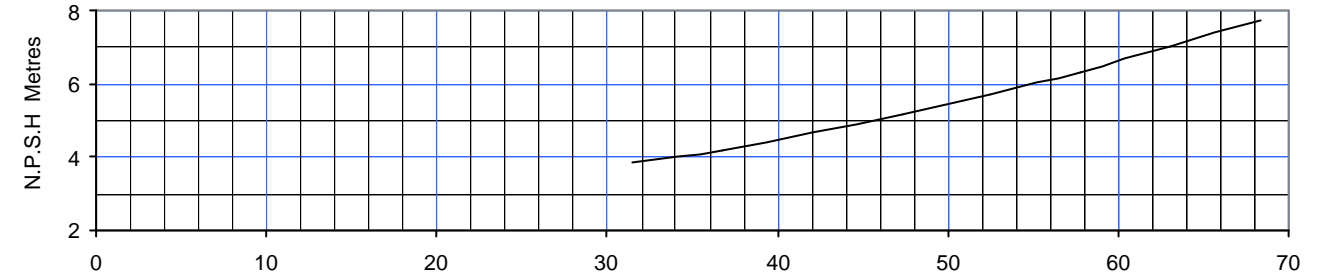
SUCTION DIA 80	DISCHARGE DIA 65	MAX PRESSURE 12 bar	PUMP MODEL TC 65-250	SPEED 2965
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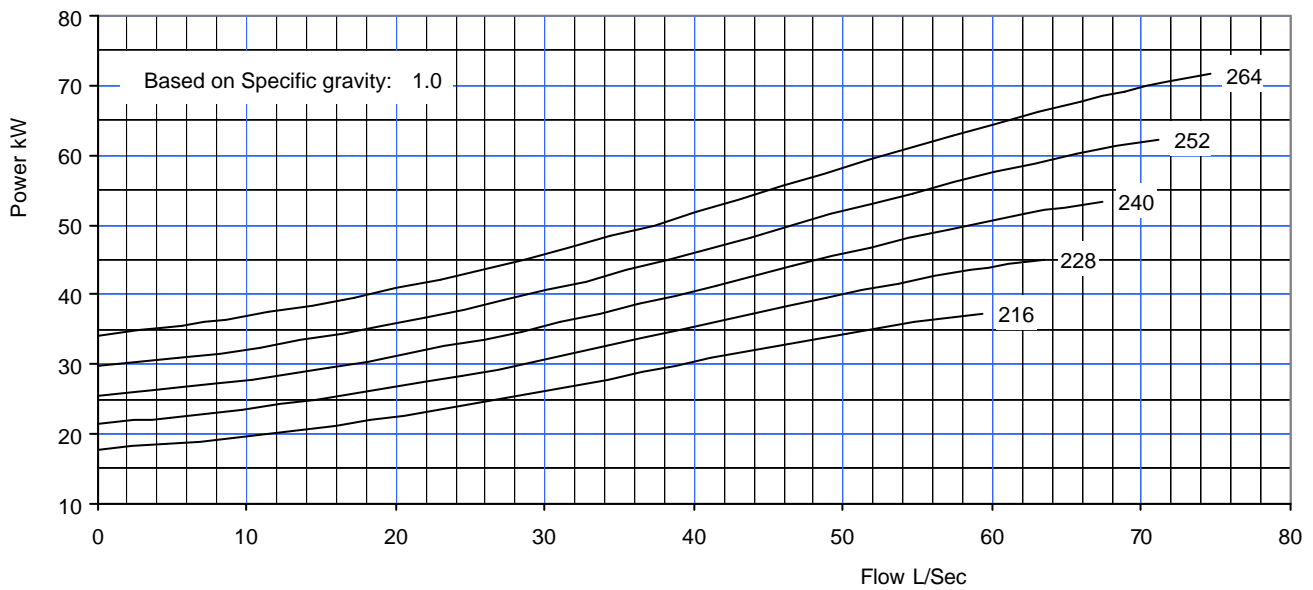
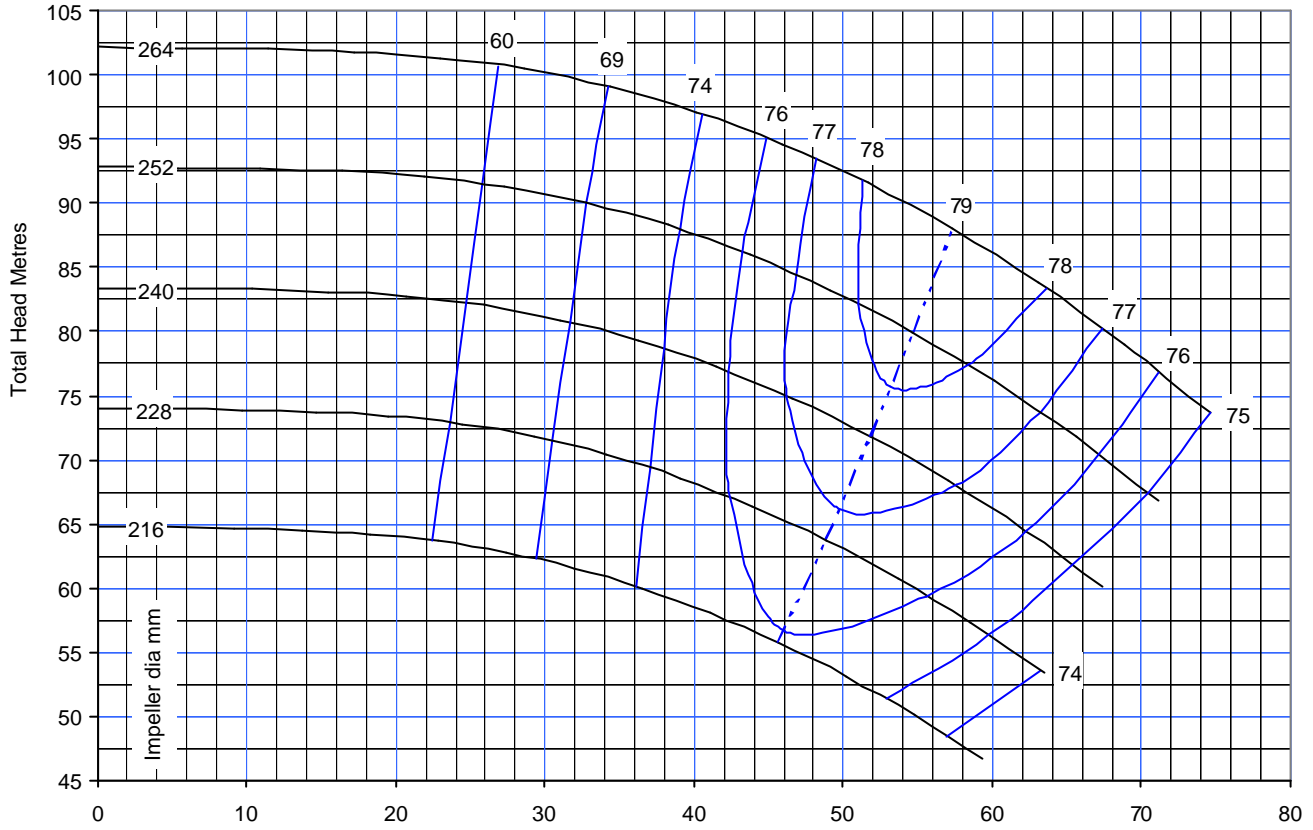
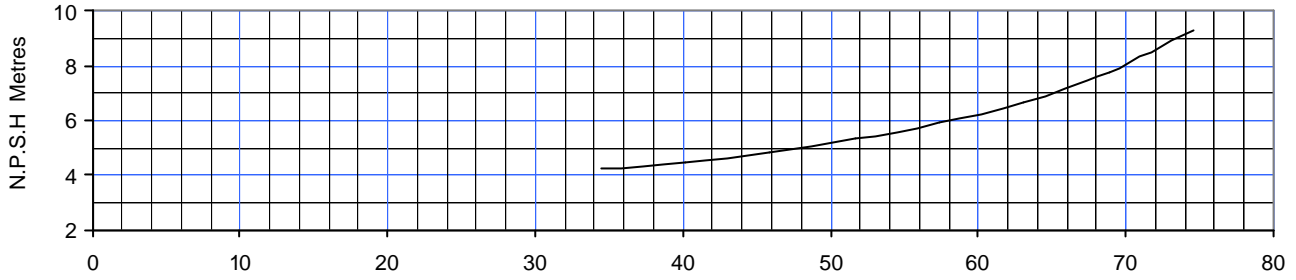
SUCTION DIA 80	DISCHARGE DIA 65	MAX PRESSURE 16 bar	PUMP MODEL TC 65-315	SPEED 2970
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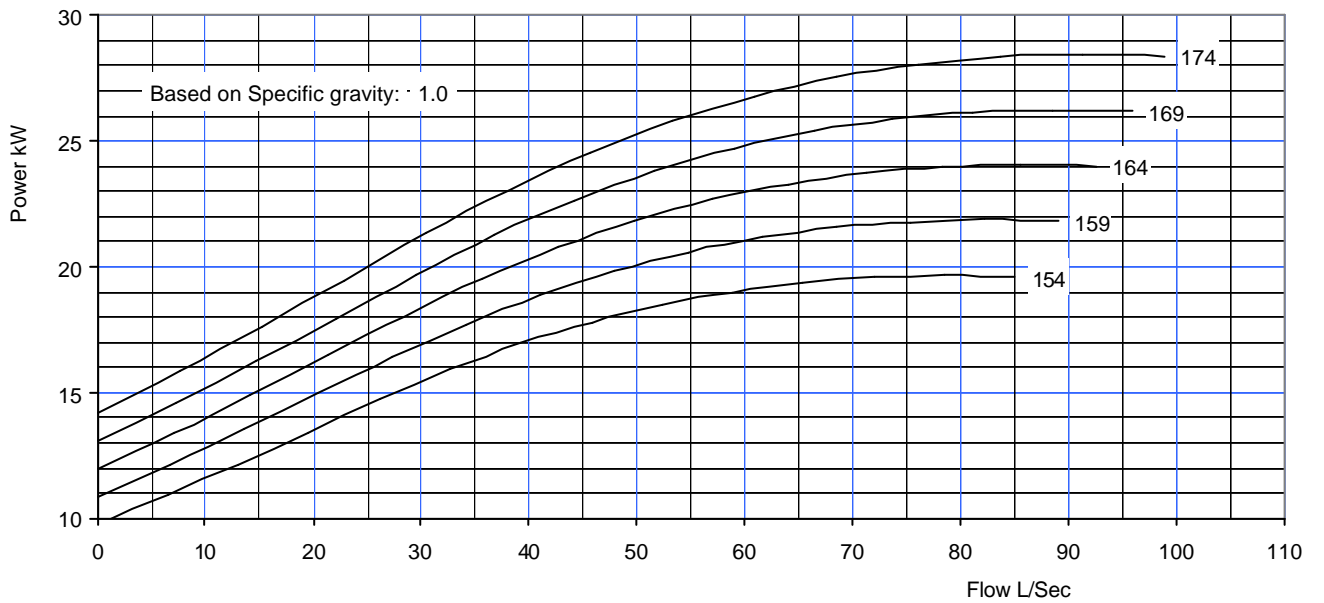
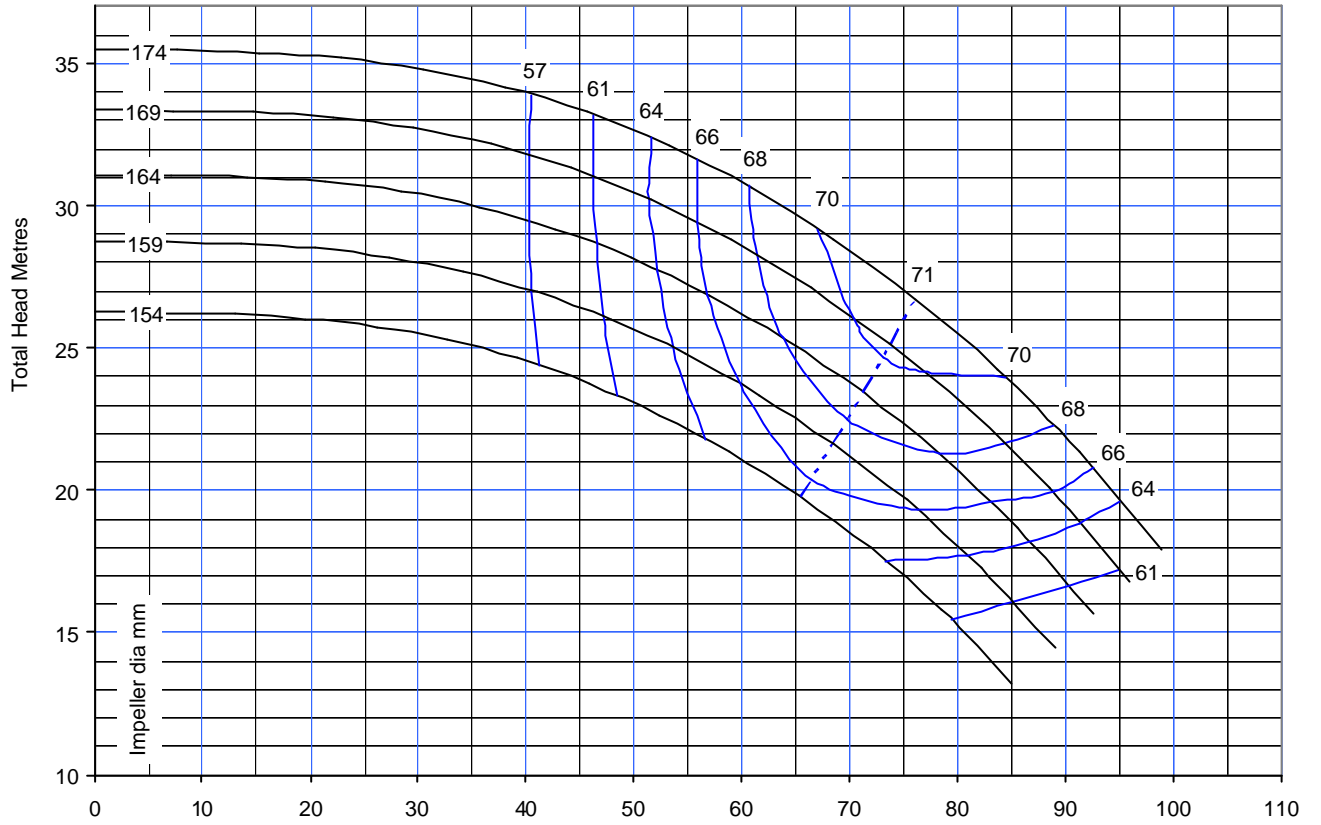
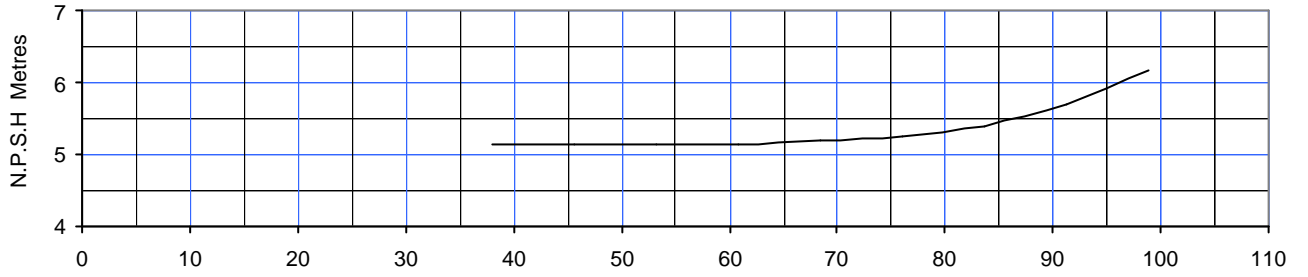
SUCTION DIA 100	DISCHARGE DIA 80	MAX PRESSURE 12 bar	PUMP MODEL TC 80-160	SPEED 2940
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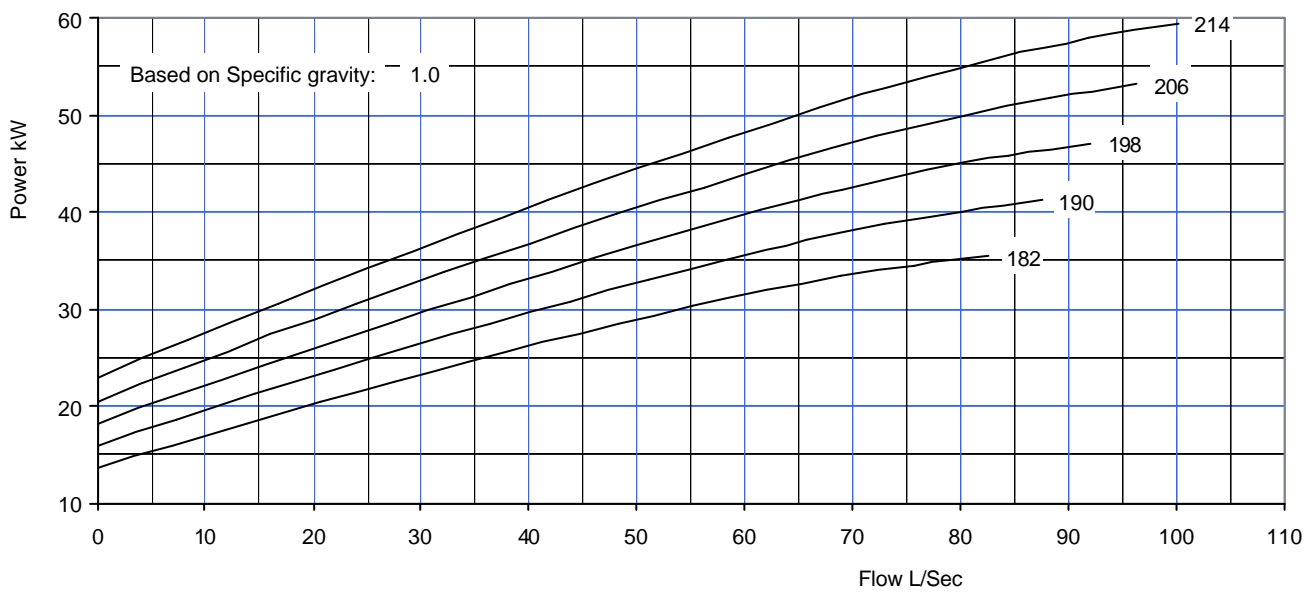
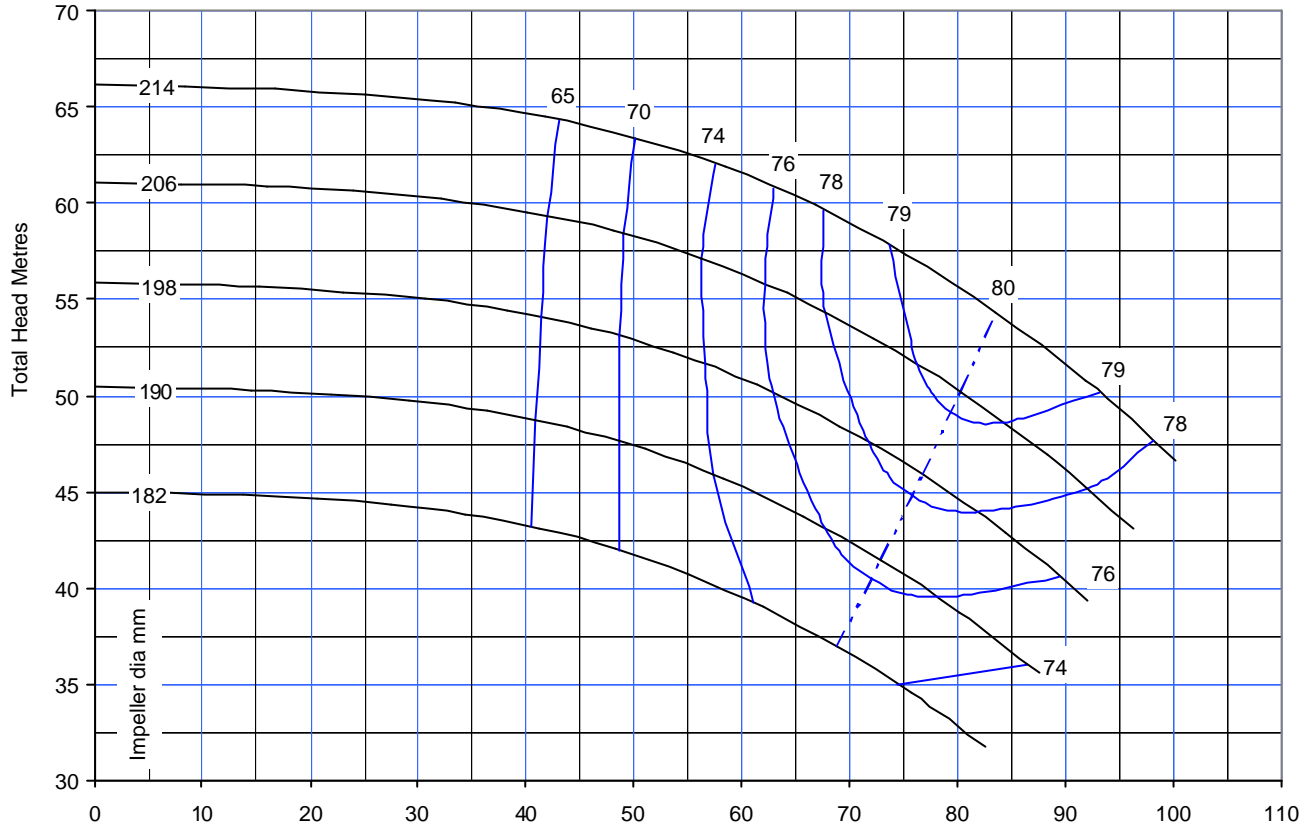
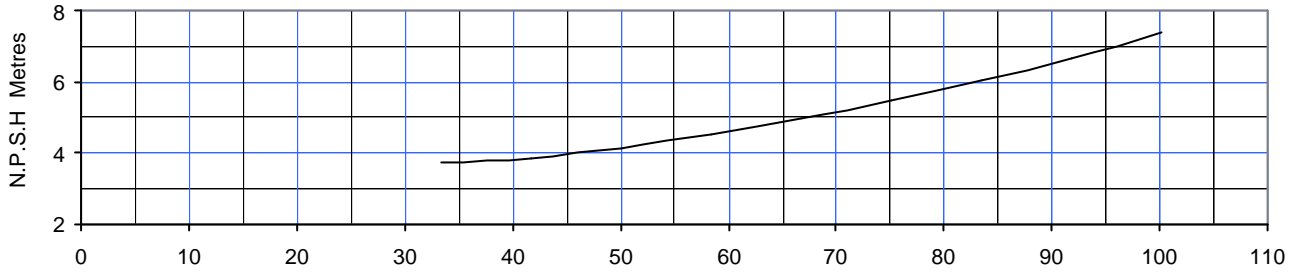
SUCTION DIA 100	DISCHARGE DIA 80	MAX PRESSURE 12 bar	PUMP MODEL TC 80-200	SPEED 2965
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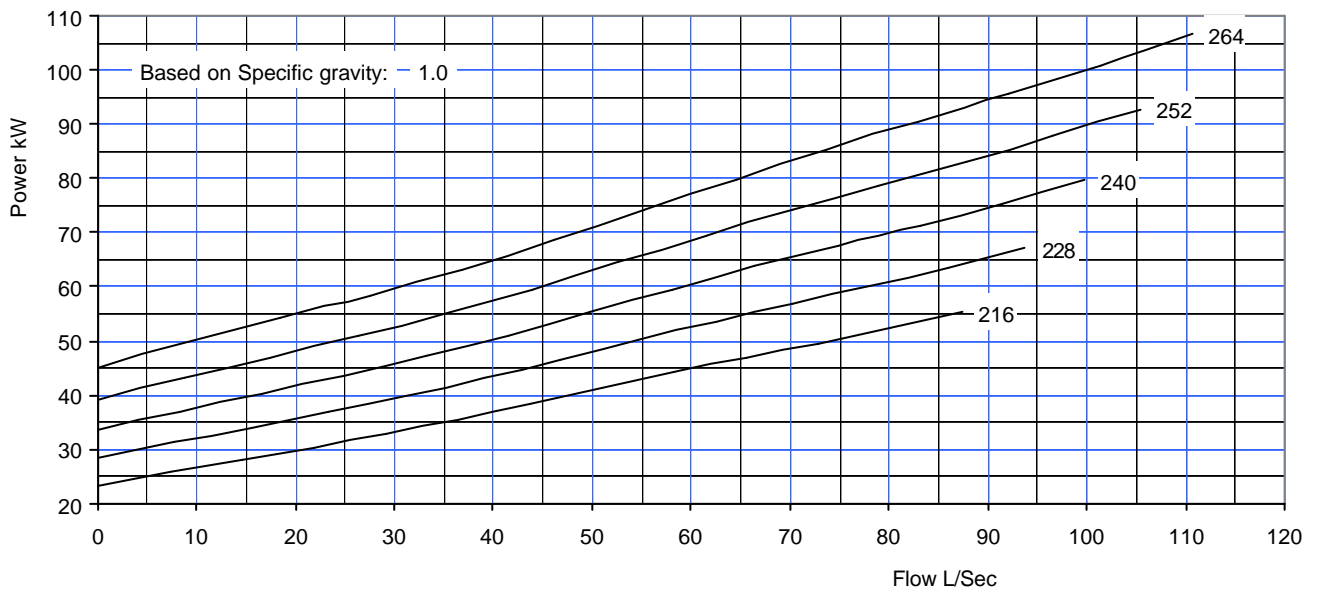
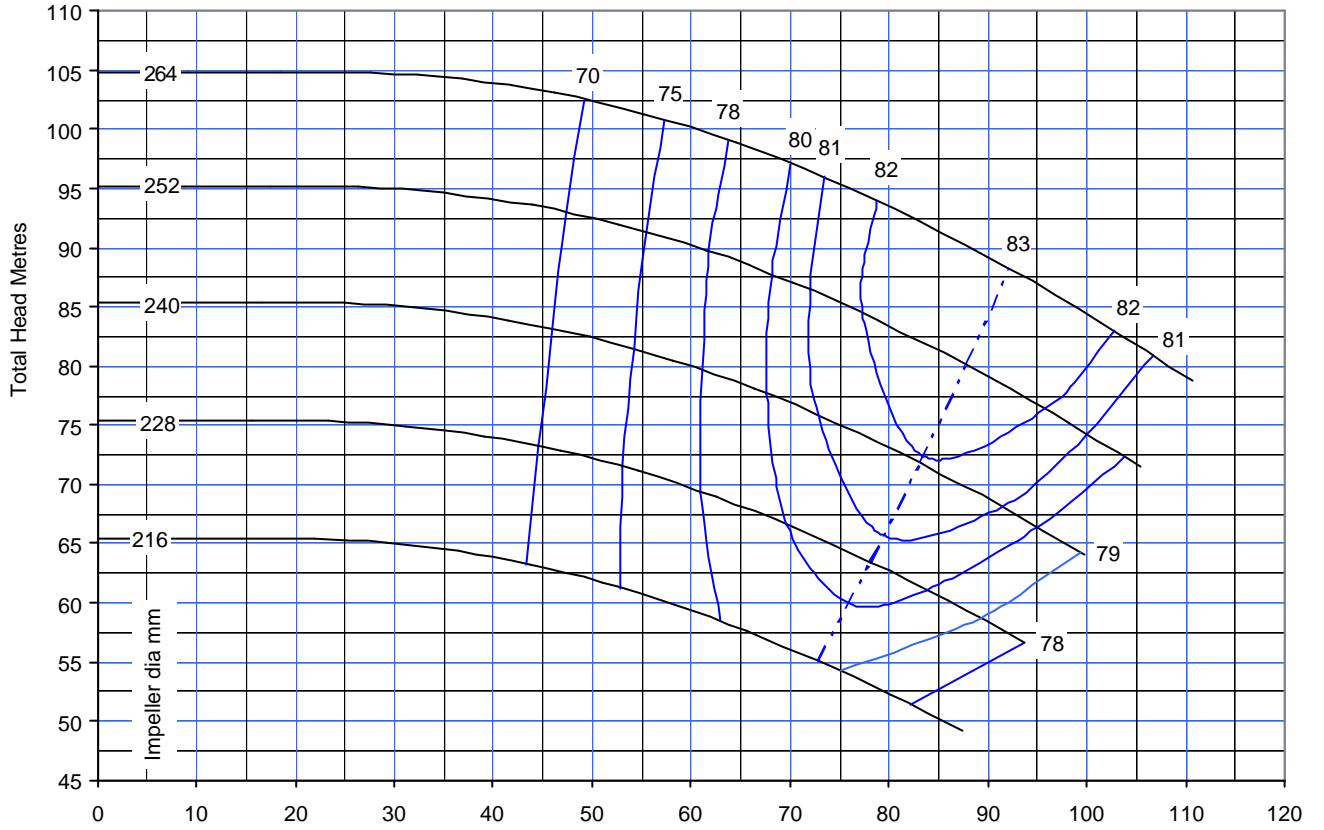
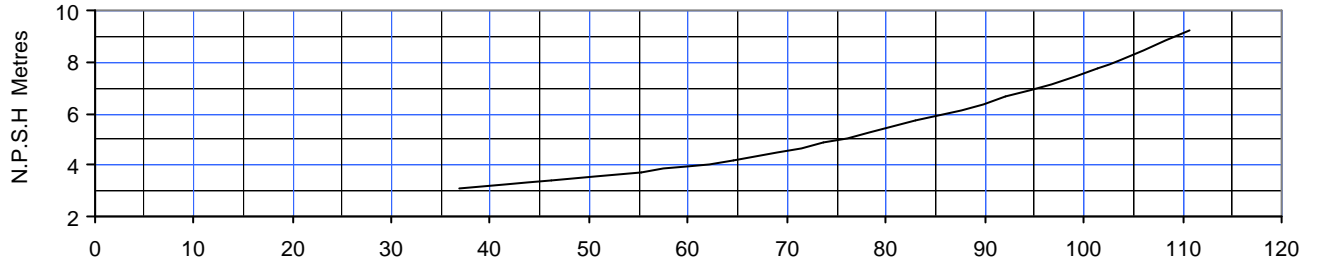
SUCTION DIA 100	DISCHARGE DIA 80	MAX PRESSURE 12 bar	PUMP MODEL TC 80-250	SPEED 2965
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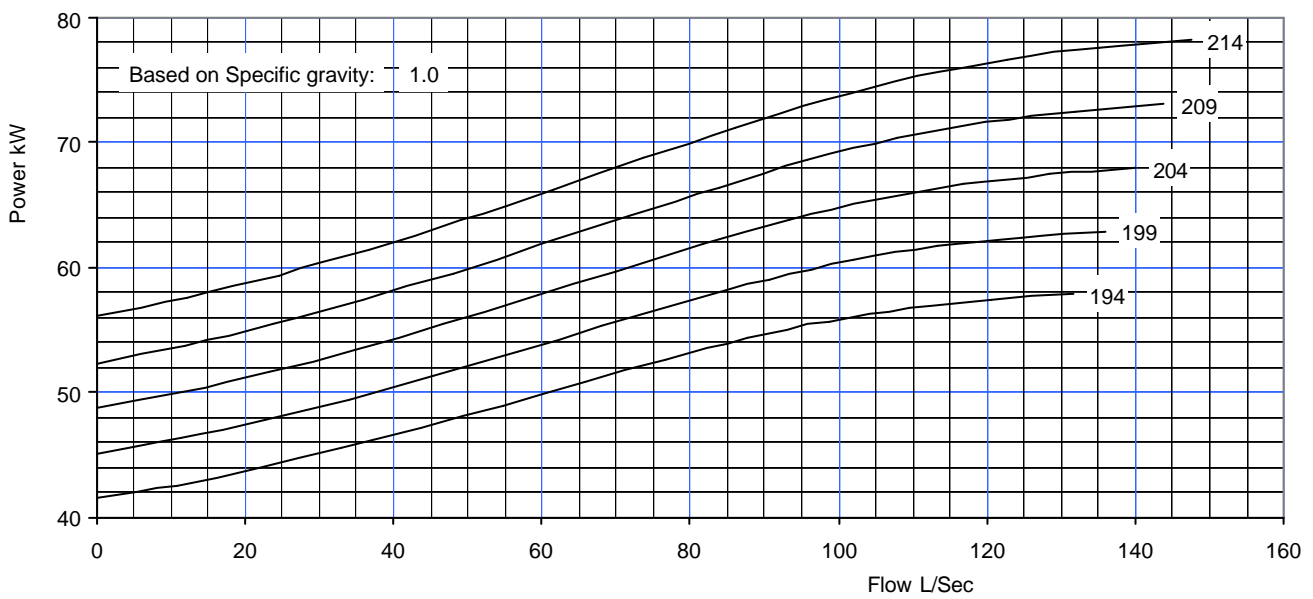
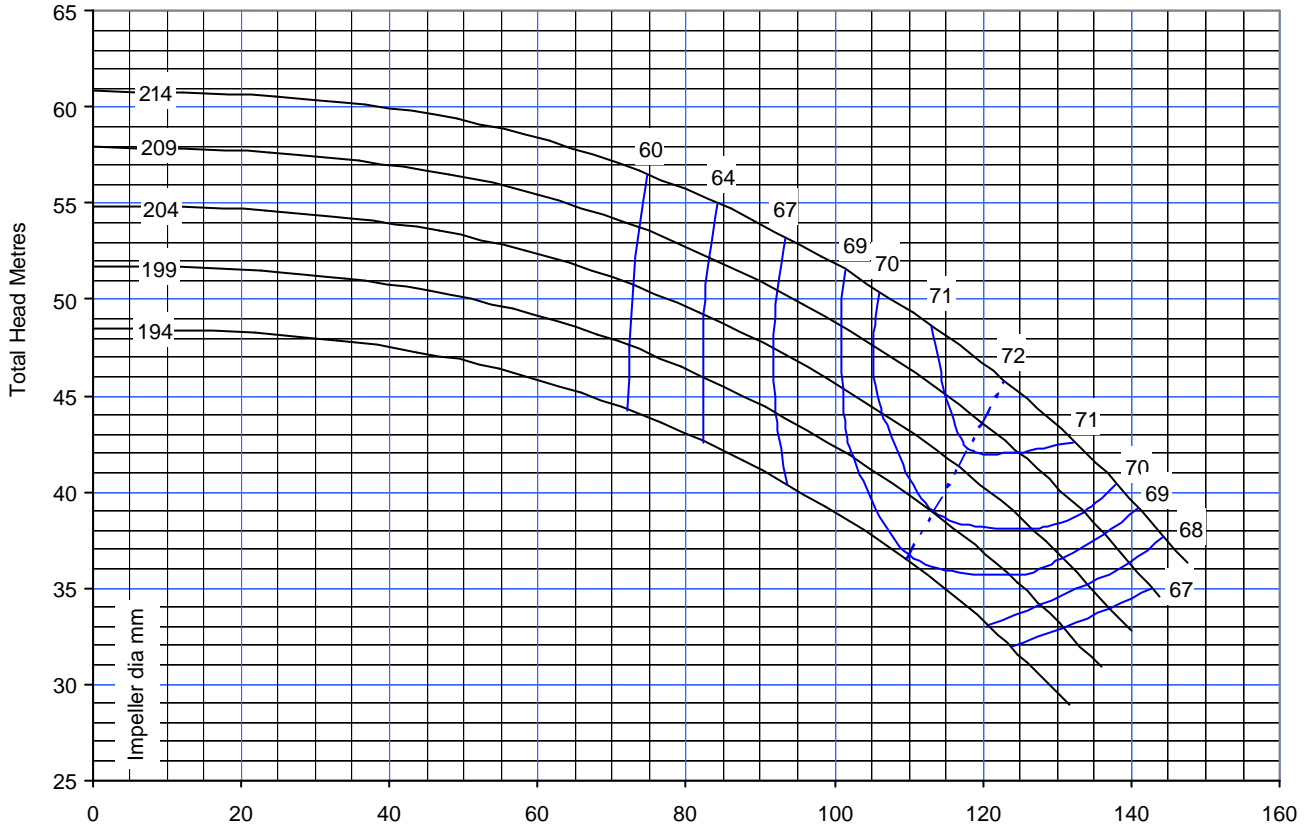
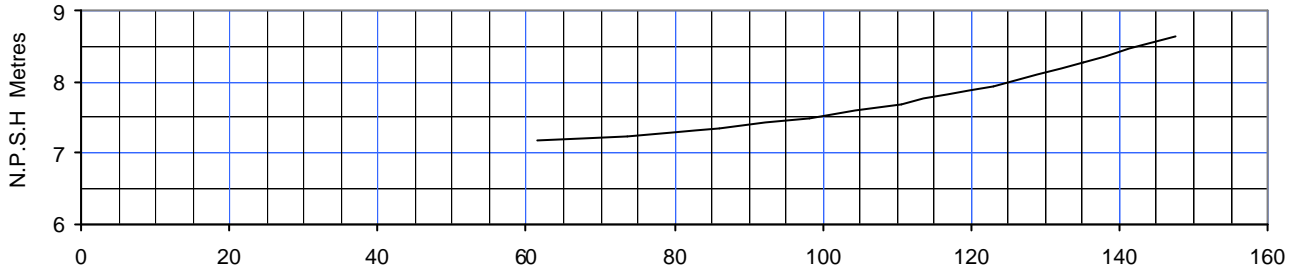
SUCTION DIA 125	DISCHARGE DIA 100	MAX PRESSURE 12 bar	PUMP MODEL TC 100-160	SPEED 2940
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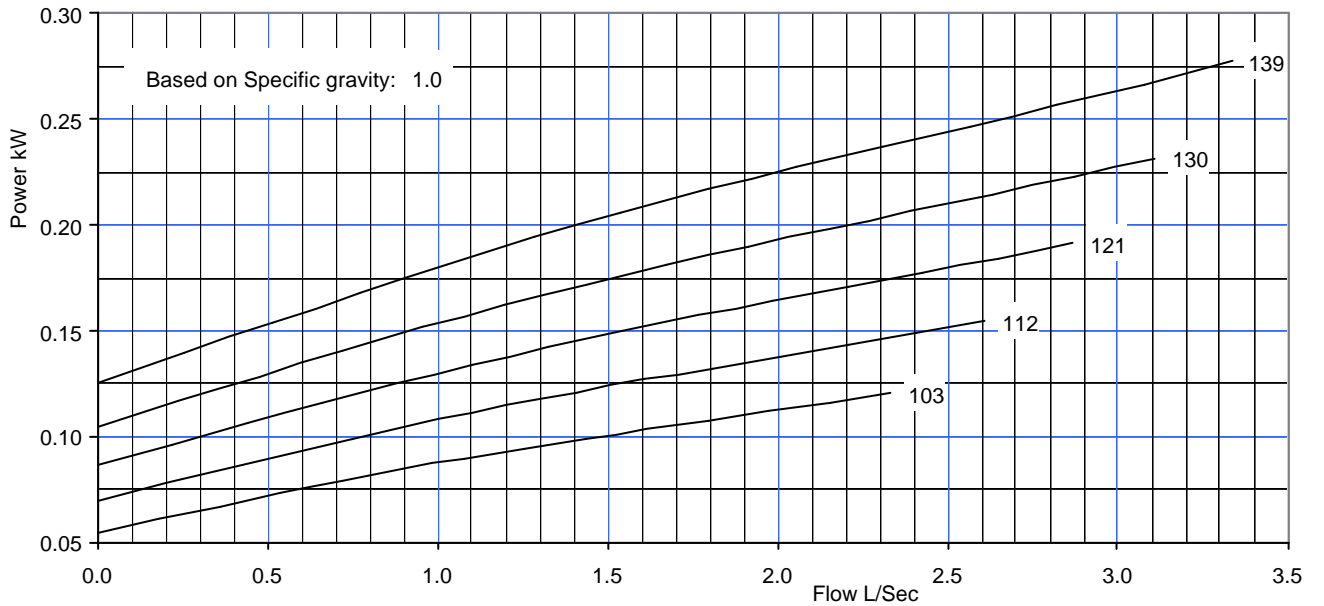
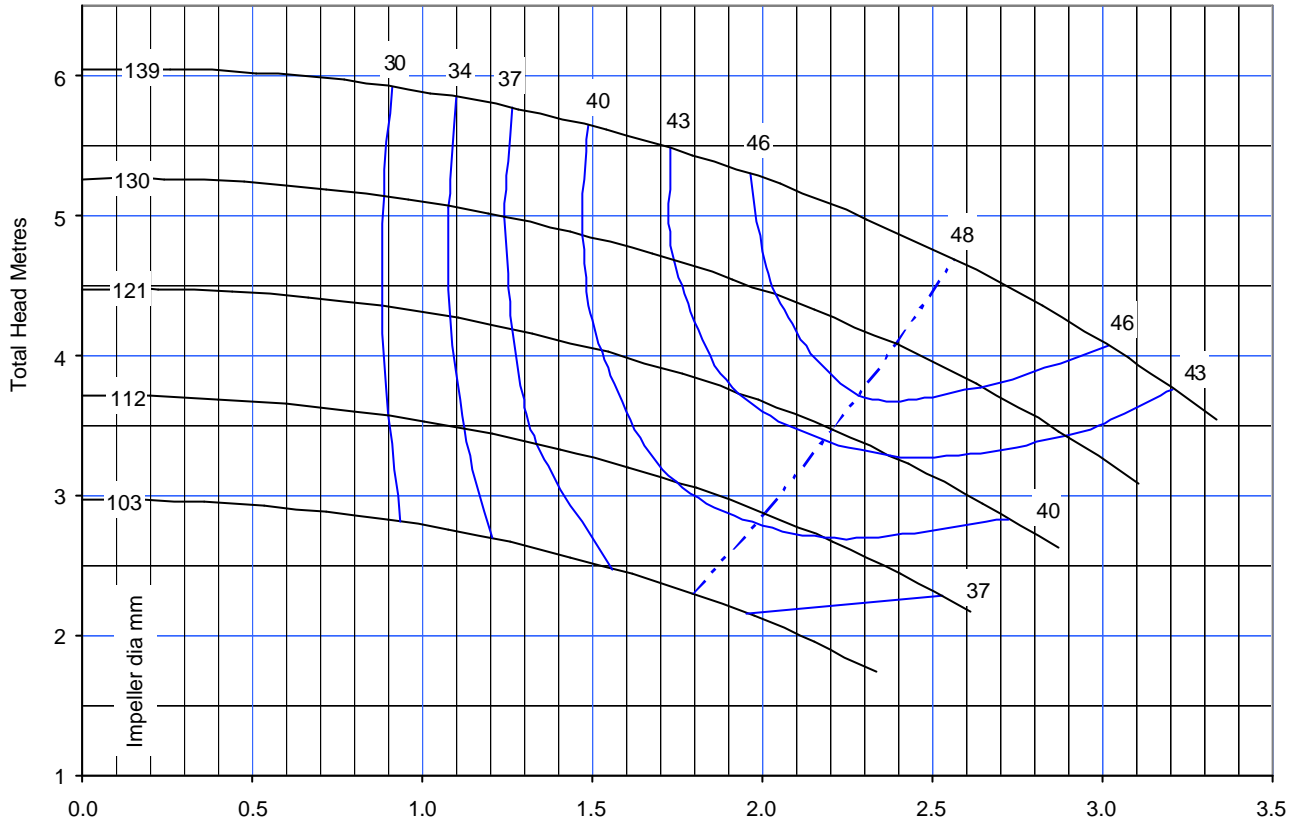
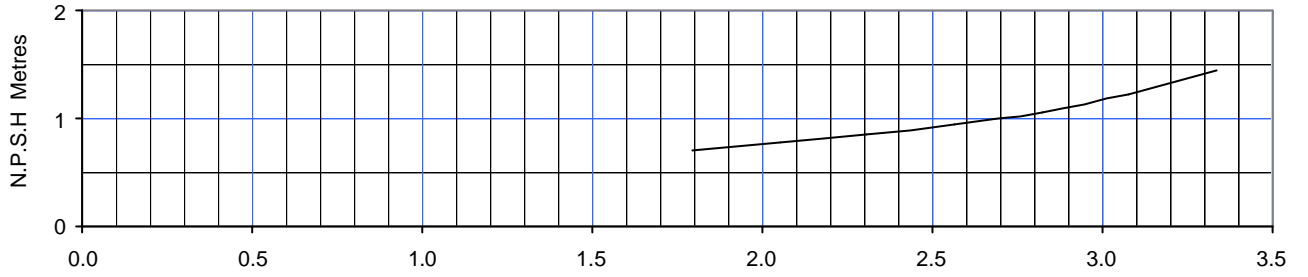
SUCTION DIA 125	DISCHARGE DIA 100	MAX PRESSURE 12 bar	PUMP MODEL TC 100-200	SPEED 2965
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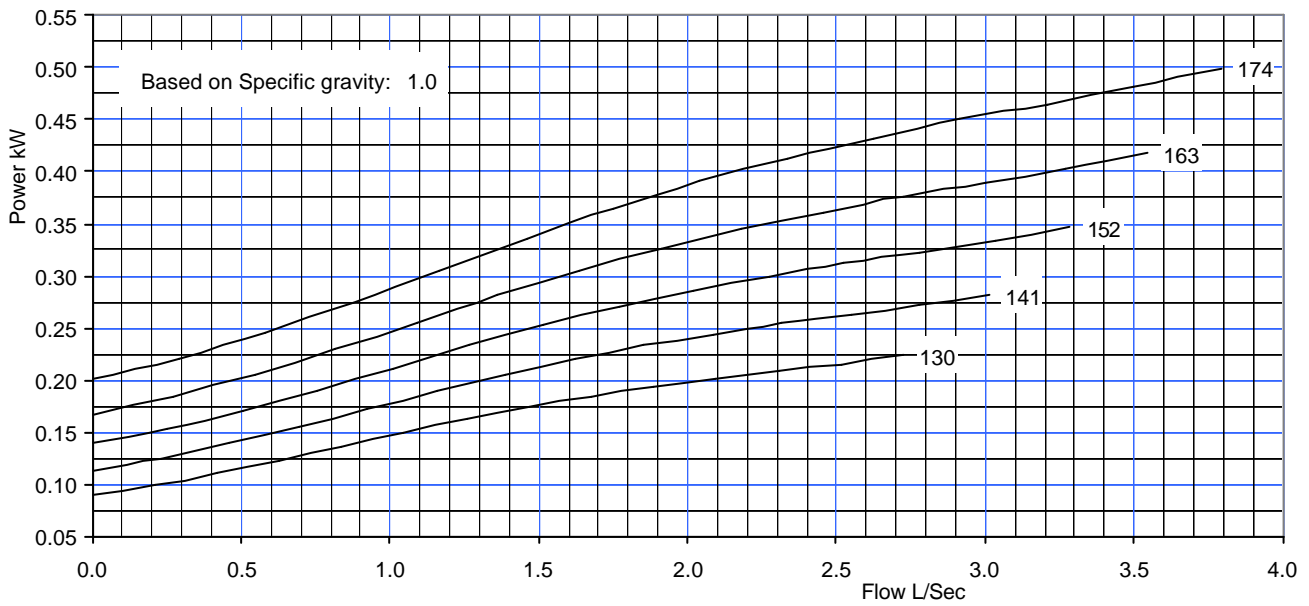
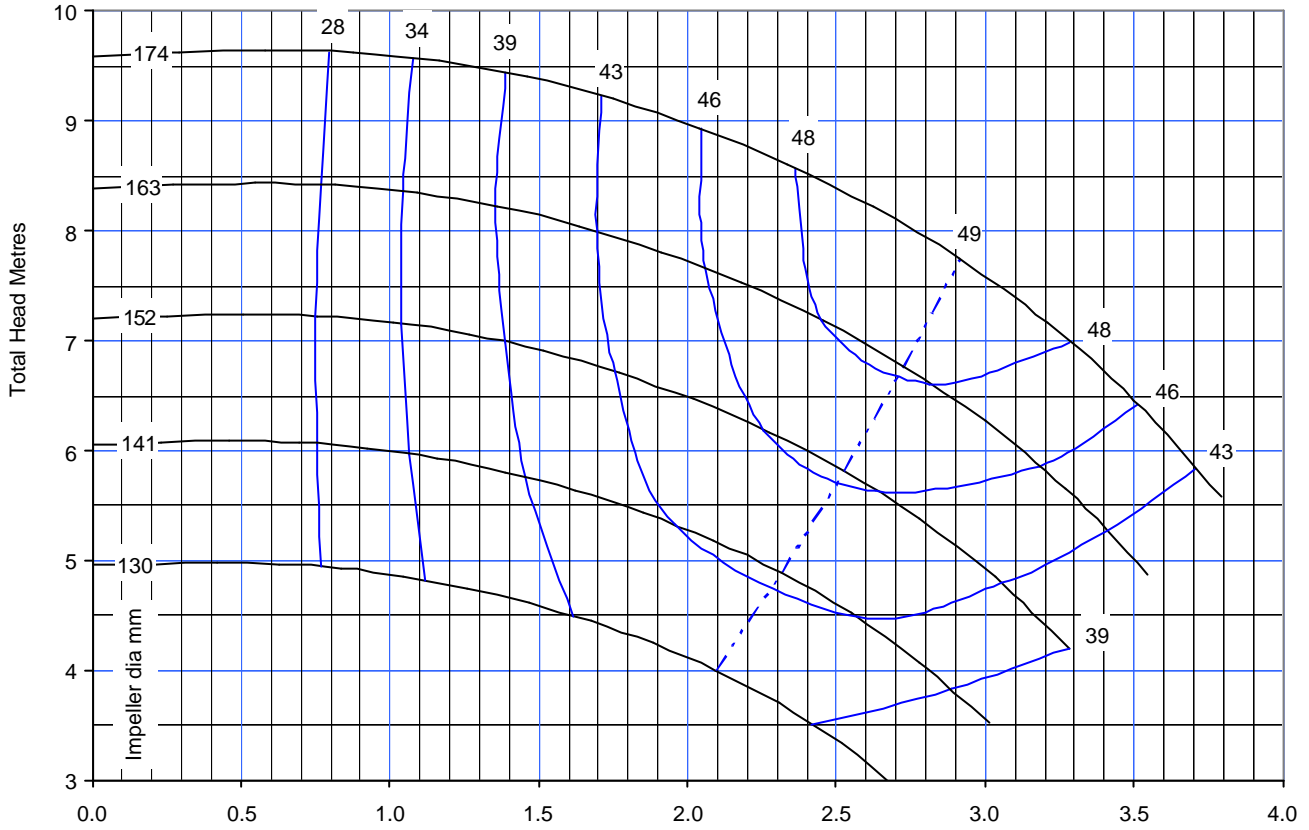
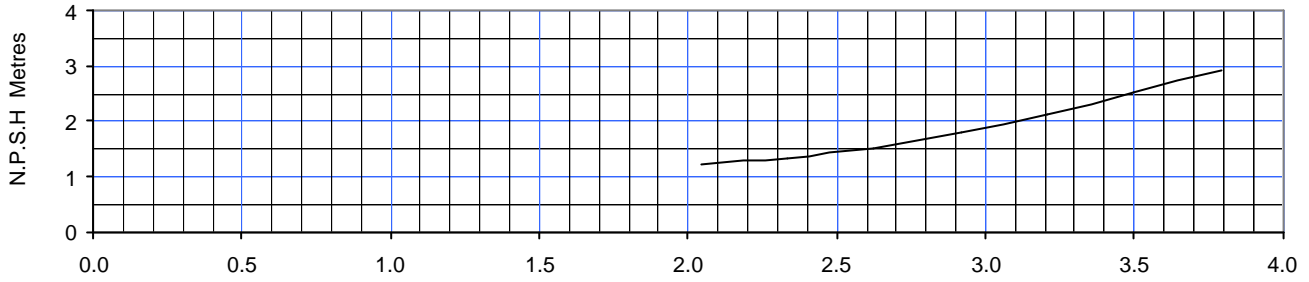
SUCTION DIA 125	DISCHARGE DIA 100	MAX PRESSURE 12 bar	PUMP MODEL TC 100-250	SPEED 2970
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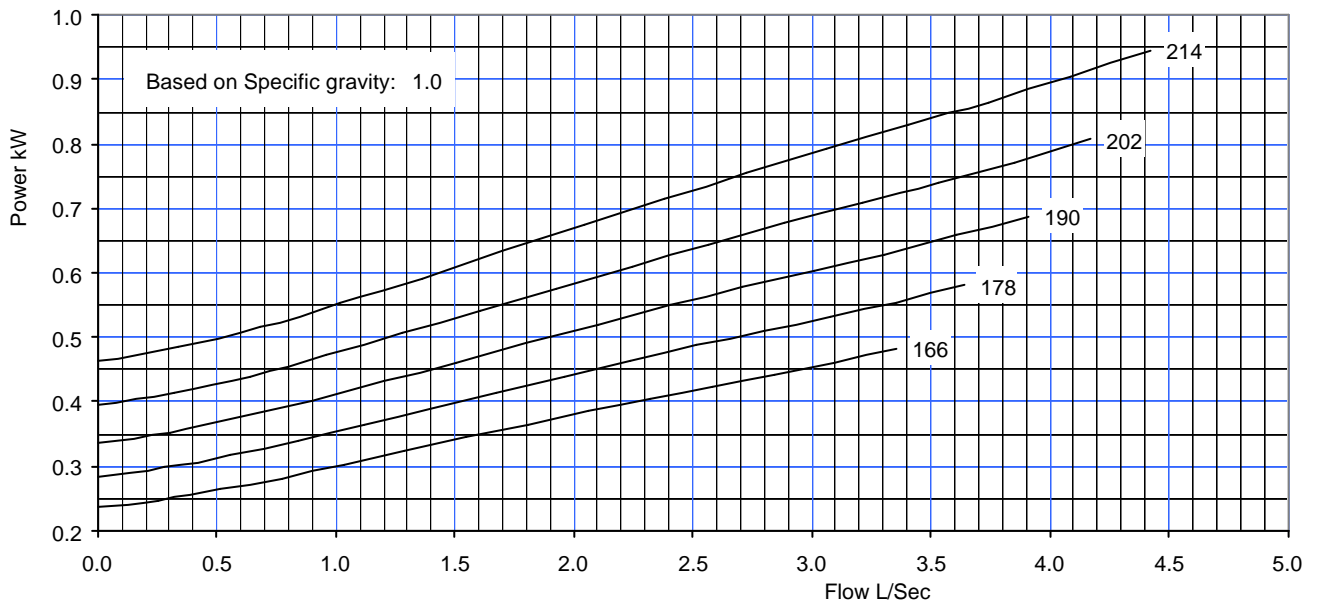
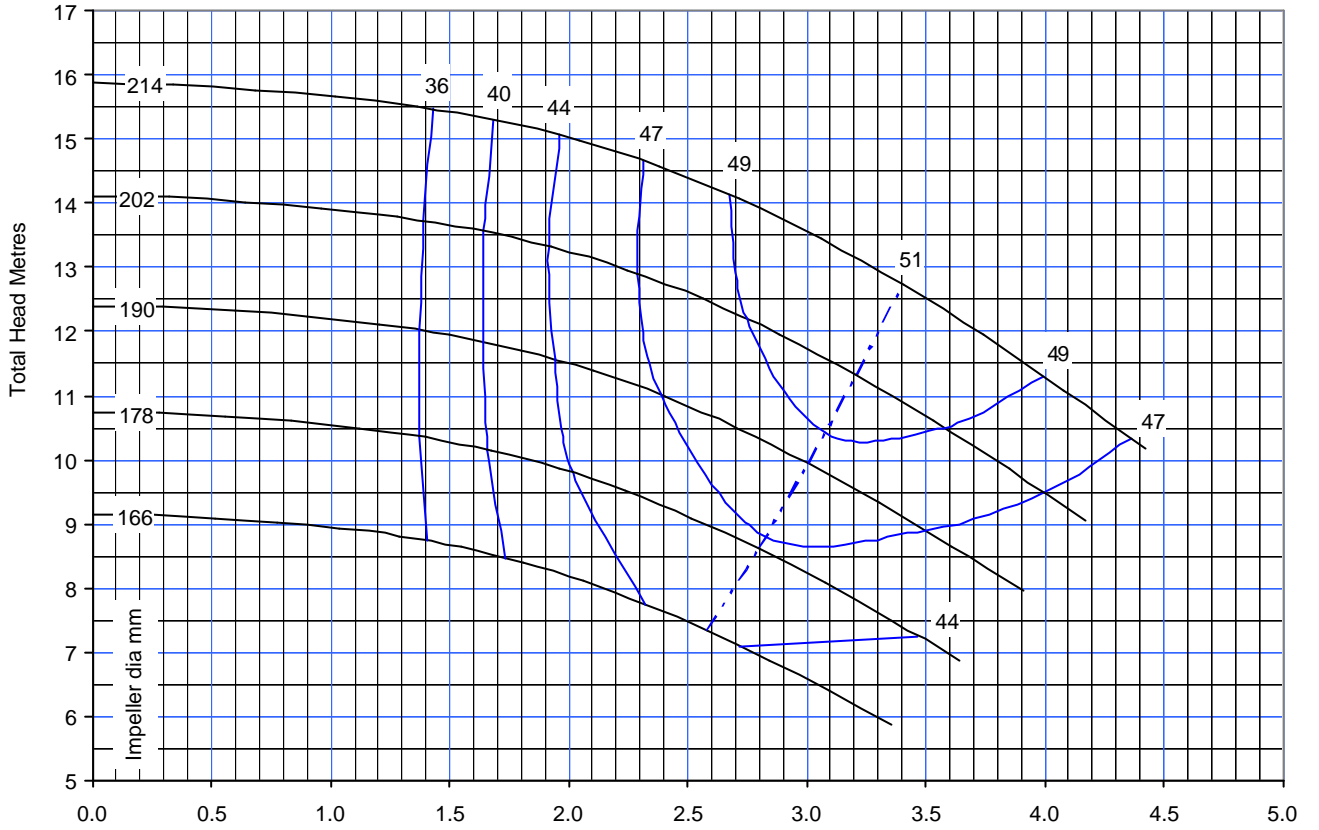
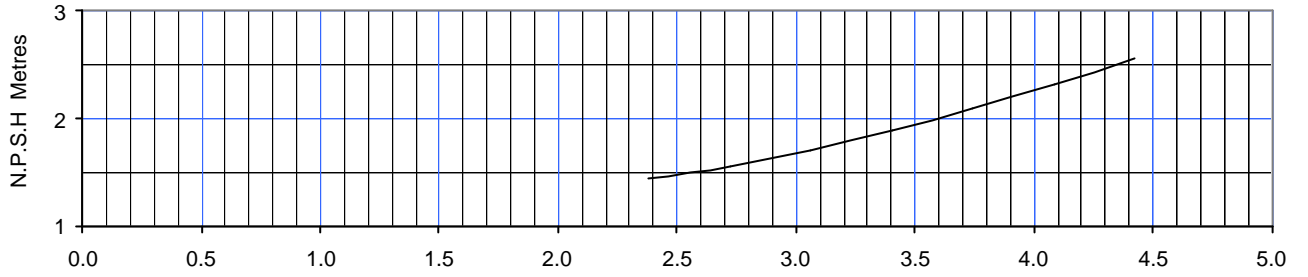
SUCTION DIA 150	DISCHARGE DIA 125	MAX PRESSURE 12 bar	PUMP MODEL TC 125-200	SPEED 2970
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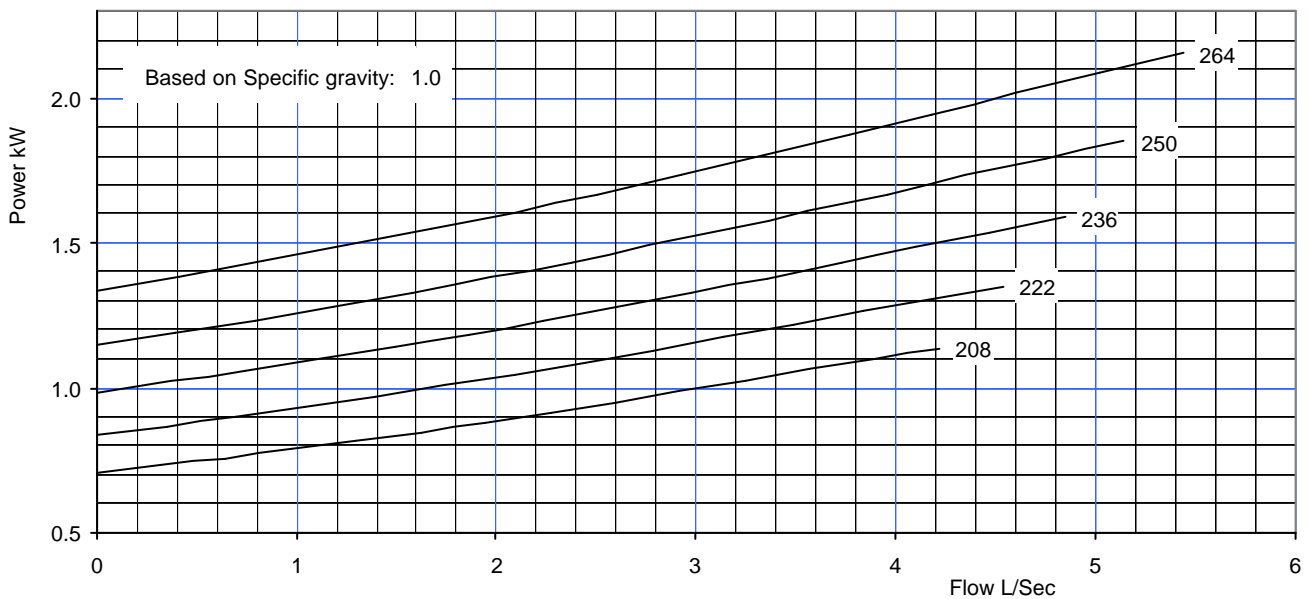
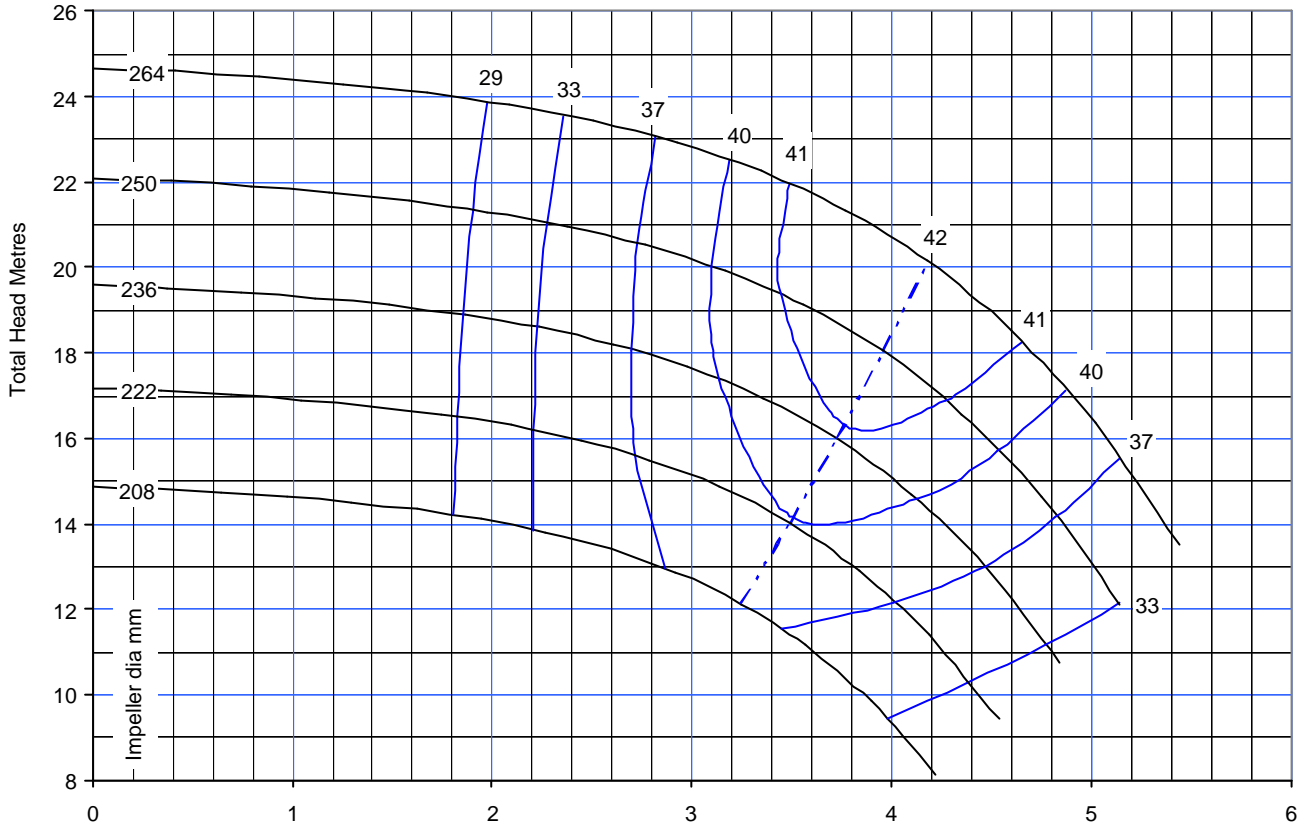
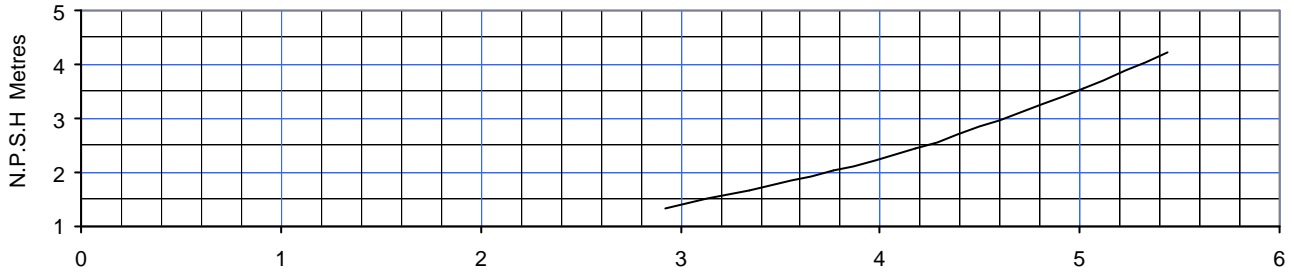
SUCTION DIA 50	DISCHARGE DIA 32	MAX PRESSURE 12 bar	PUMP MODEL TC 32-125	SPEED 1410
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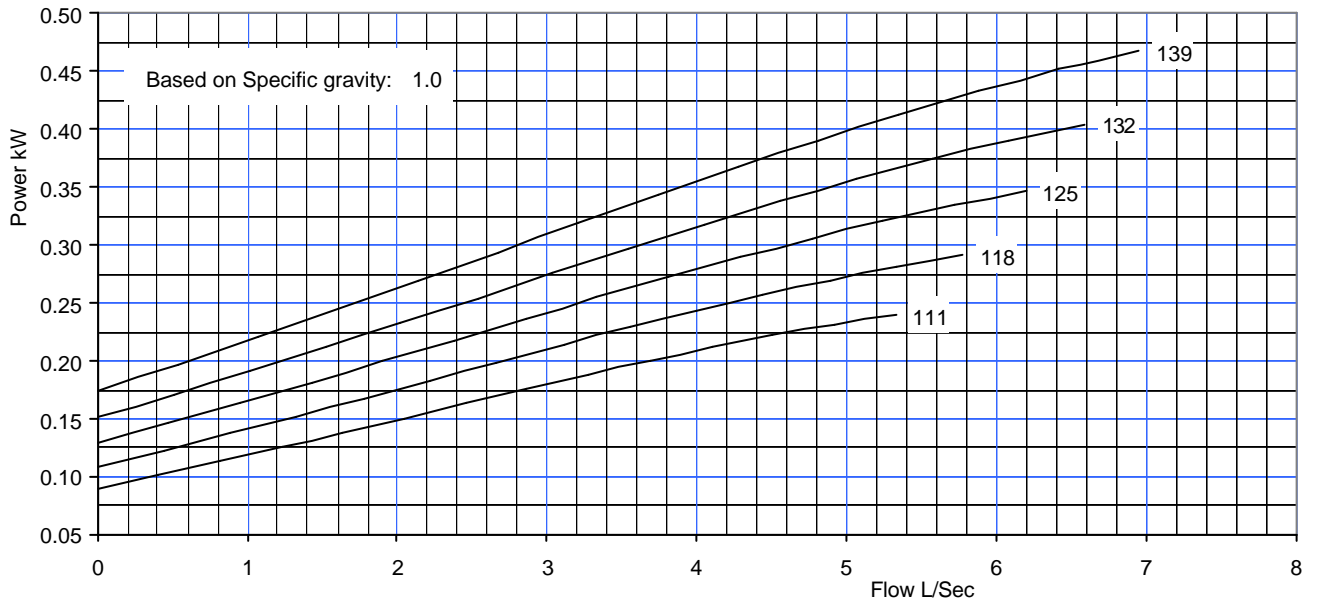
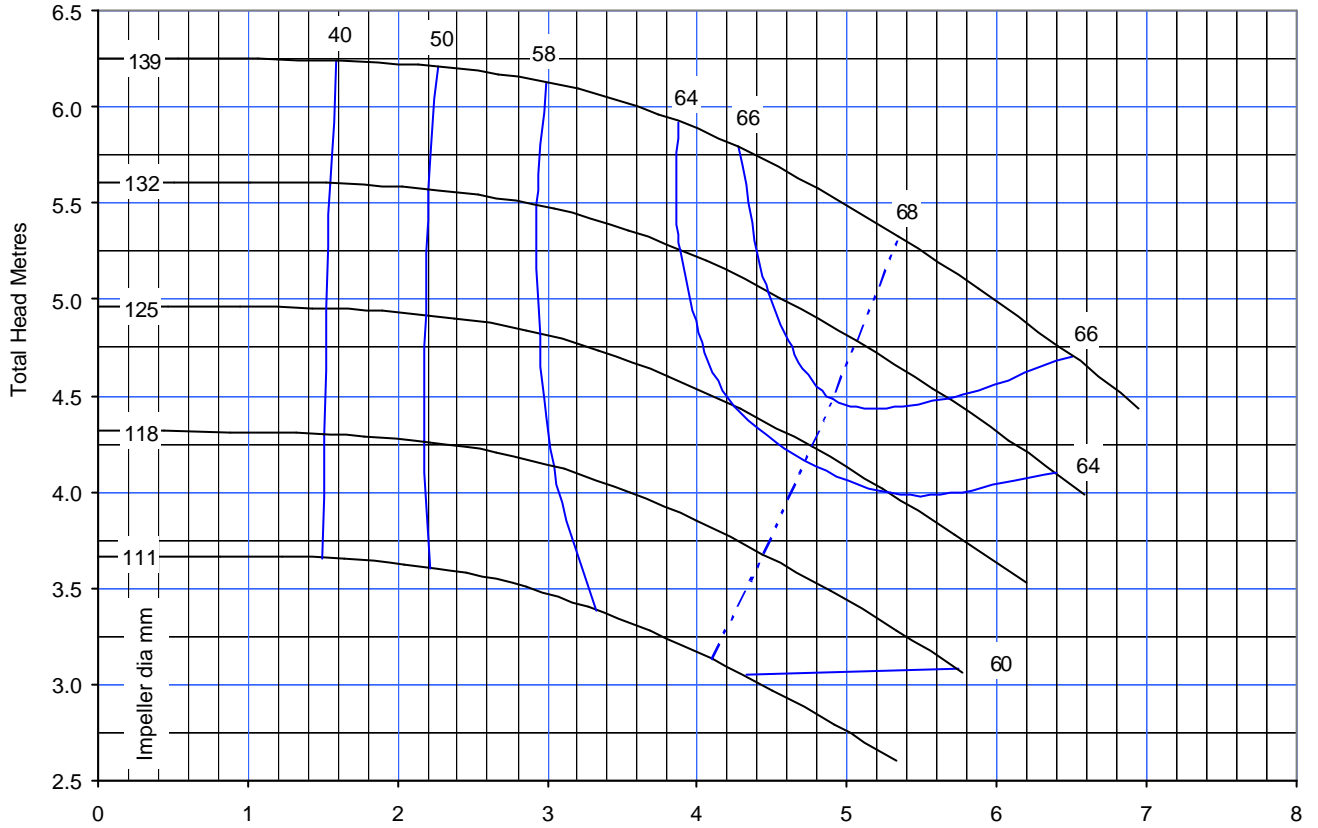
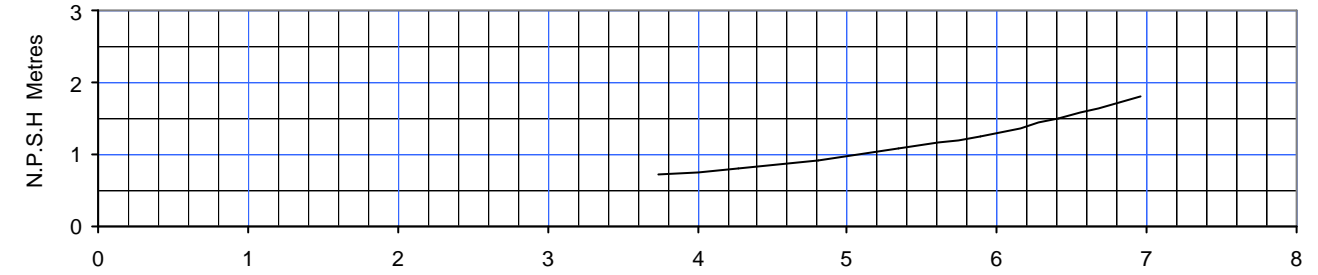
SUCTION DIA 50	DISCHARGE DIA 32	MAX PRESSURE 12 bar	PUMP MODEL TC 32-160	SPEED 1410
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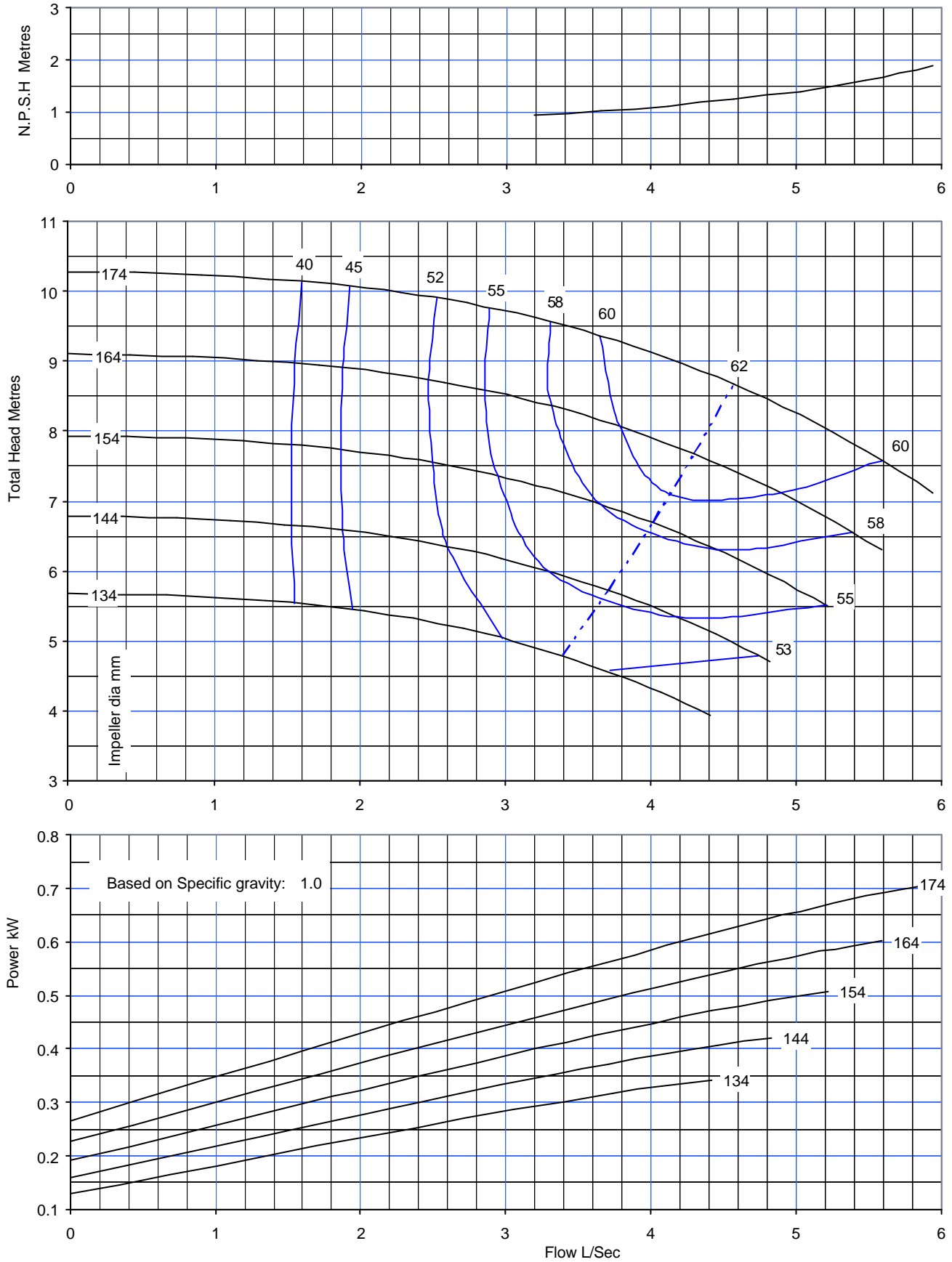
SUCTION DIA 50	DISCHARGE DIA 32	MAX PRESSURE 12 bar	PUMP MODEL TC 32-200	SPEED 1410
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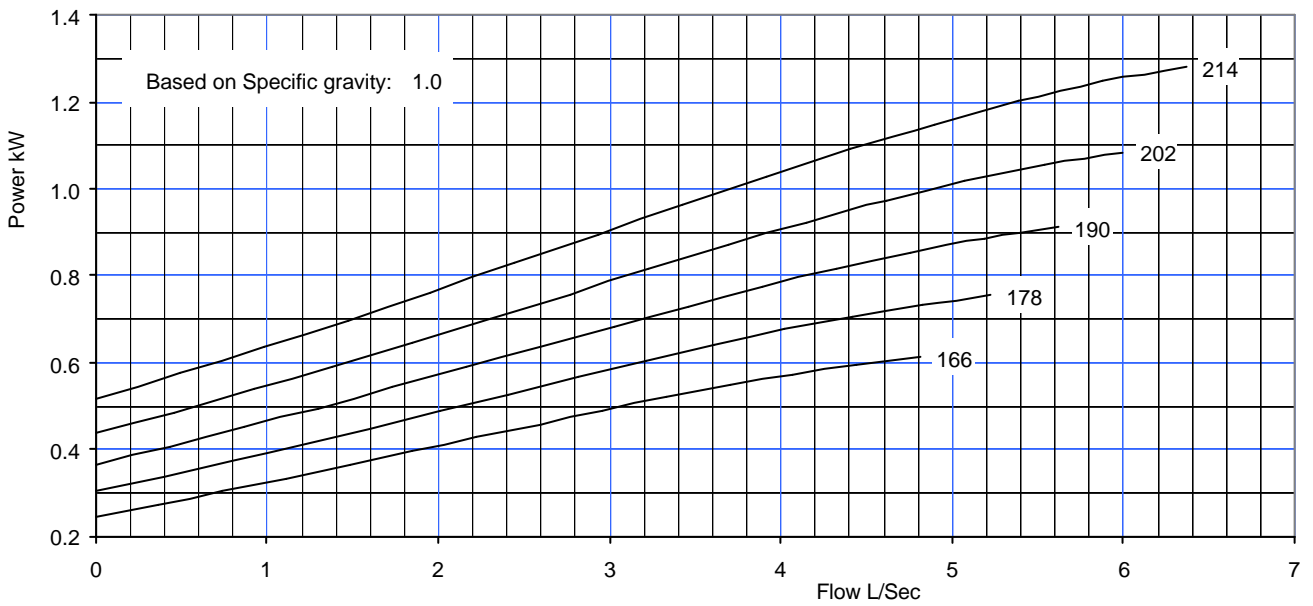
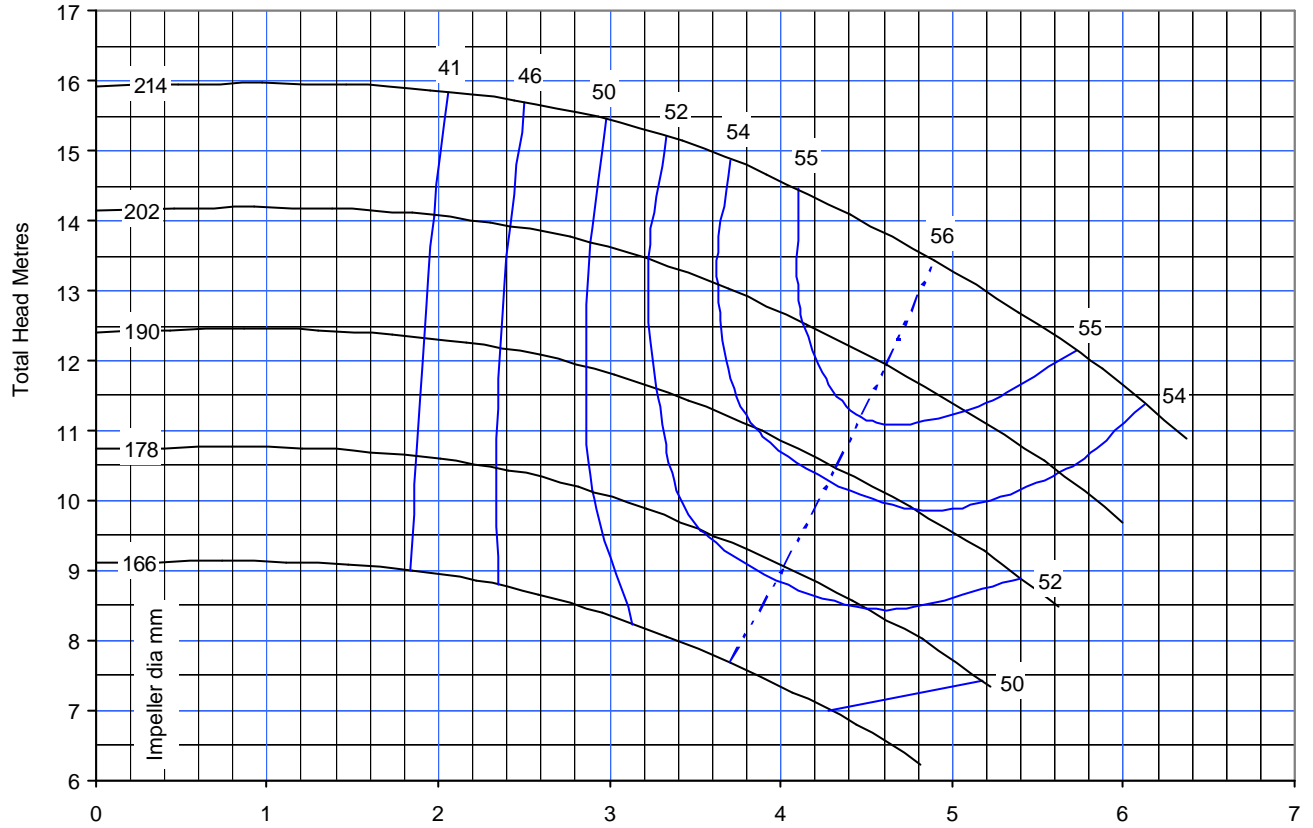
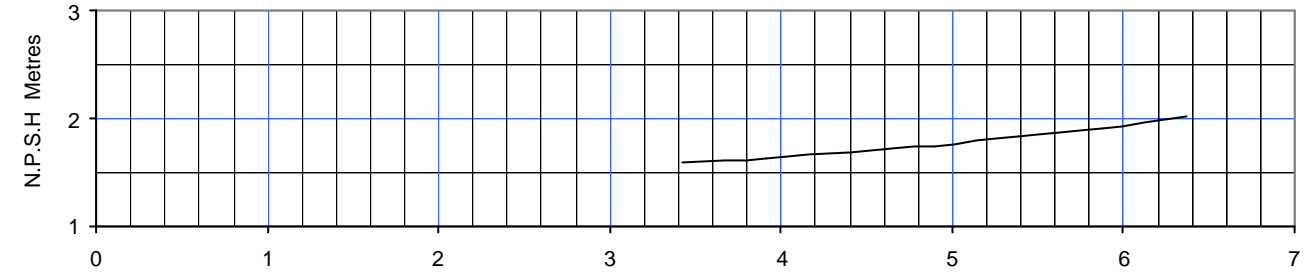
SUCTION DIA 50	DISCHARGE DIA 32	MAX PRESSURE 12 bar	PUMP MODEL TC 32-250	SPEED 1420
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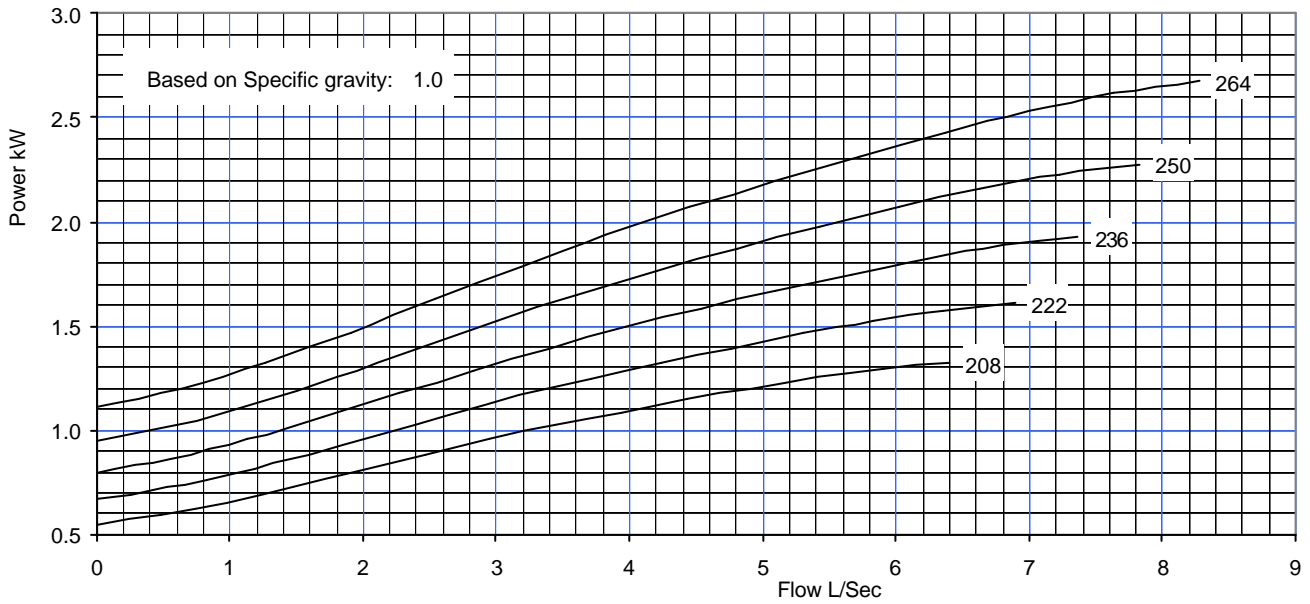
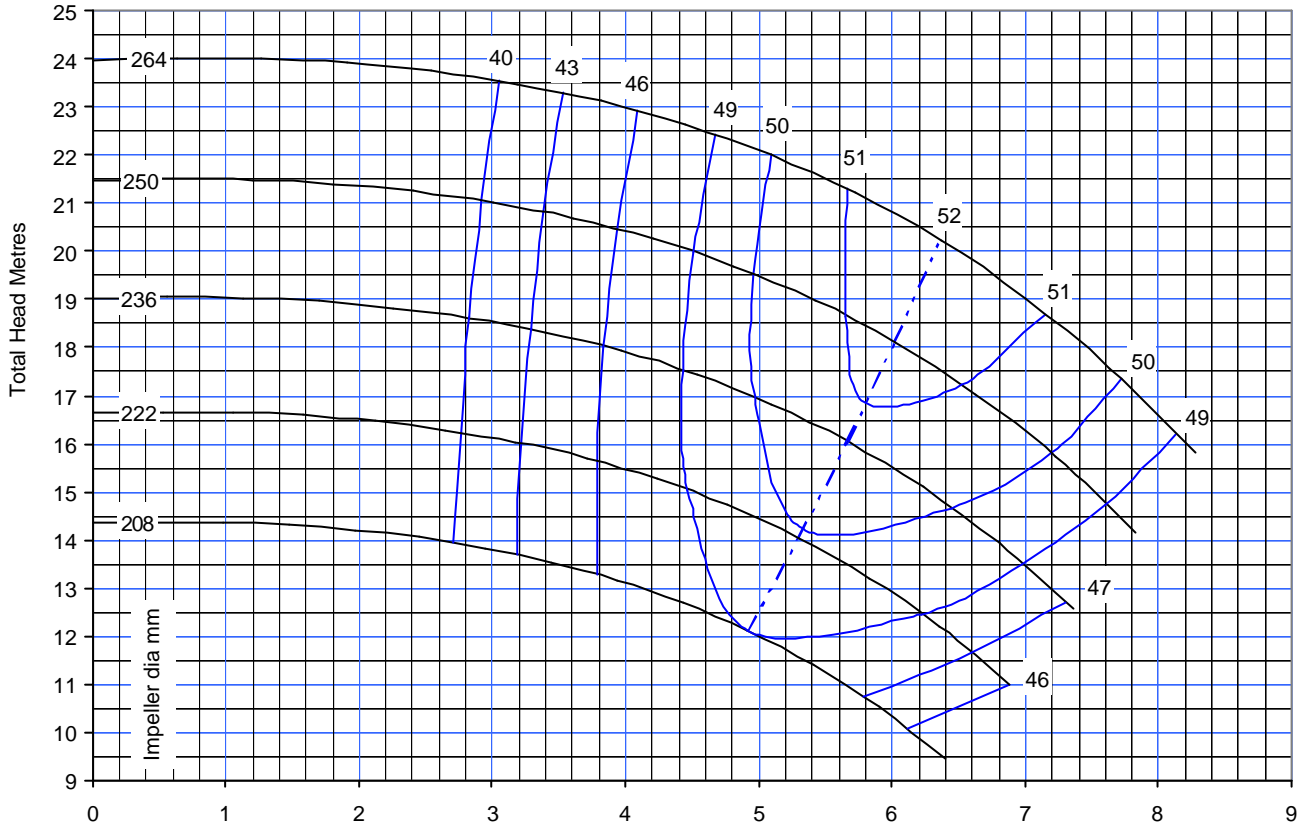
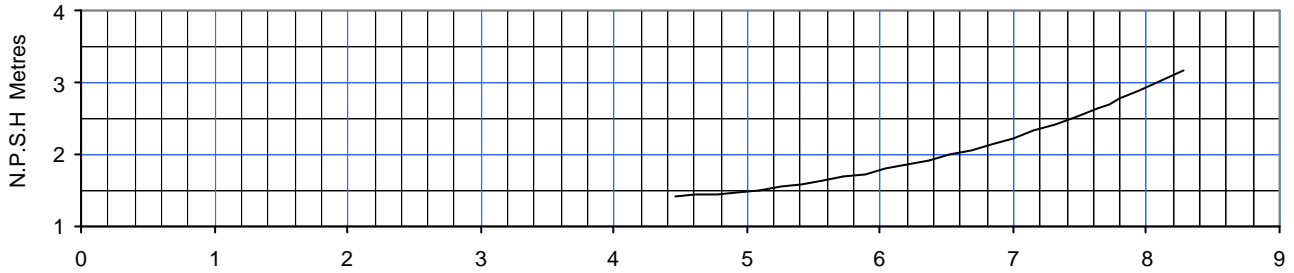
SUCTION DIA 65	DISCHARGE DIA 40	MAX PRESSURE 12 bar	PUMP MODEL TC 40-125	SPEED 1410
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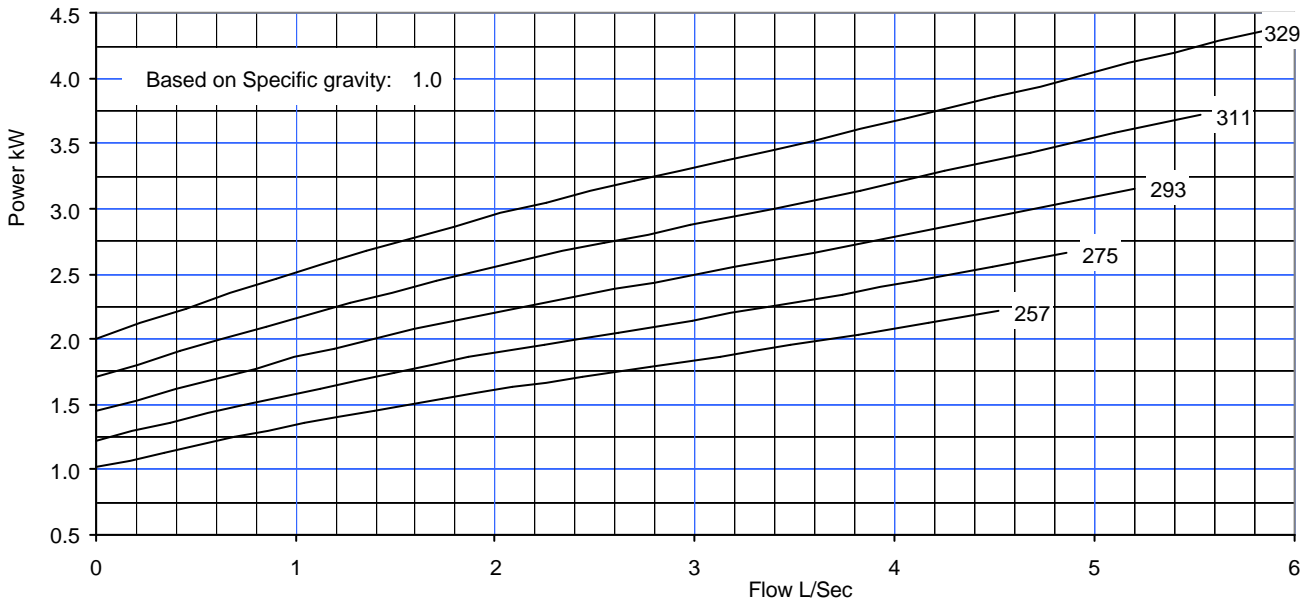
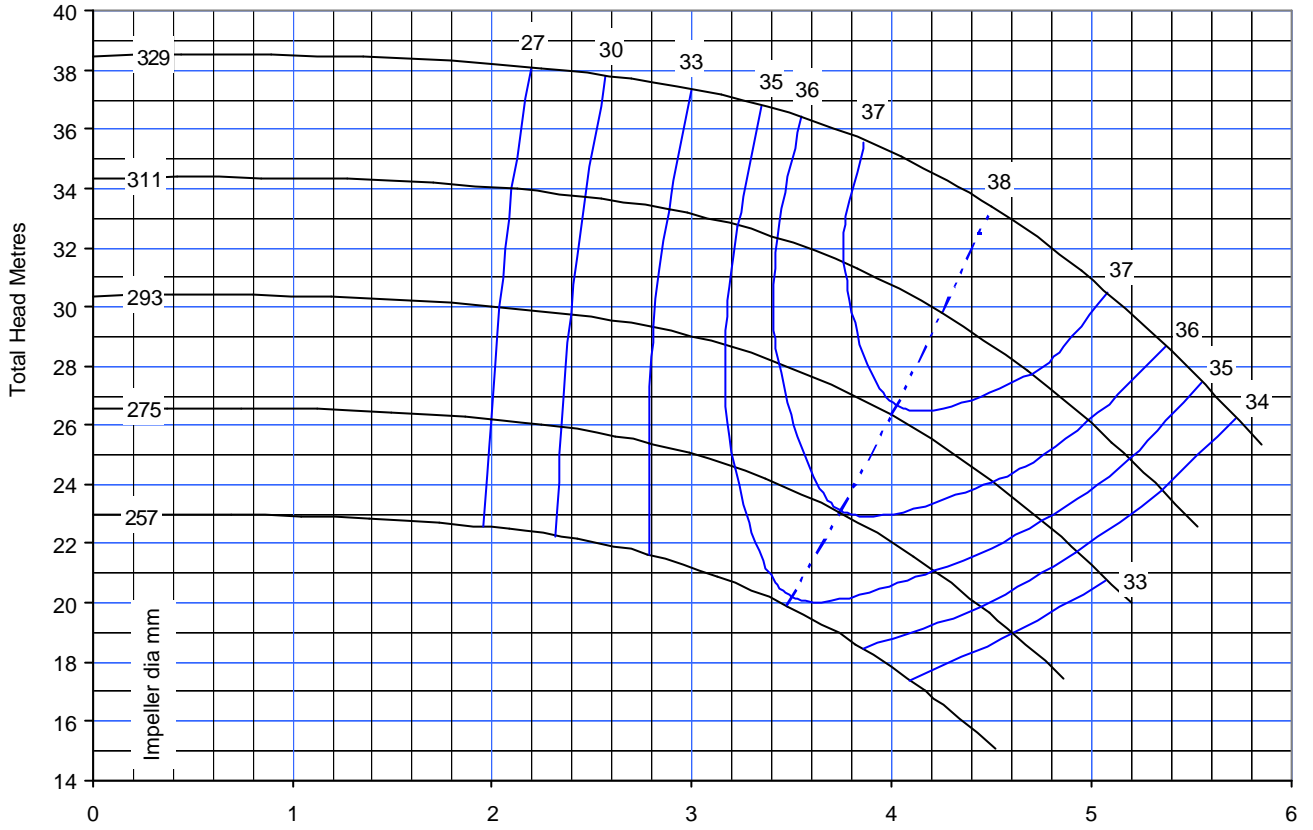
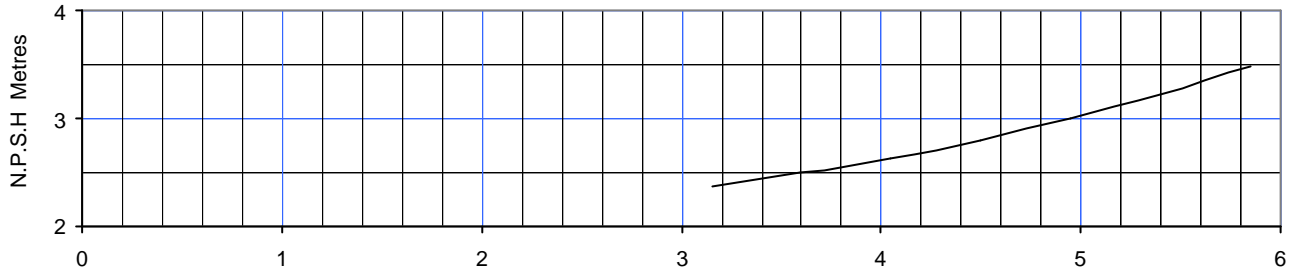
SUCTION DIA 65	DISCHARGE DIA 40	MAX PRESSURE 12 bar	PUMP MODEL TC 40-160	SPEED 1410
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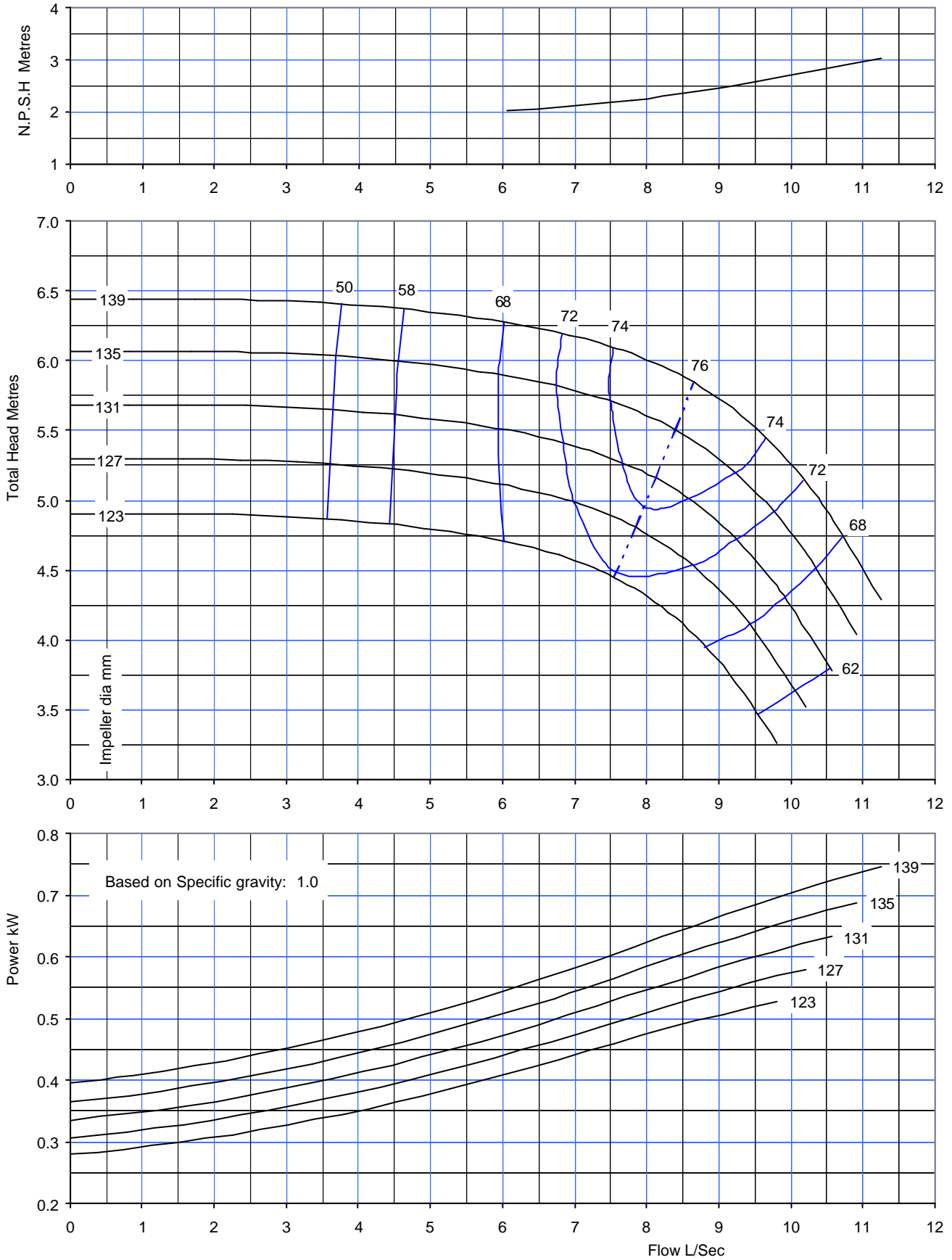
SUCTION DIA 65	DISCHARGE DIA 40	MAX PRESSURE 12 bar	PUMP MODEL TC 40-200	SPEED 1420
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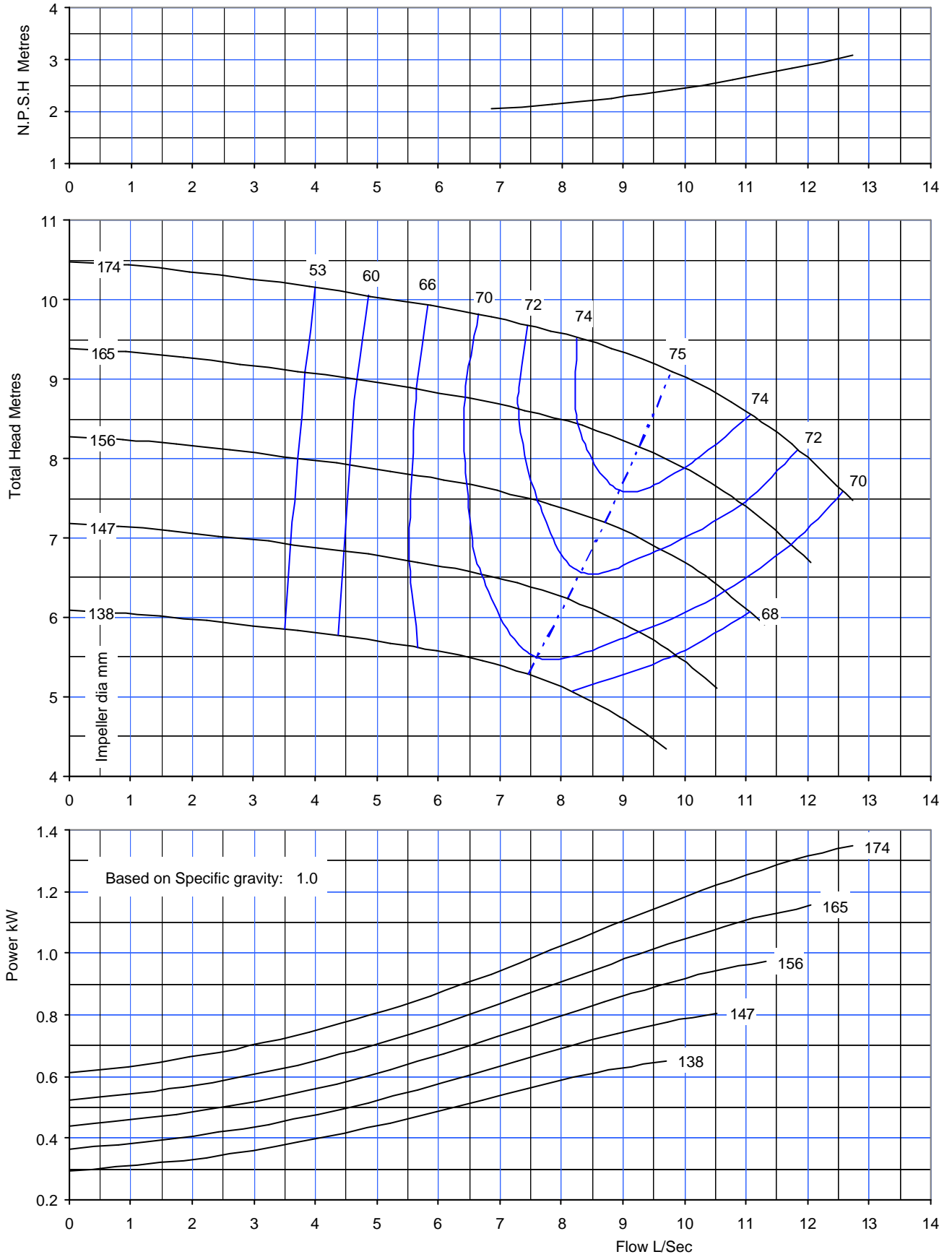
SUCTION DIA 65	DISCHARGE DIA 40	MAX PRESSURE 12 bar	PUMP MODEL TC 40-250	SPEED 1420
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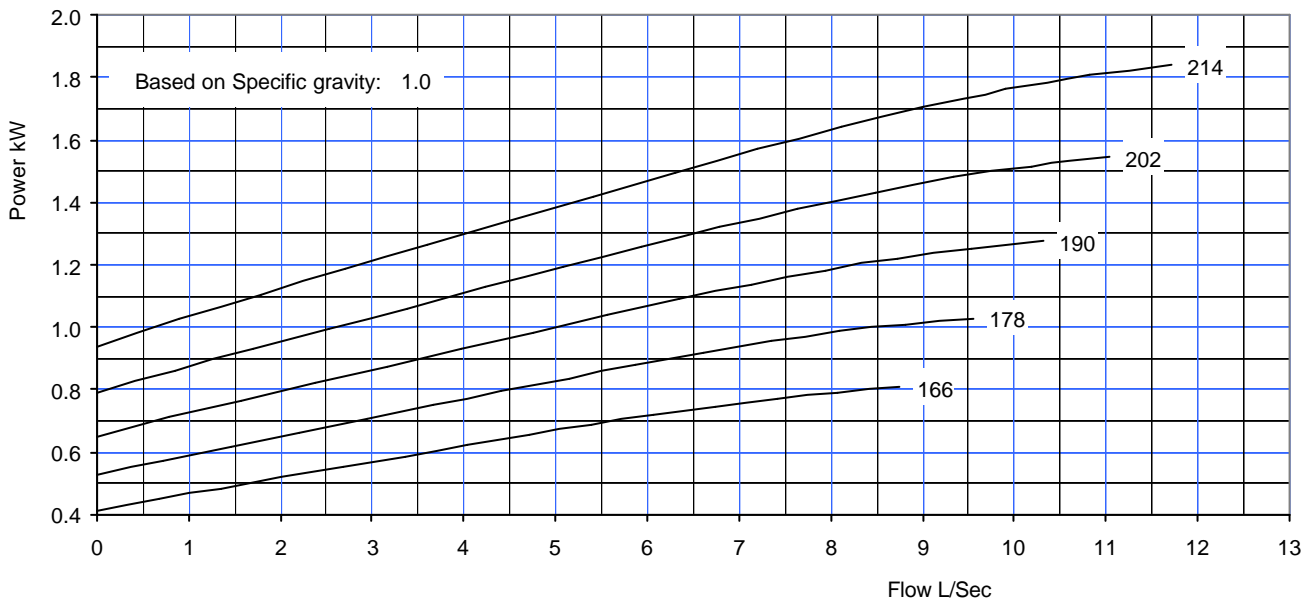
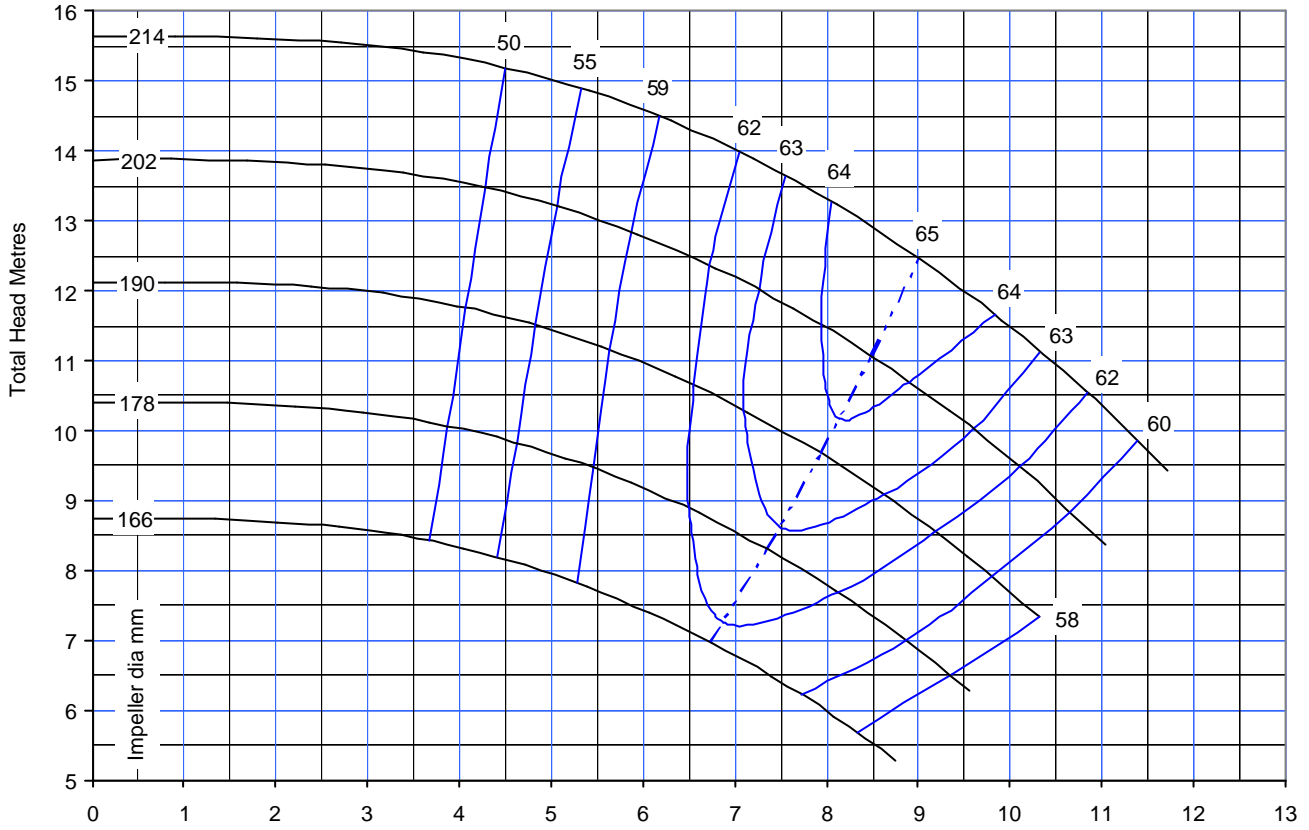
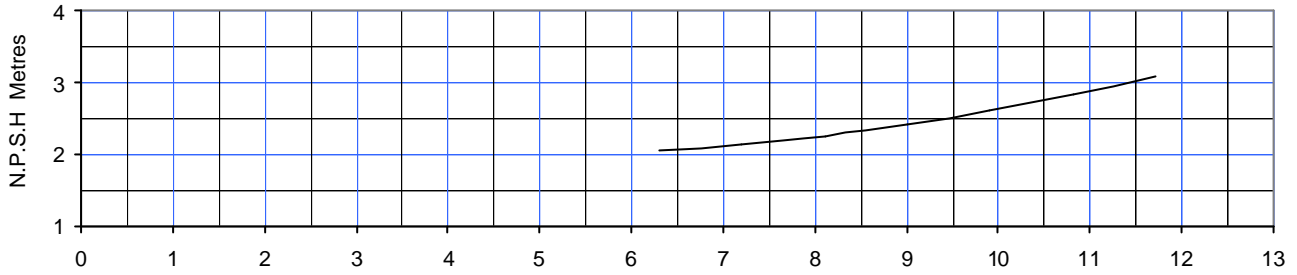
SUCTION DIA 65	DISCHARGE DIA 40	MAX PRESSURE 12 bar	PUMP MODEL TC 40-315	SPEED 1450
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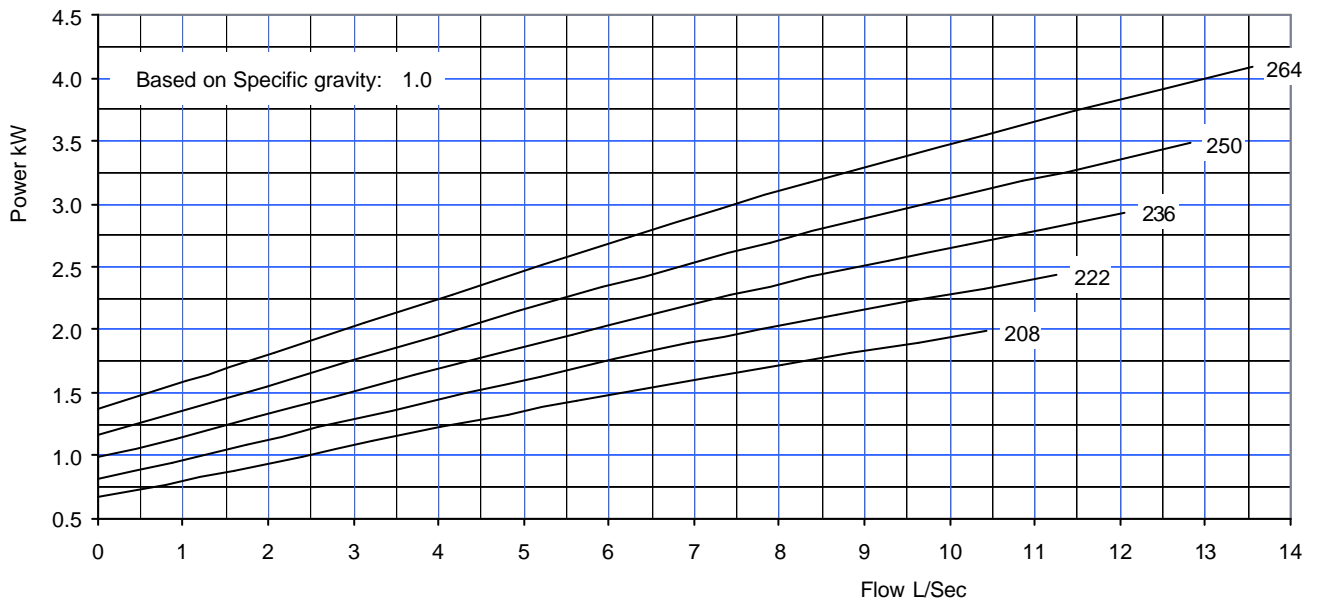
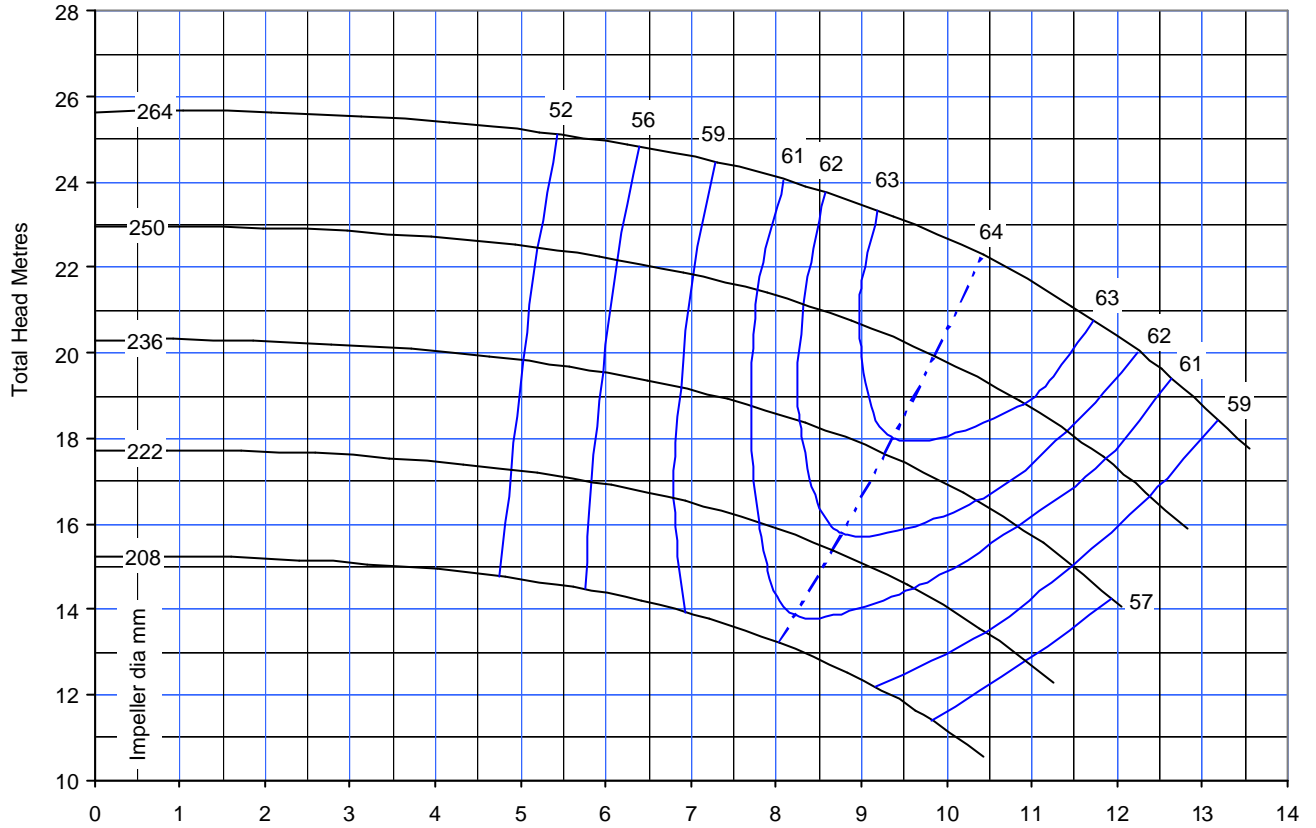
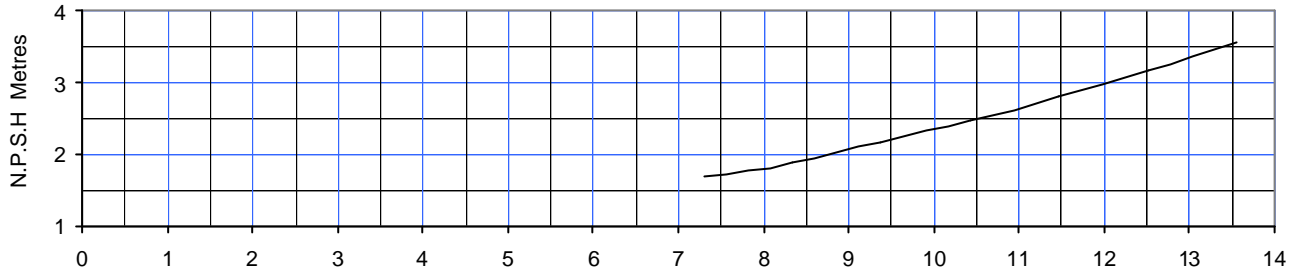
SUCTION DIA 65	DISCHARGE DIA 50	MAX PRESSURE 12 bar	PUMP MODEL TC 50-125	SPEED 1410
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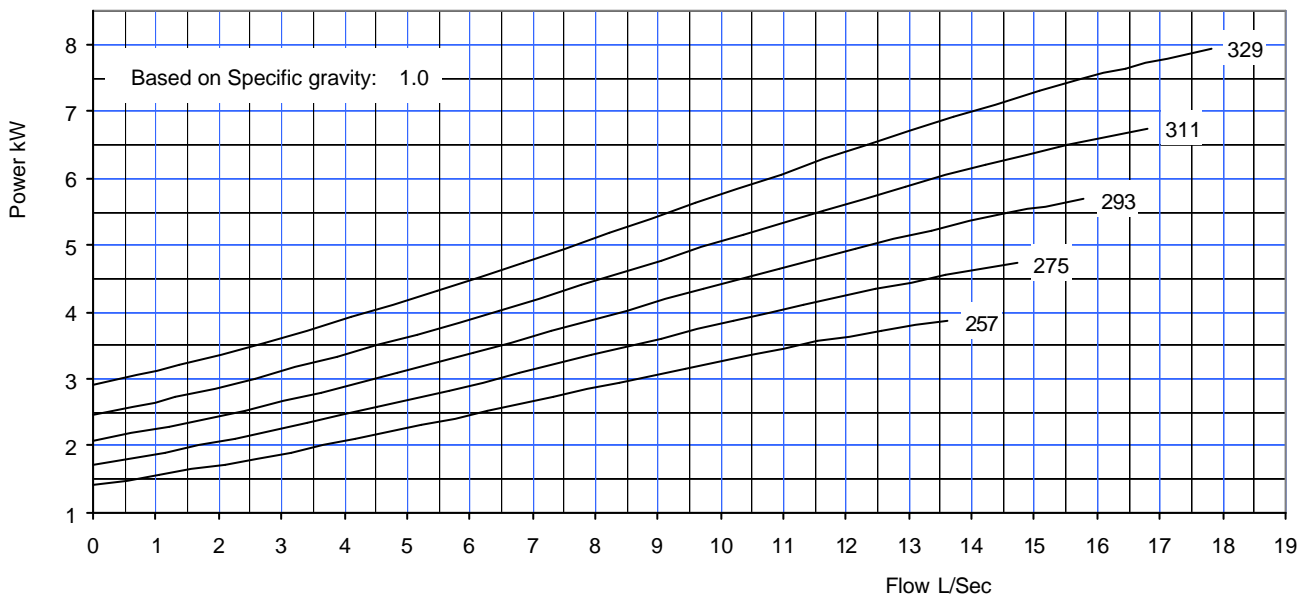
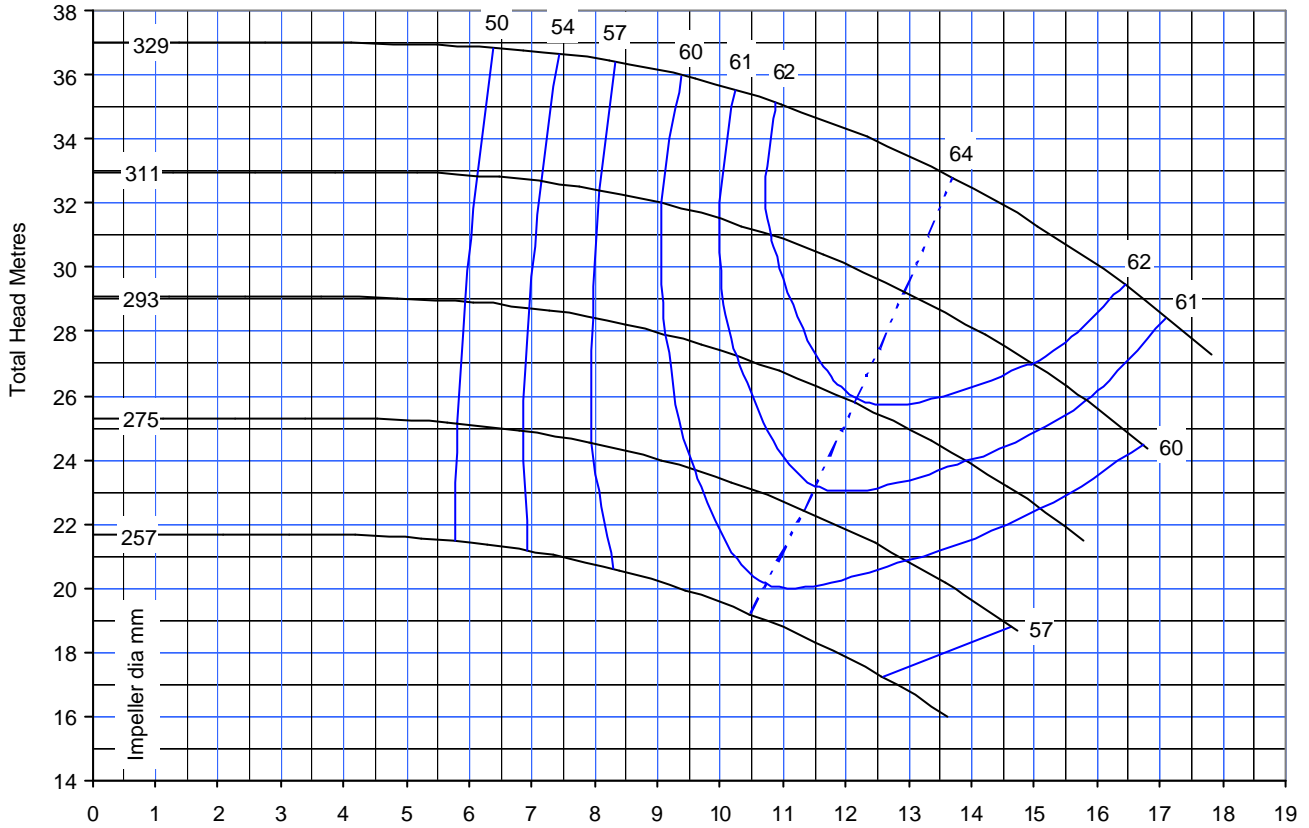
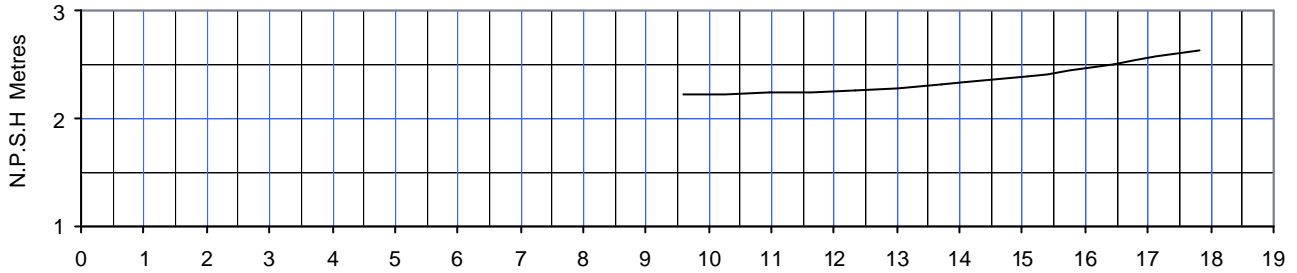
SUCTION DIA 65	DISCHARGE DIA 50	MAX PRESSURE 12 bar	PUMP MODEL TC 50-160	SPEED 1420
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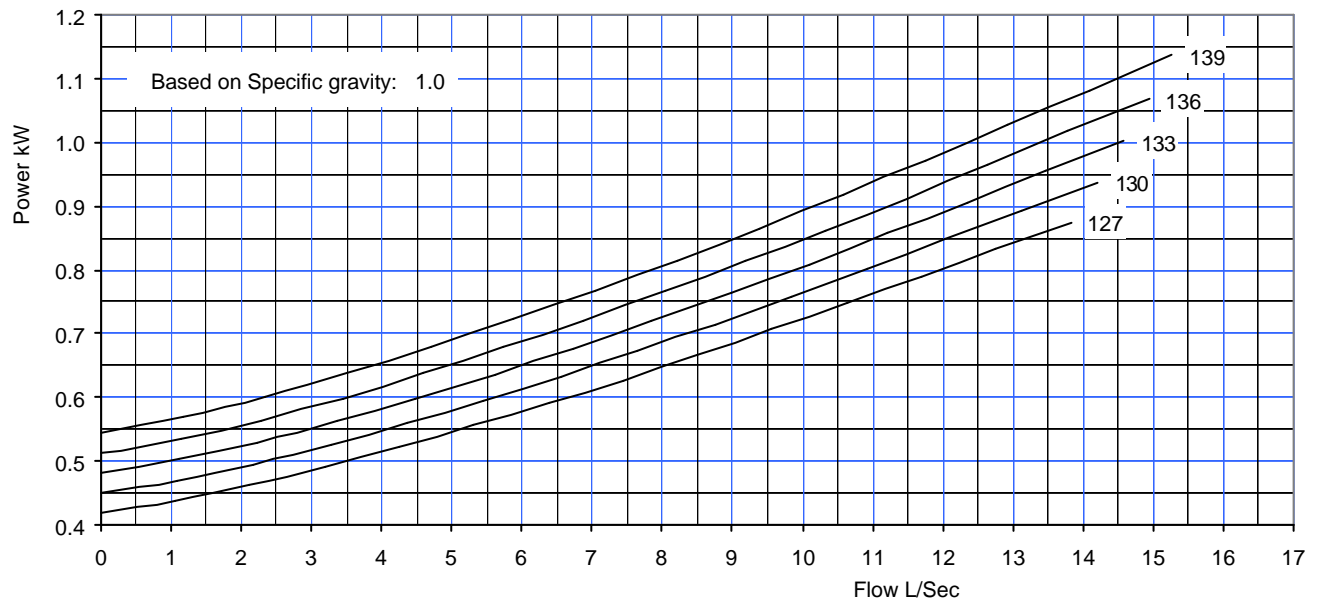
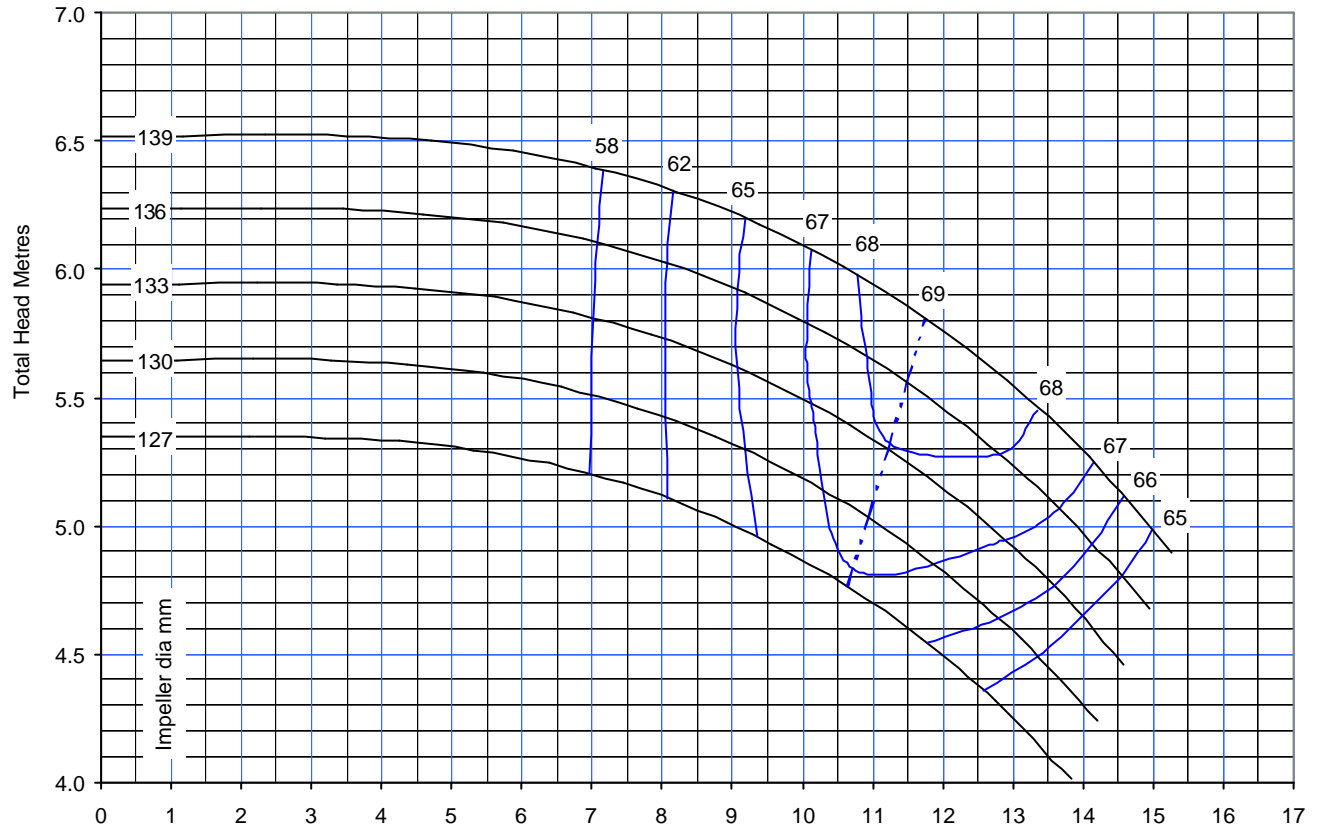
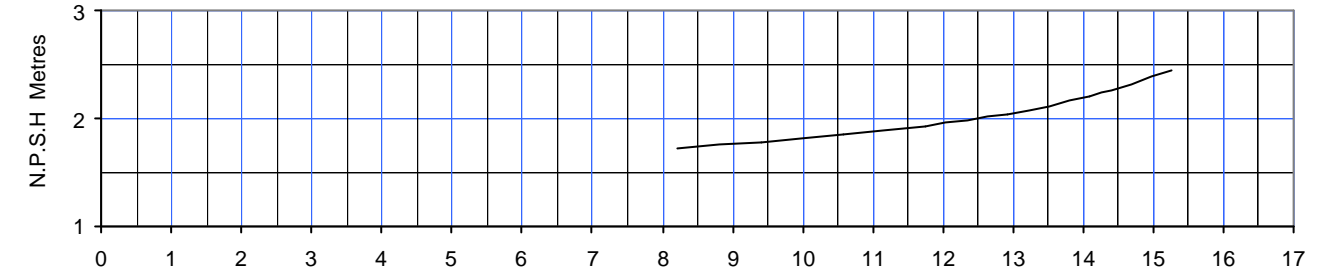
SUCTION DIA 65	DISCHARGE DIA 50	MAX PRESSURE 12 bar	PUMP MODEL TC 50-200	SPEED 1420
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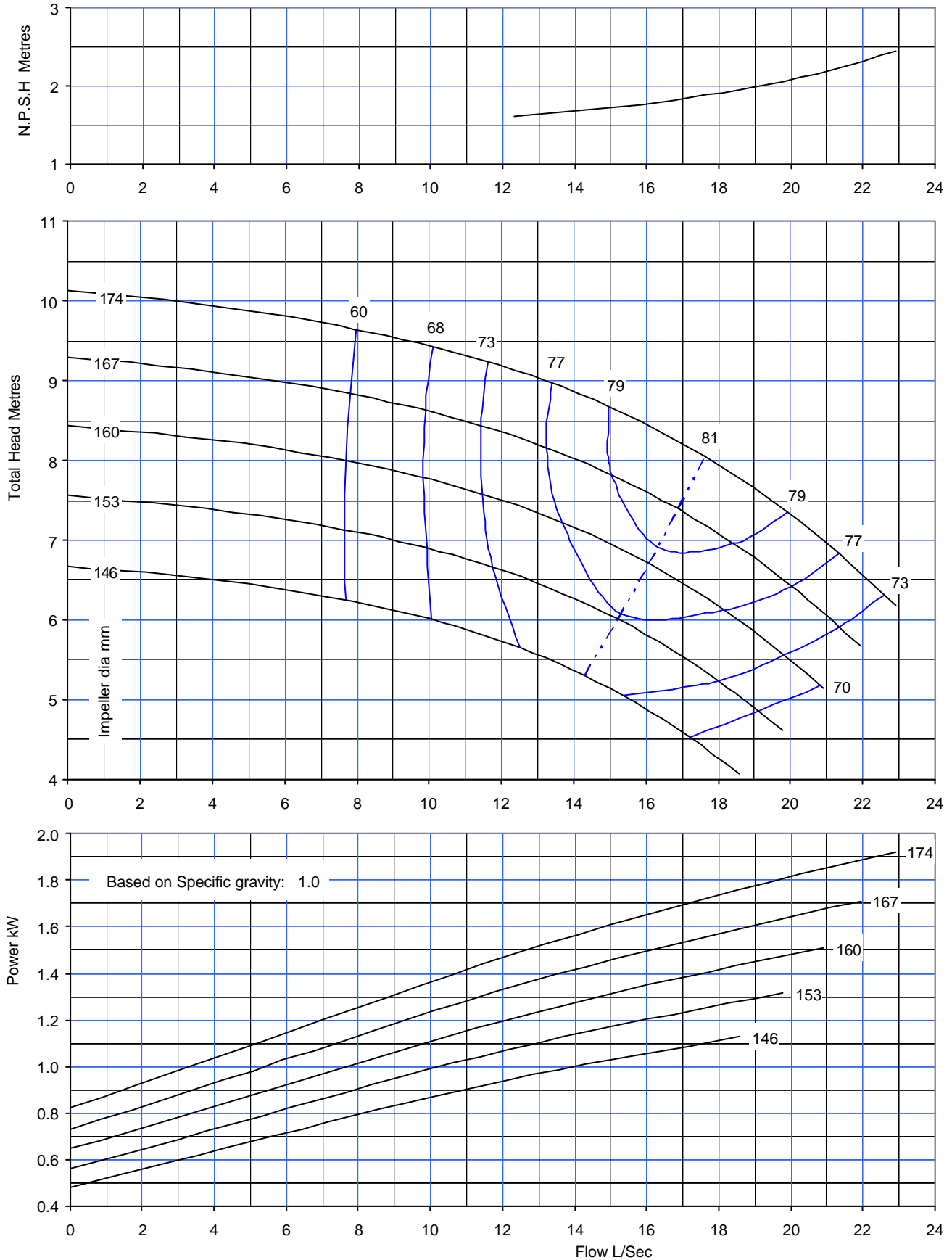
SUCTION DIA 65	DISCHARGE DIA 50	MAX PRESSURE 12 bar	PUMP MODEL TC 50-250	SPEED 1440
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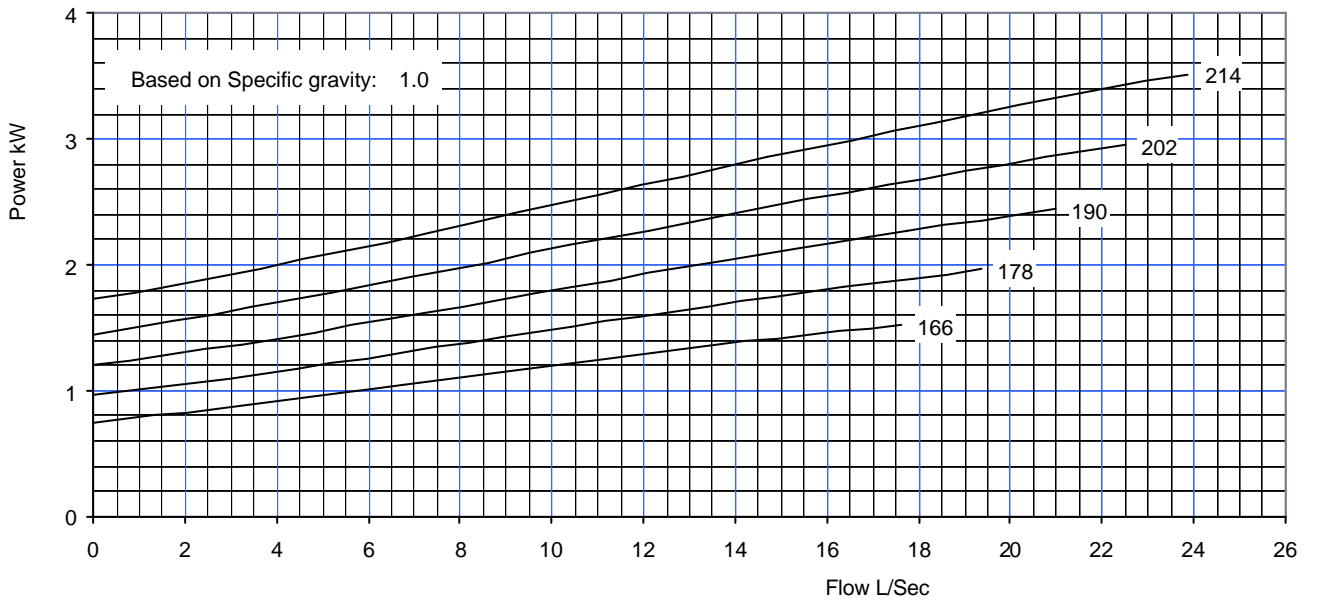
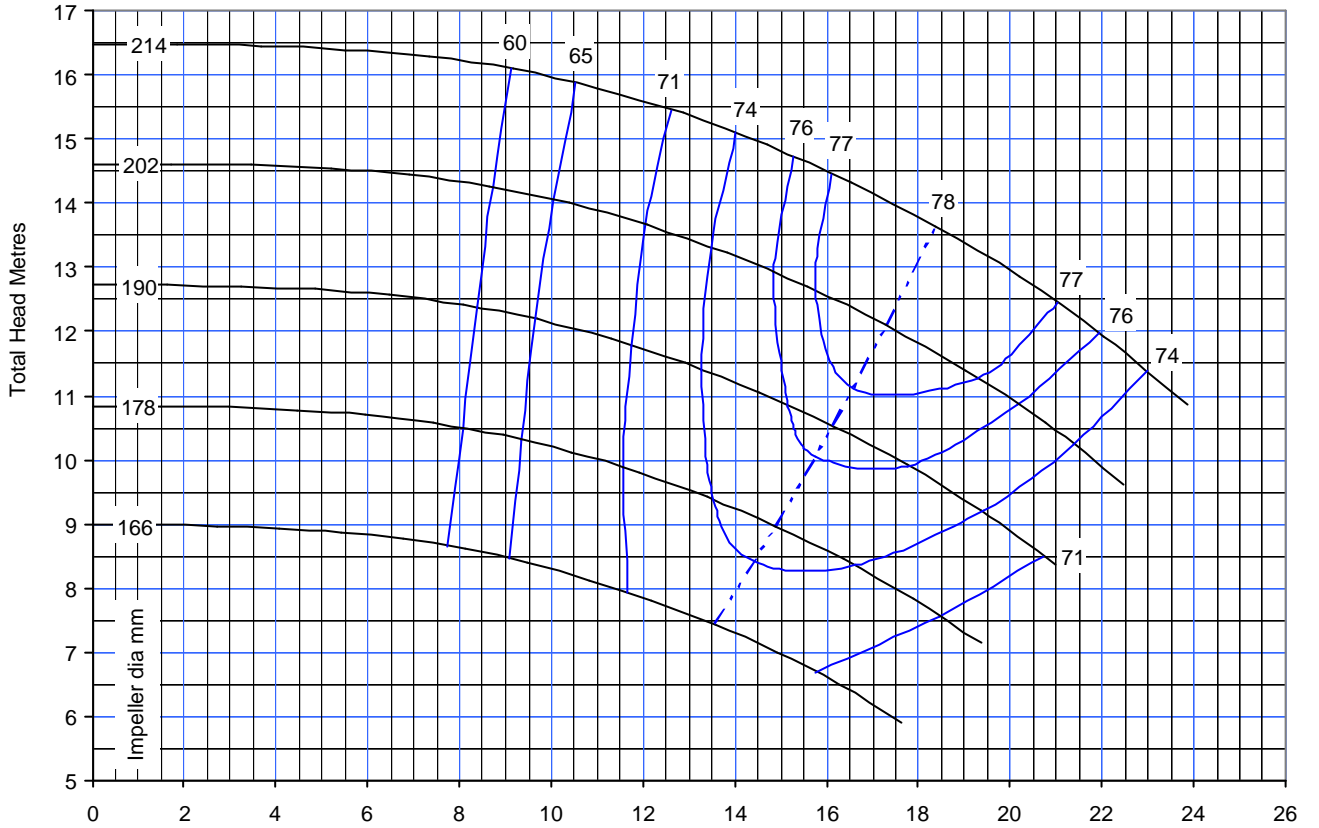
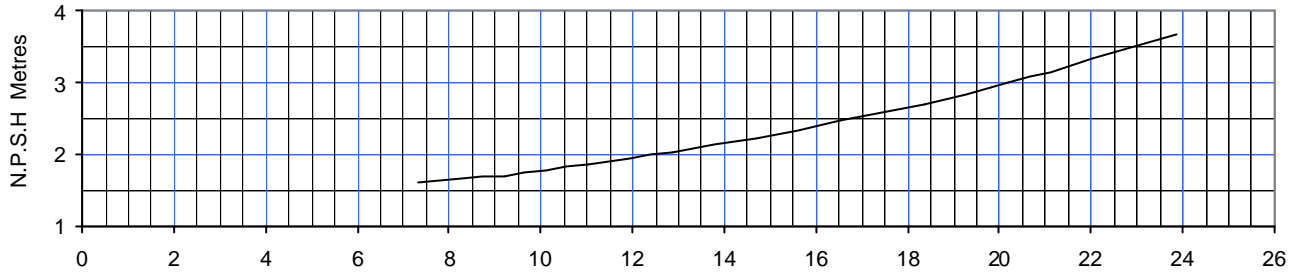
SUCTION DIA 65	DISCHARGE DIA 50	MAX PRESSURE 12 bar	PUMP MODEL TC 50-315	SPEED 1450
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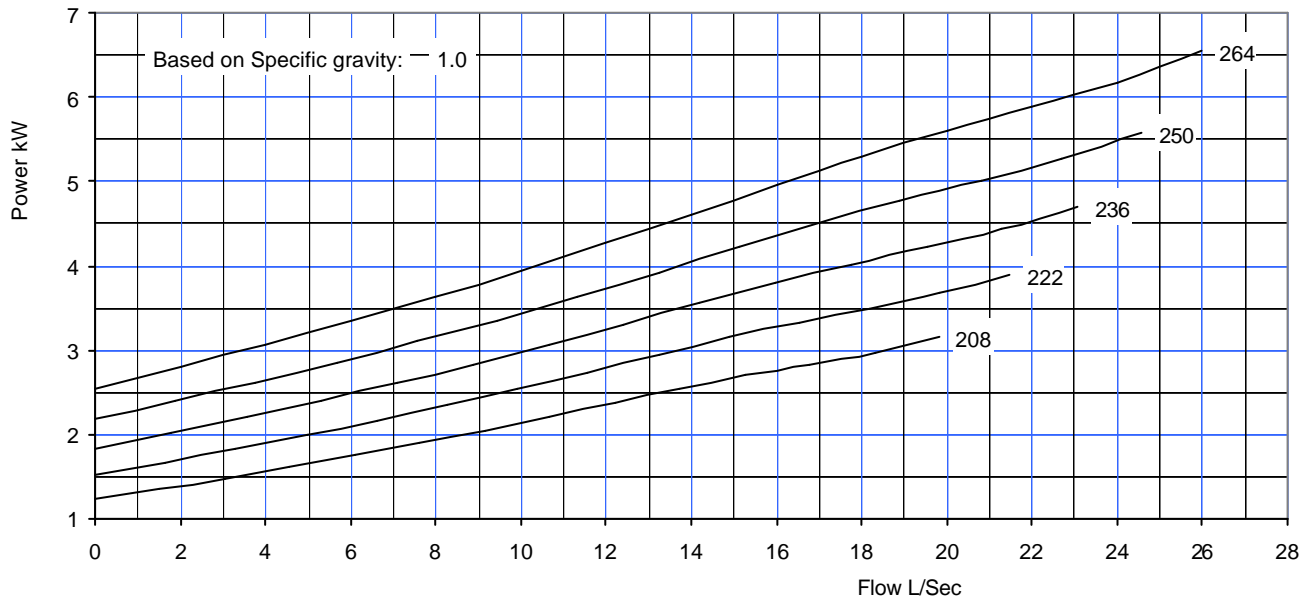
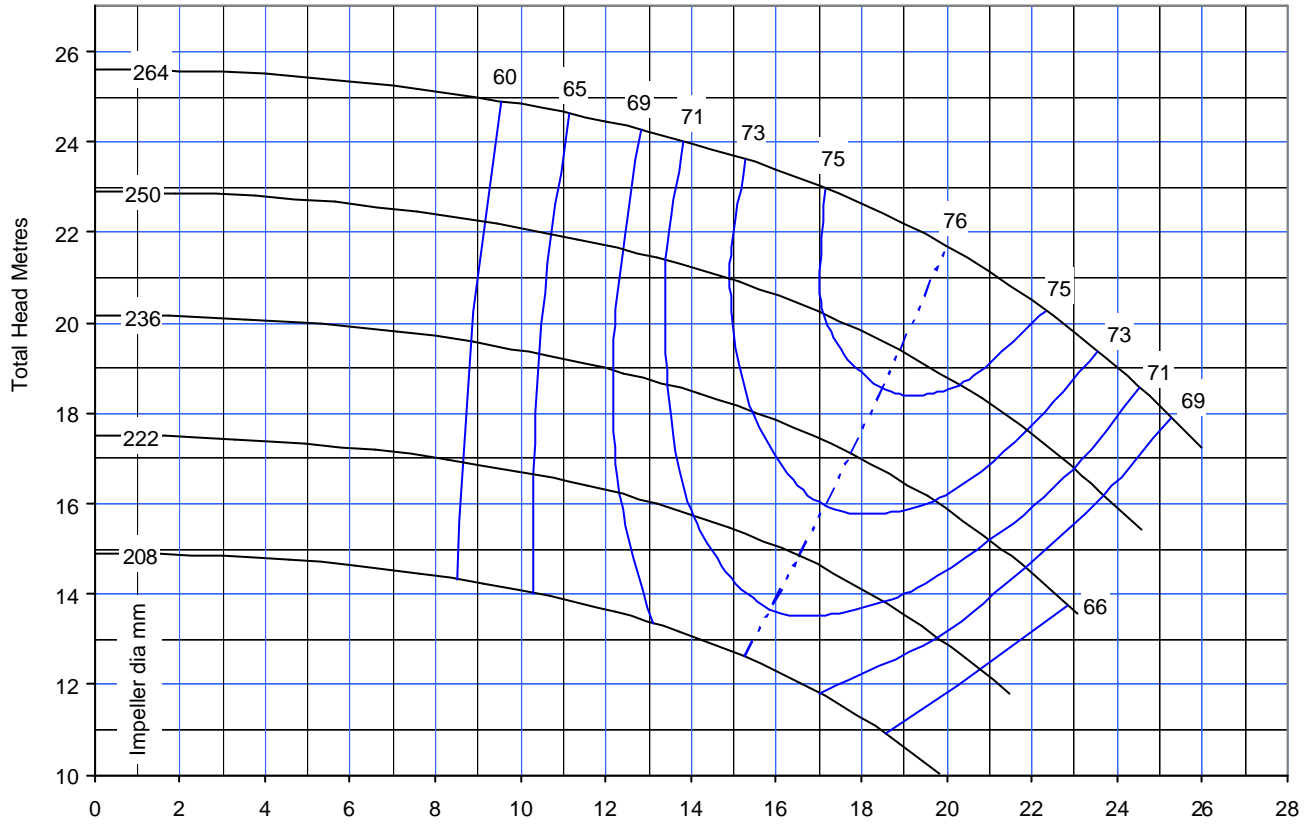
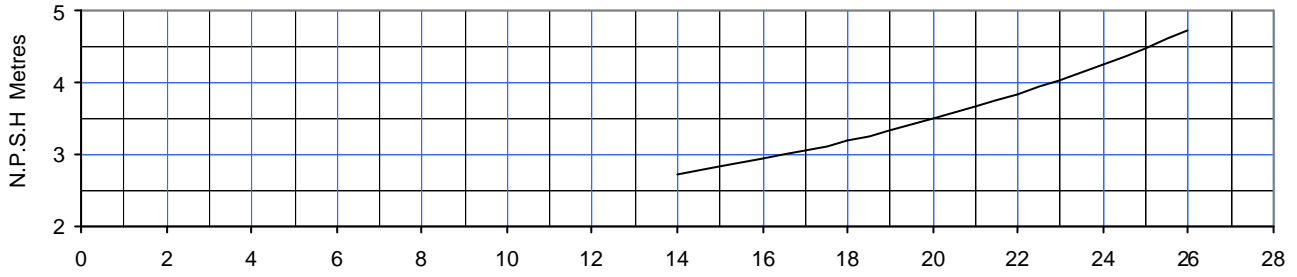
SUCTION DIA 80	DISCHARGE DIA 65	MAX PRESSURE 12 bar	PUMP MODEL TC 65-125	SPEED 1420
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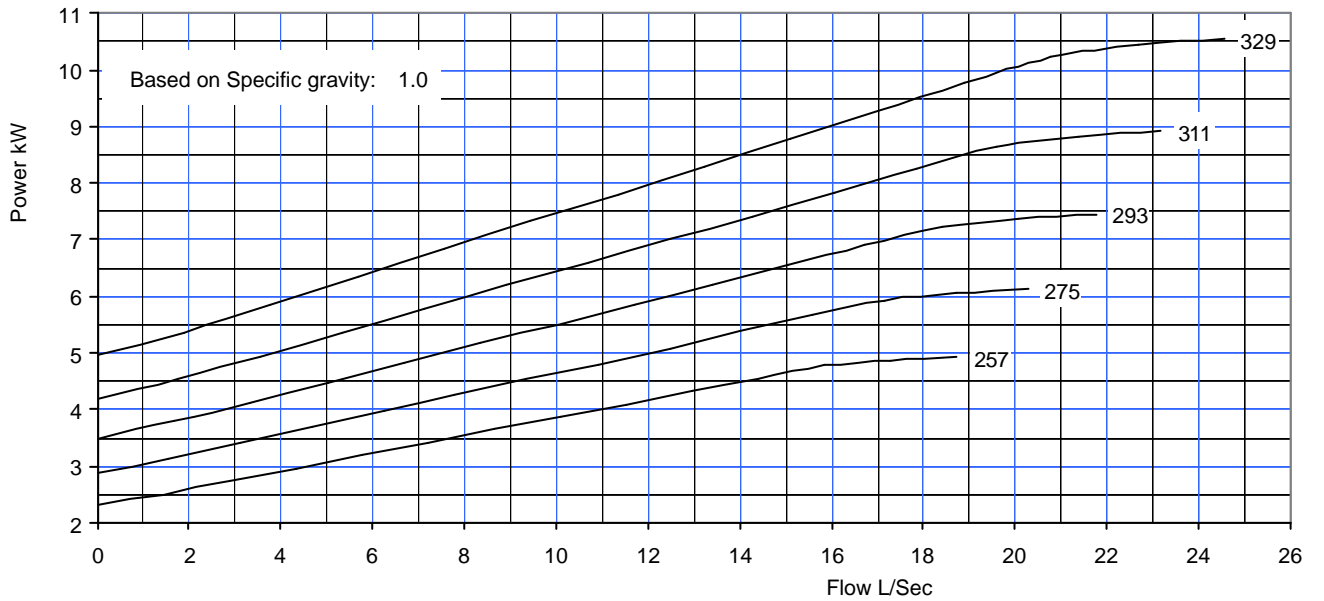
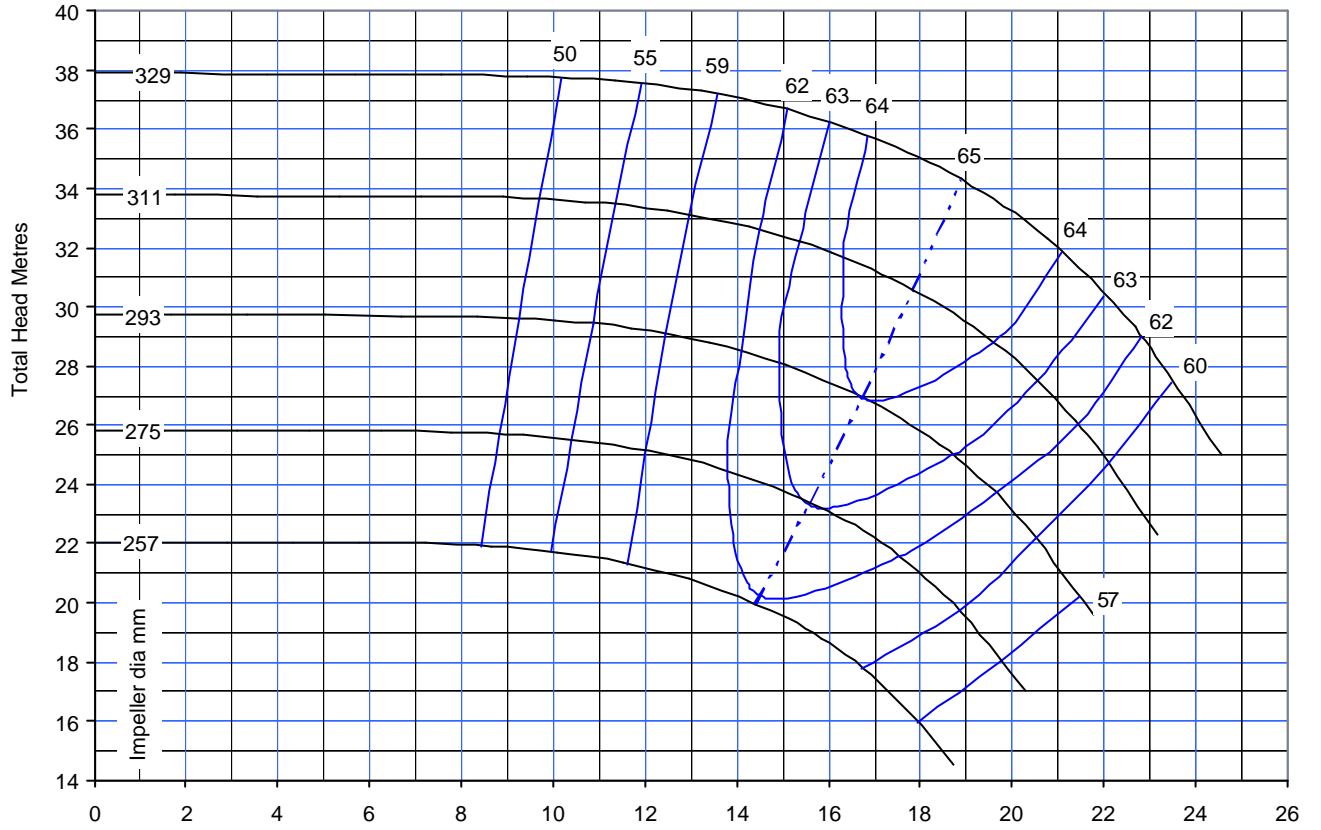
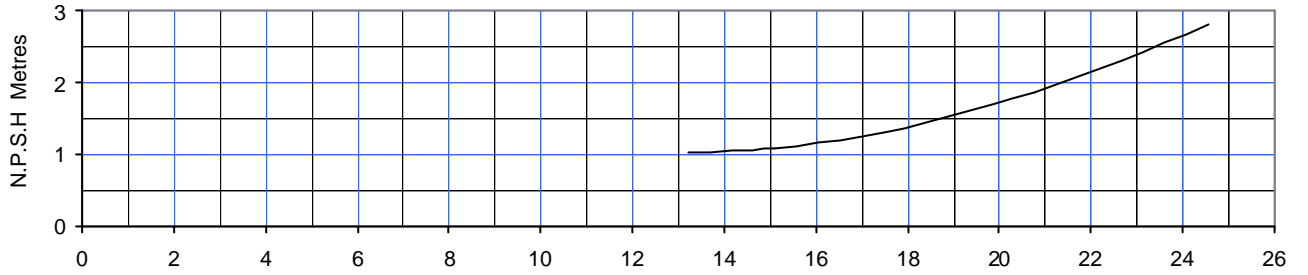
SUCTION DIA 80	DISCHARGE DIA 65	MAX PRESSURE 12 bar	PUMP MODEL TC 65-160	SPEED 1420
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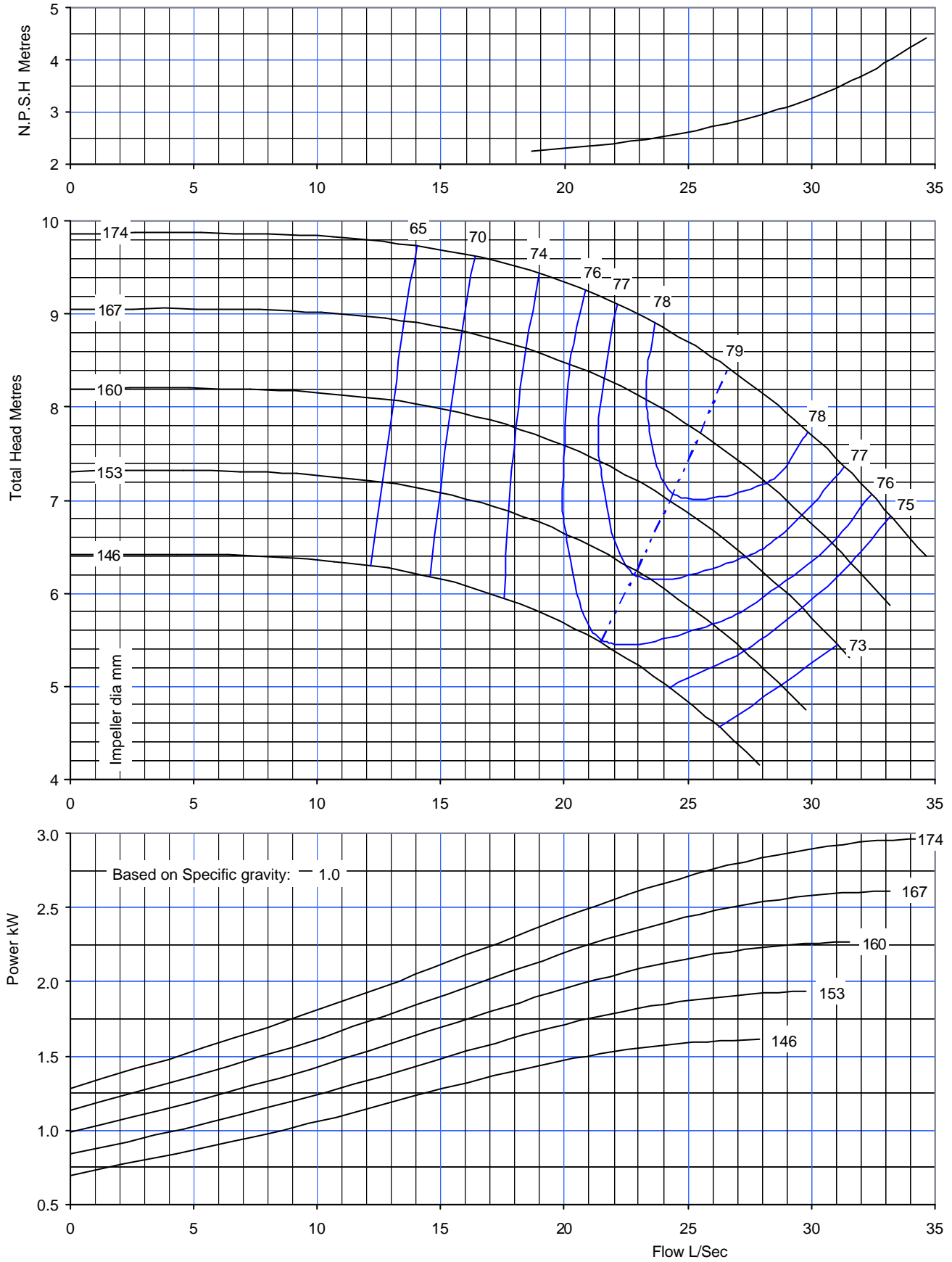
SUCTION DIA 80	DISCHARGE DIA 65	MAX PRESSURE 12 bar	PUMP MODEL TC 65-200	SPEED 1440
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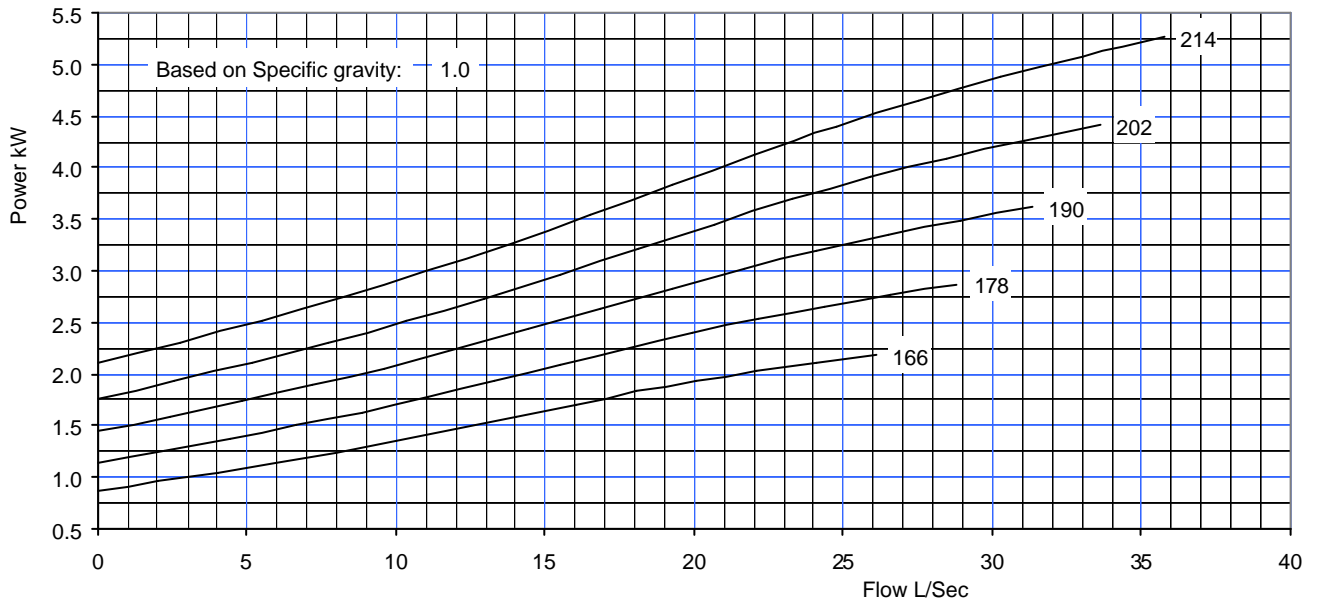
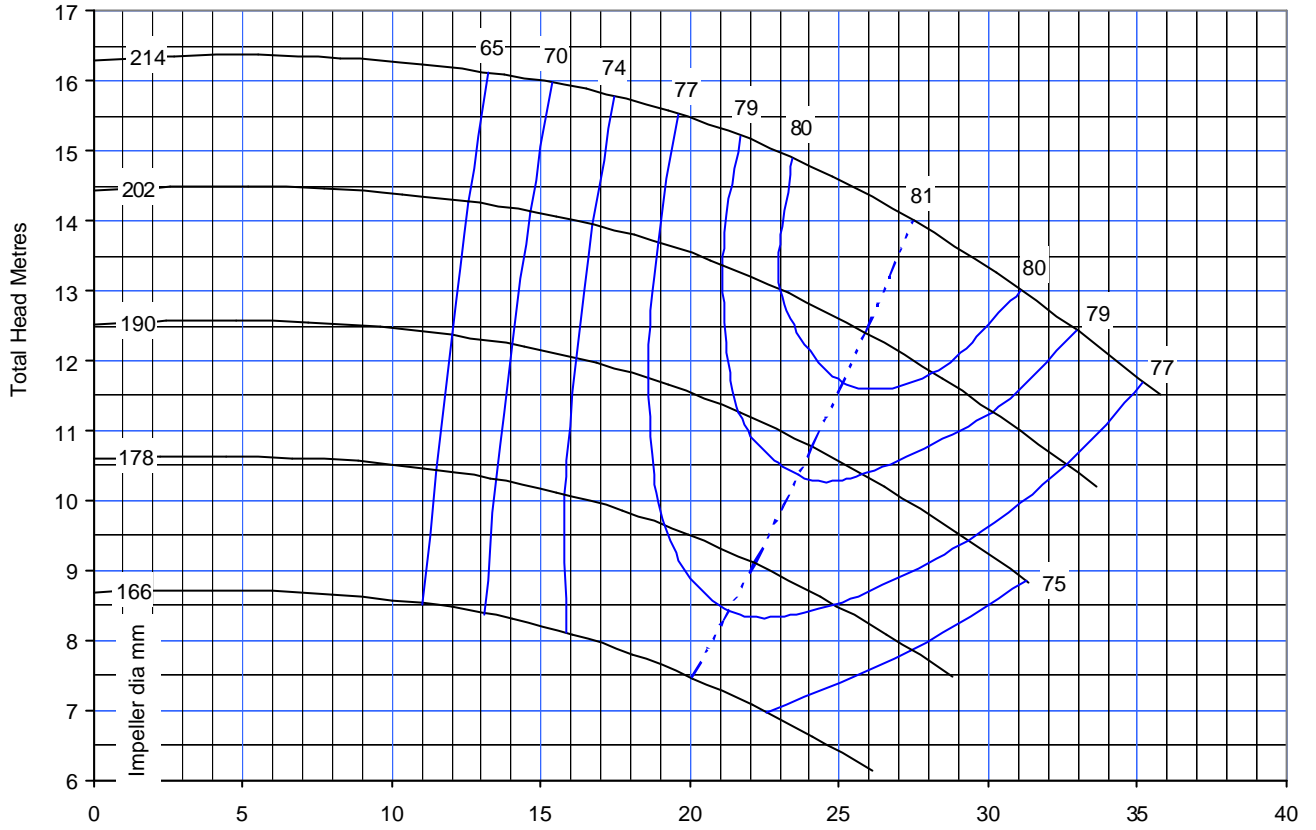
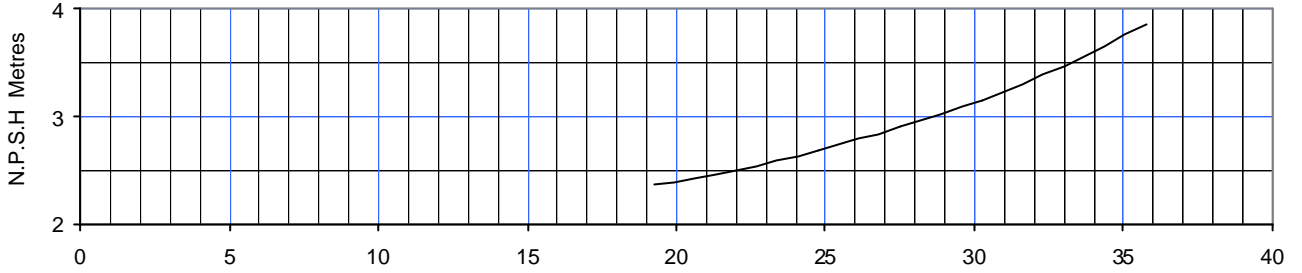
SUCTION DIA 80	DISCHARGE DIA 65	MAX PRESSURE 12 bar	PUMP MODEL TC 65-250	SPEED 1450
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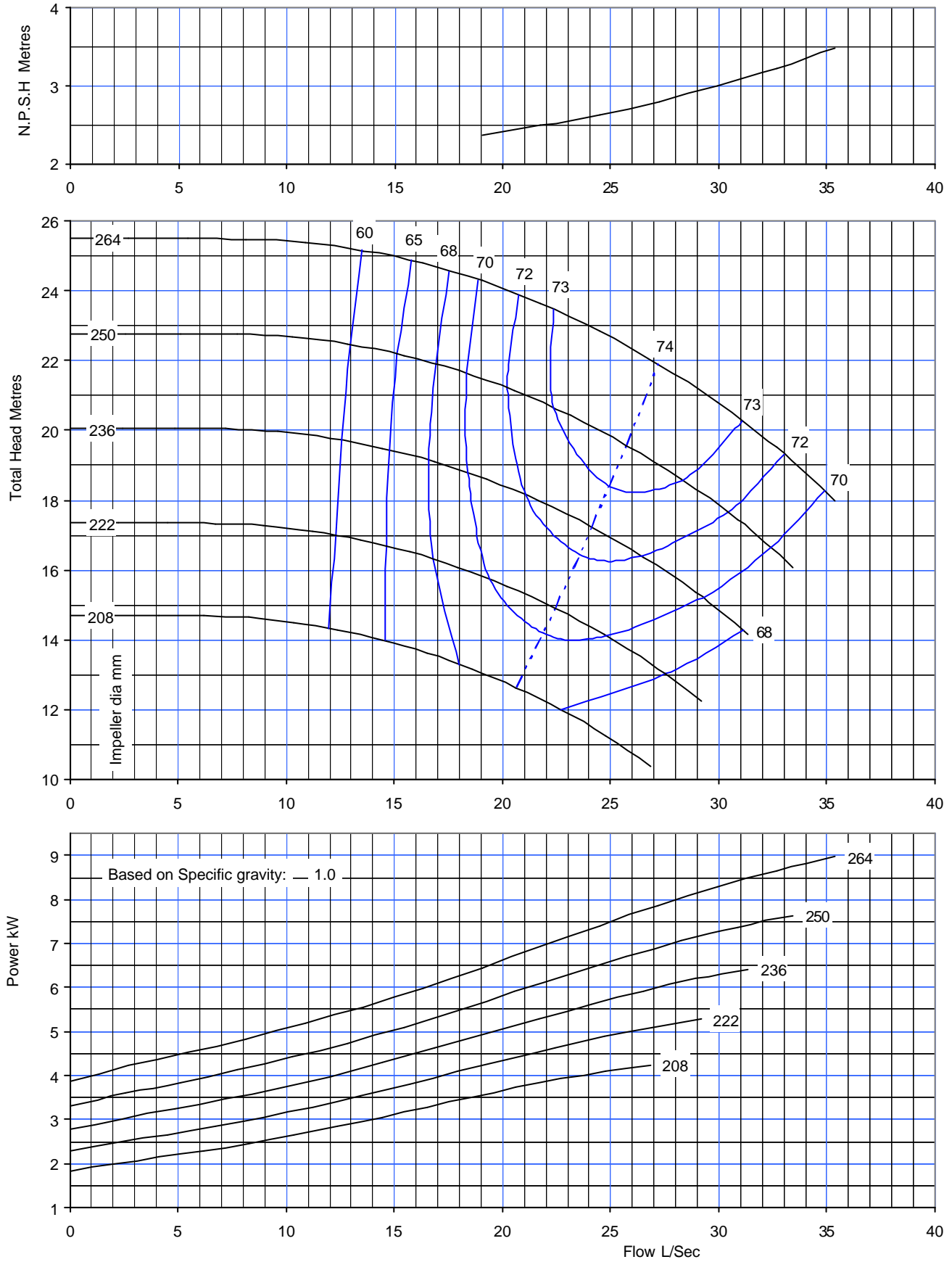
SUCTION DIA 80	DISCHARGE DIA 65	MAX PRESSURE 12 bar	PUMP MODEL TC 65-315	SPEED 1450
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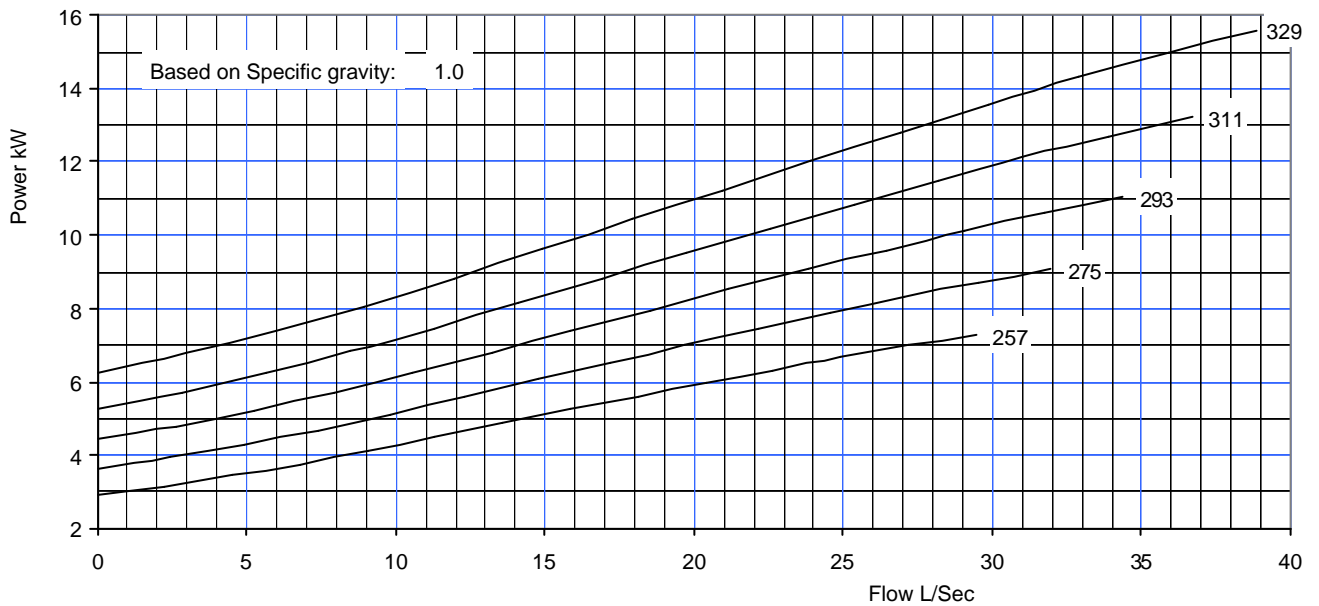
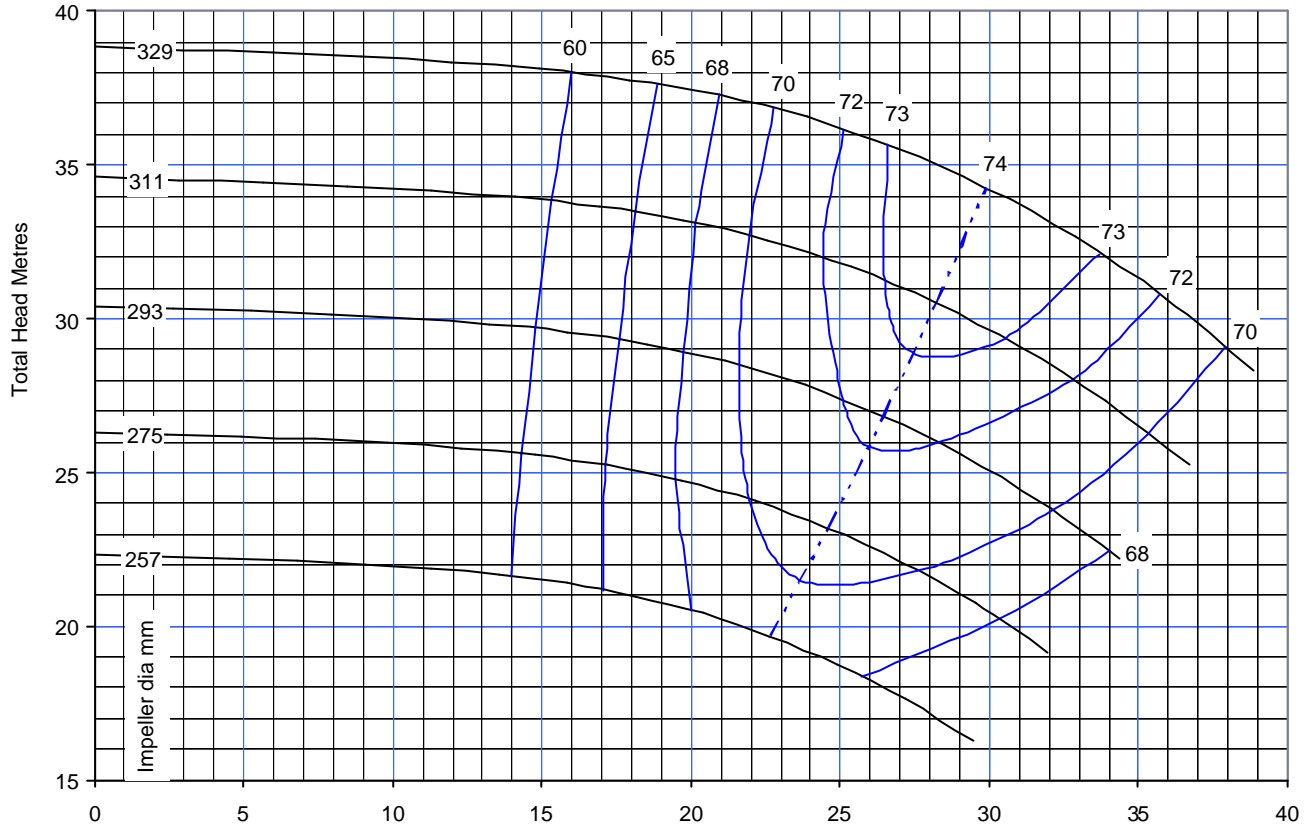
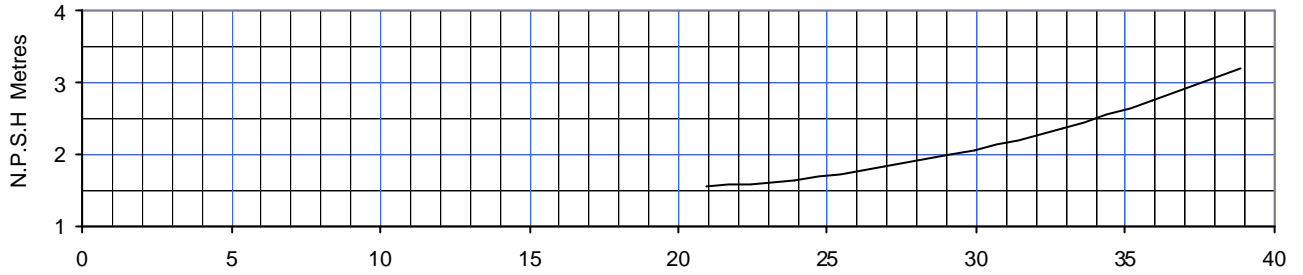
SUCTION DIA 100	DISCHARGE DIA 80	MAX PRESSURE 12 bar	PUMP MODEL TC 80-160	SPEED 1420
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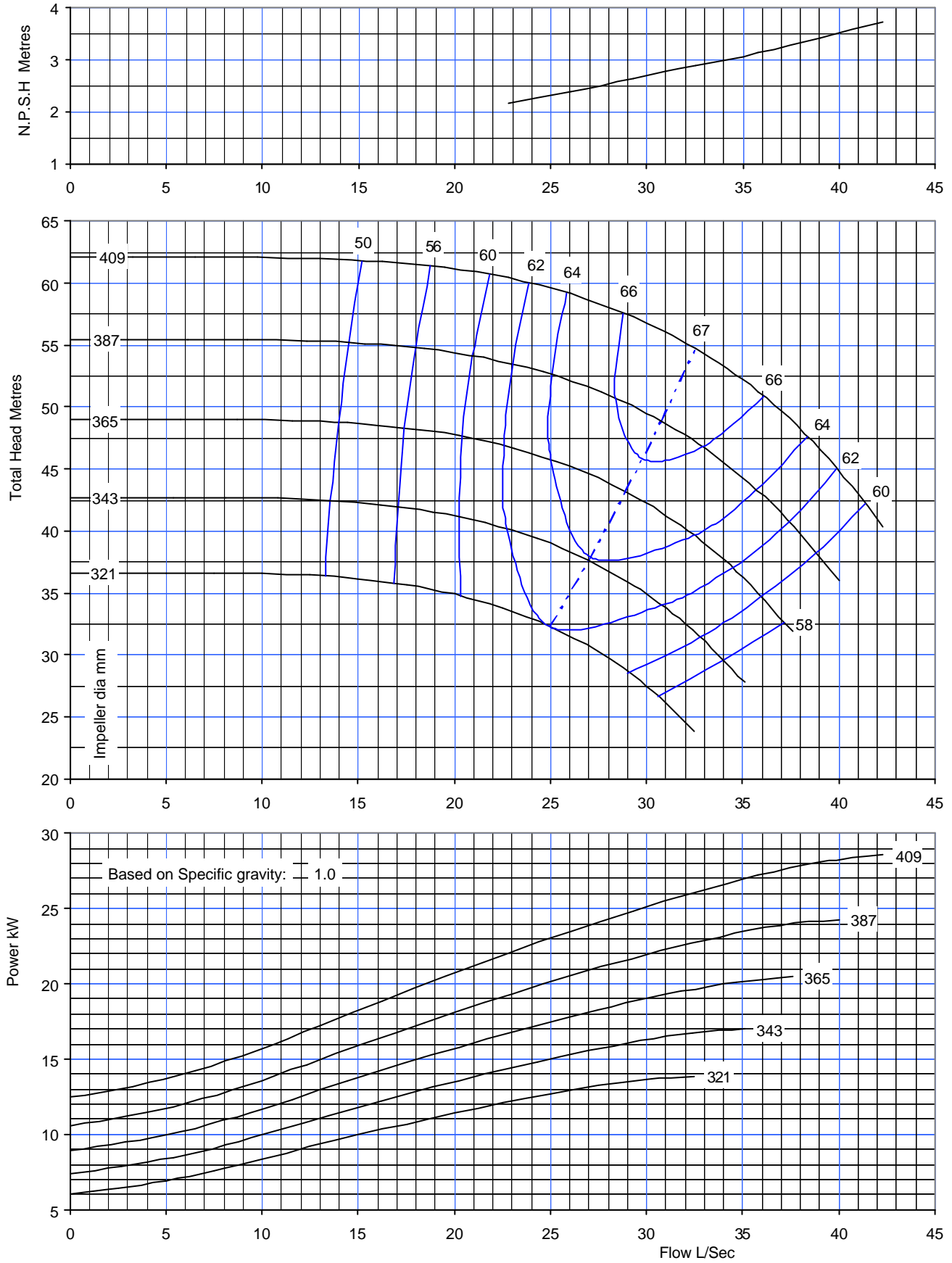
SUCTION DIA 100	DISCHARGE DIA 80	MAX PRESSURE 12 bar	PUMP MODEL TC 80-200	SPEED 1450
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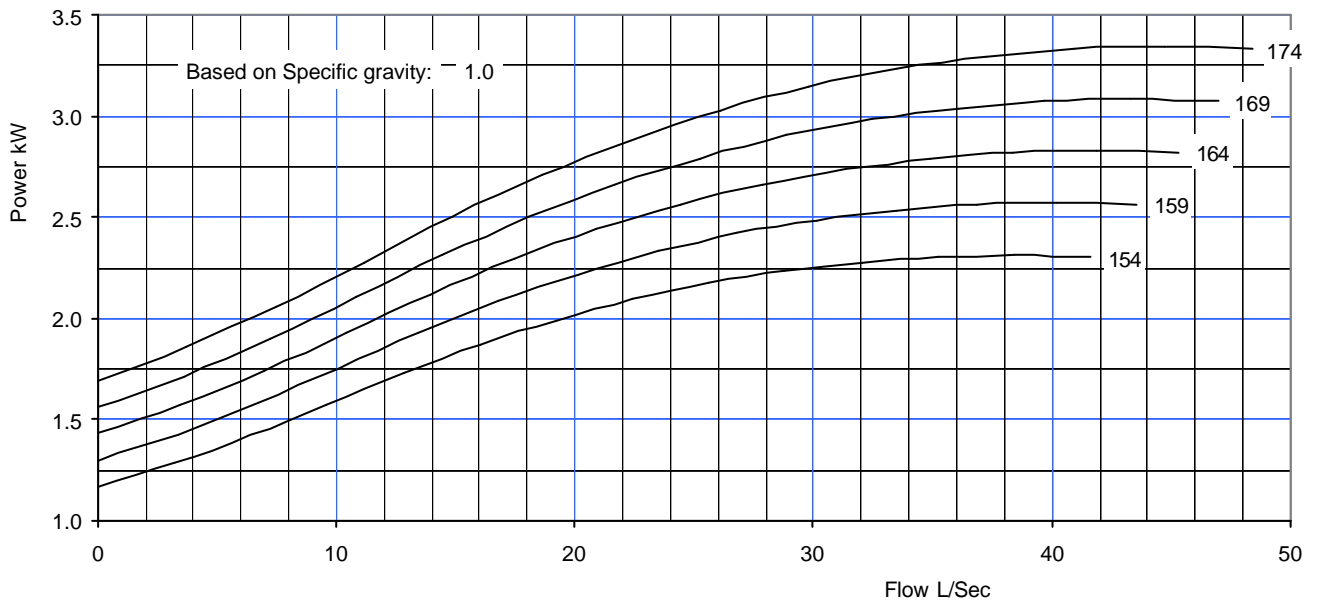
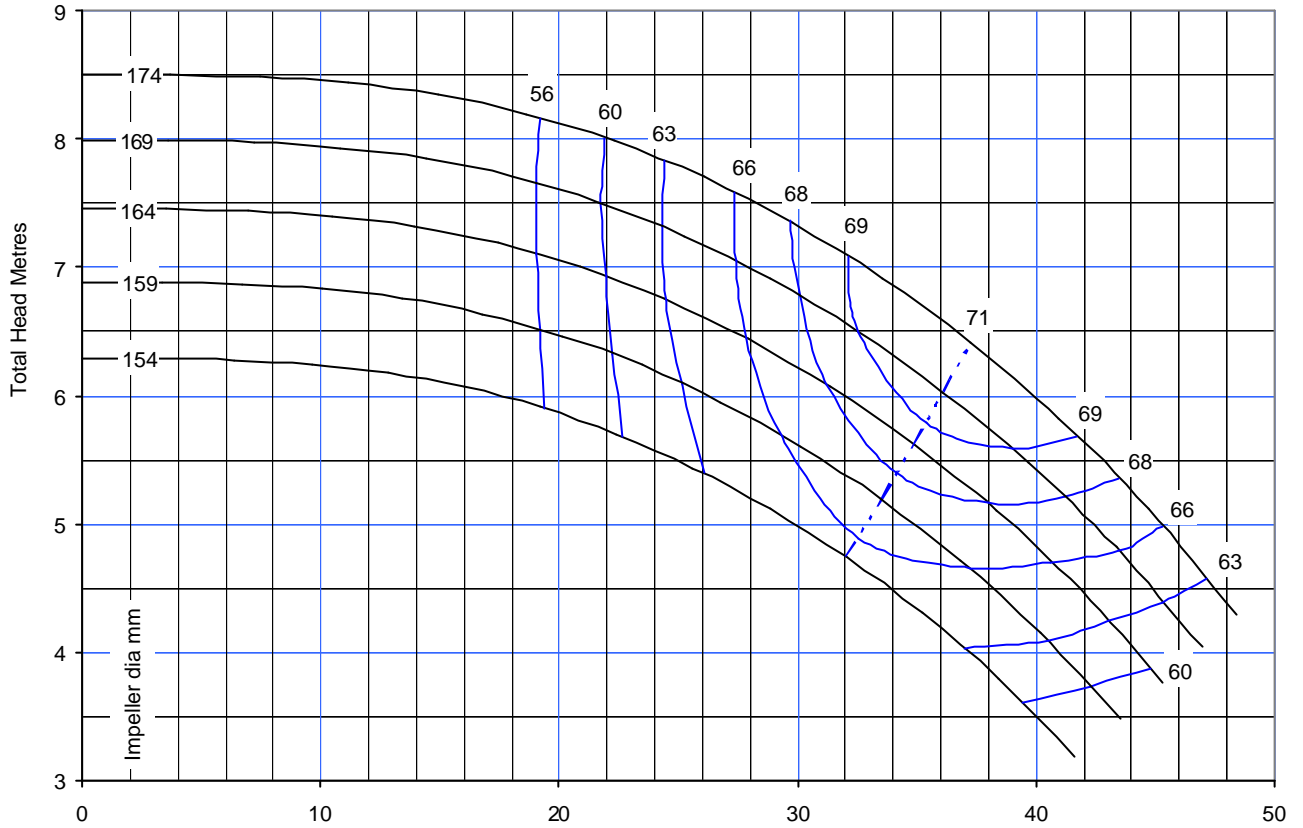
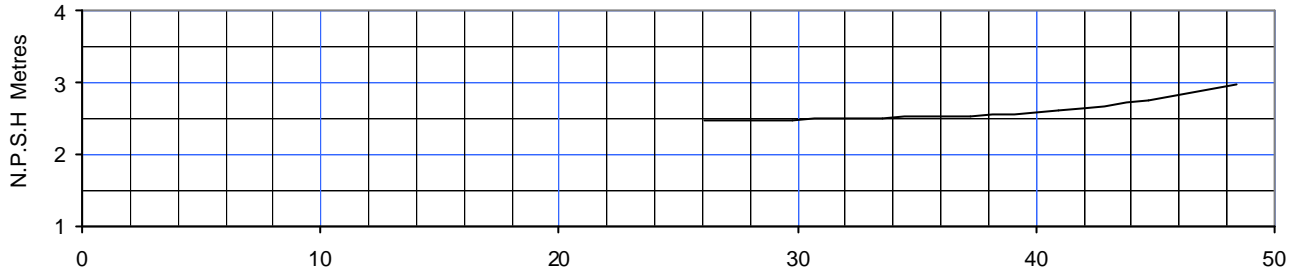
SUCTION DIA 100	DISCHARGE DIA 80	MAX PRESSURE 12 bar	PUMP MODEL TC 80-250	SPEED 1450
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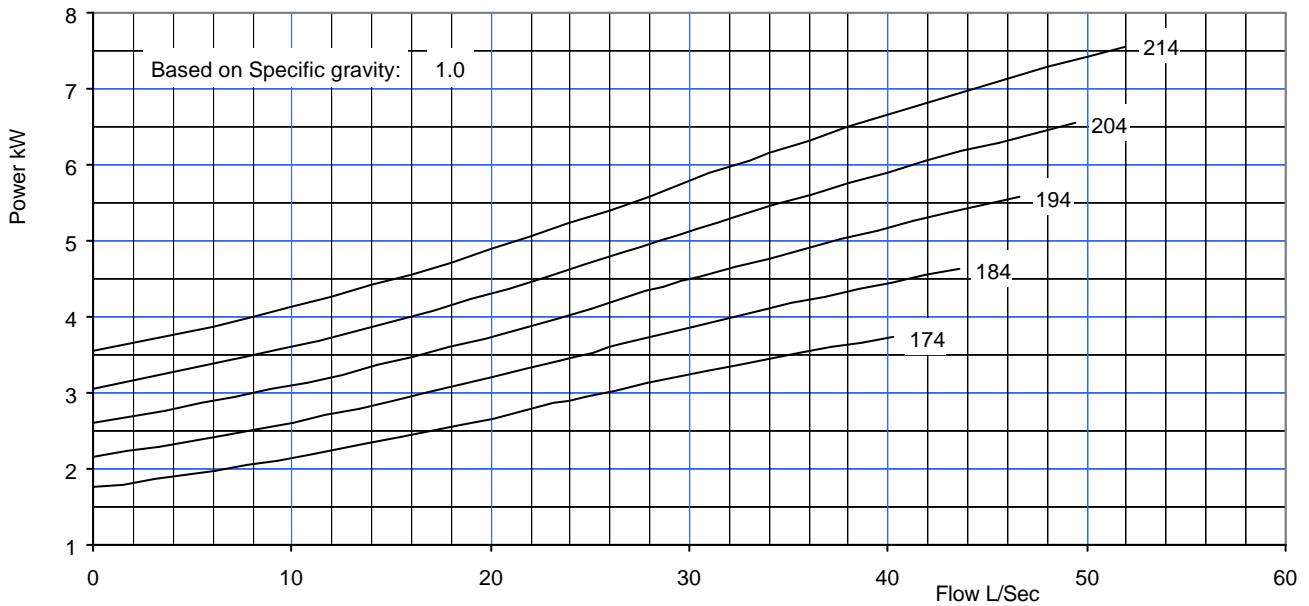
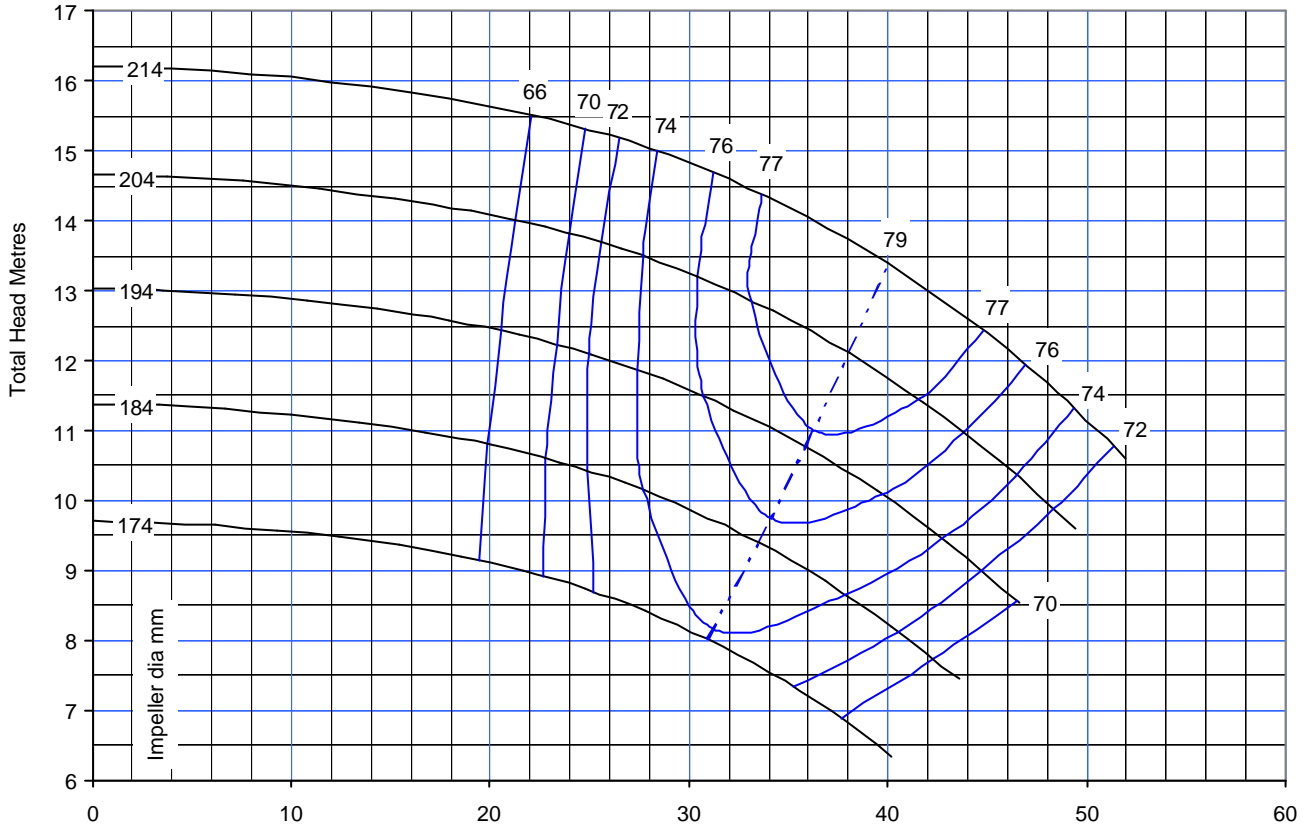
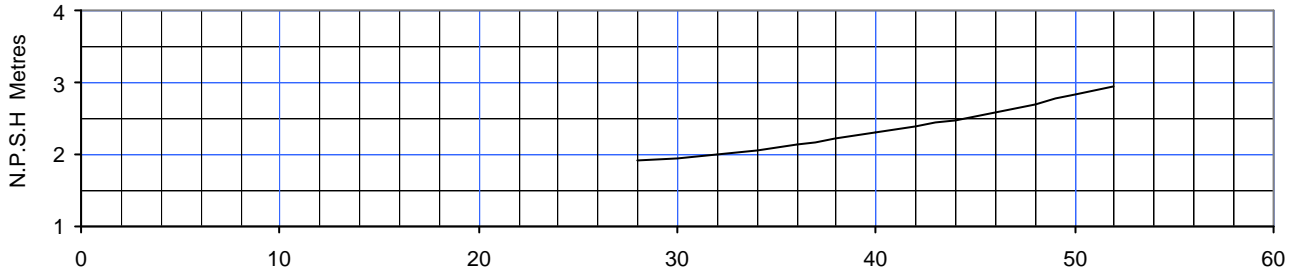
SUCTION DIA 100	DISCHARGE DIA 80	MAX PRESSURE 12 bar	PUMP MODEL TC 80-315	SPEED 1470
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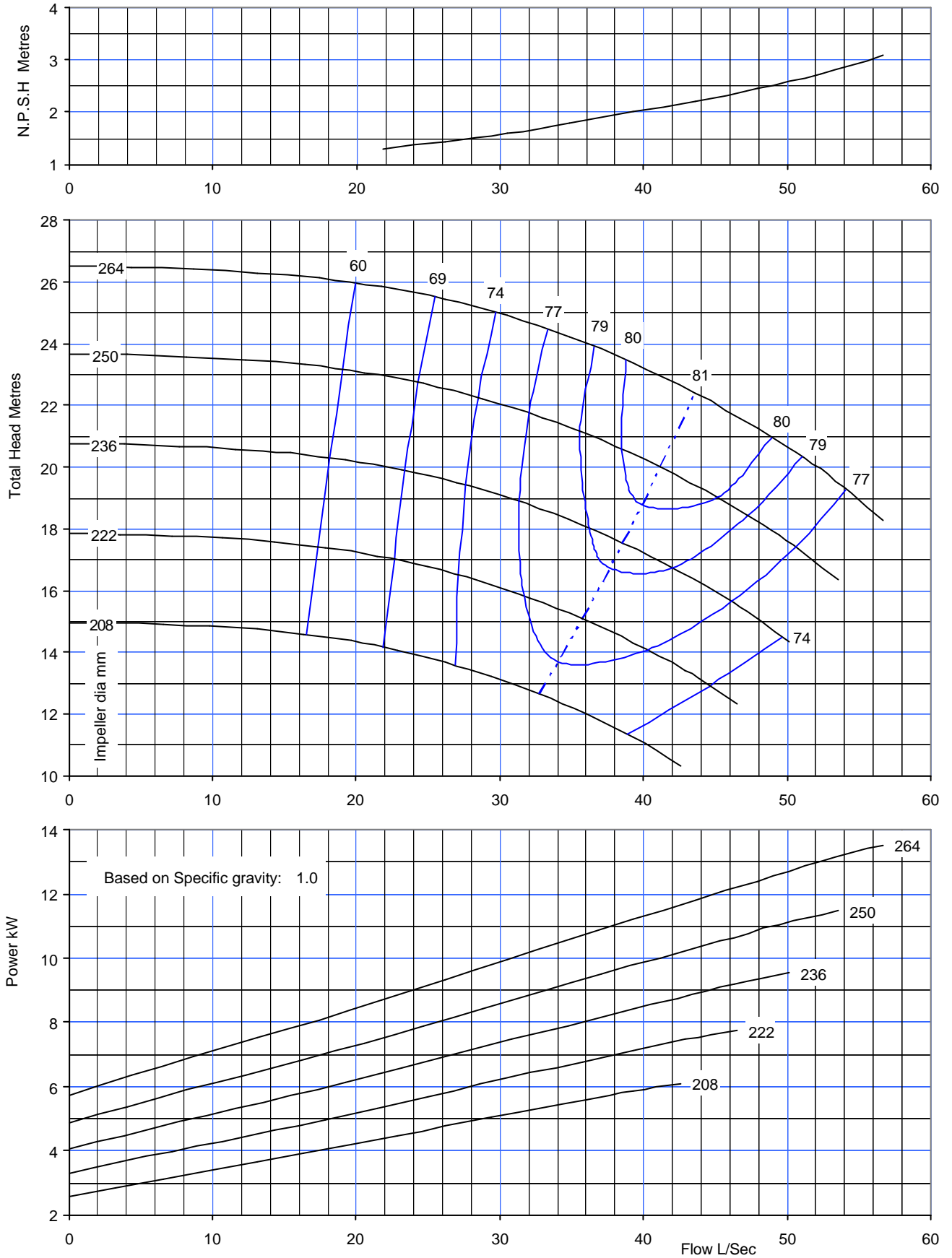
SUCTION DIA 100	DISCHARGE DIA 80	MAX PRESSURE 12 bar	PUMP MODEL TC 80-400	SPEED 1475
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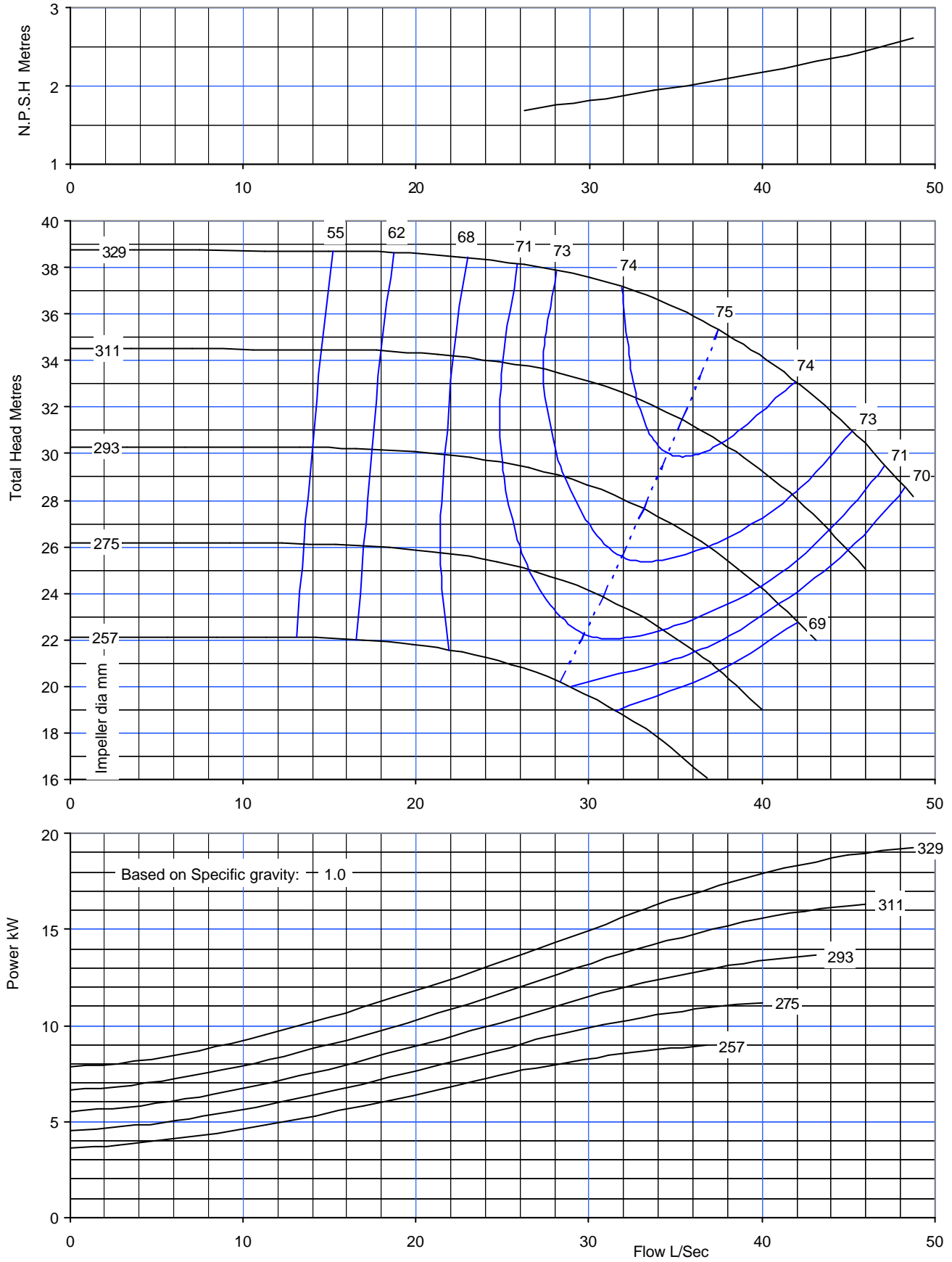
SUCTION DIA 125	DISCHARGE DIA 100	MAX PRESSURE 12 bar	PUMP MODEL TC 100-160	SPEED 1440
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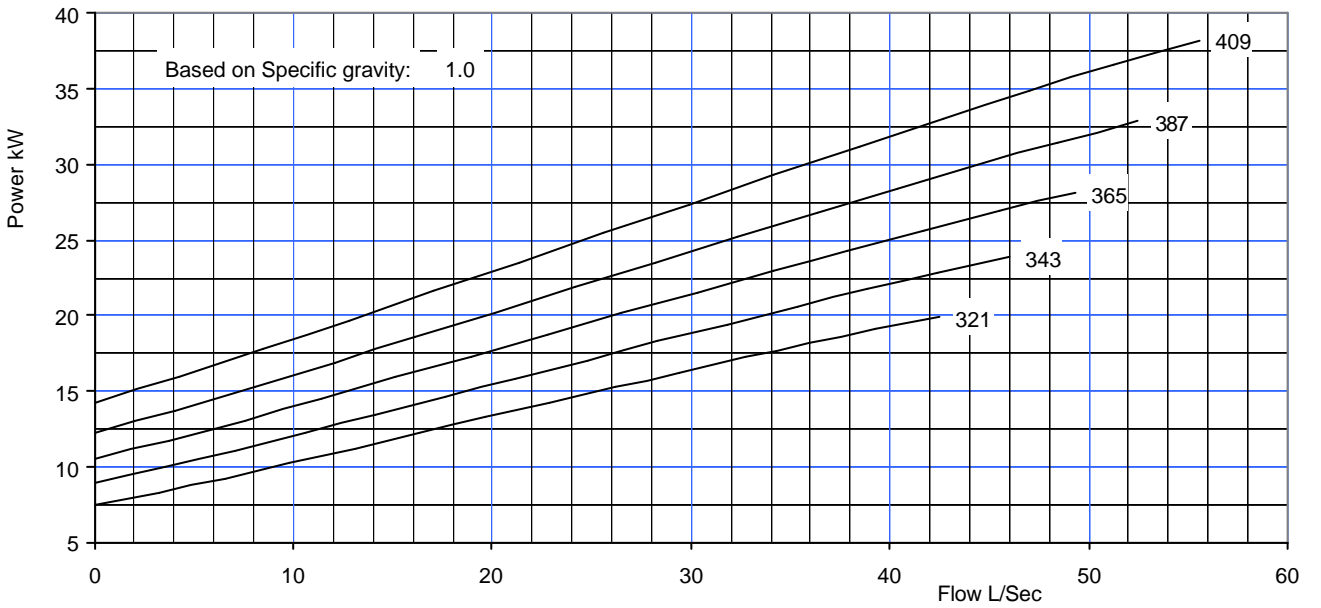
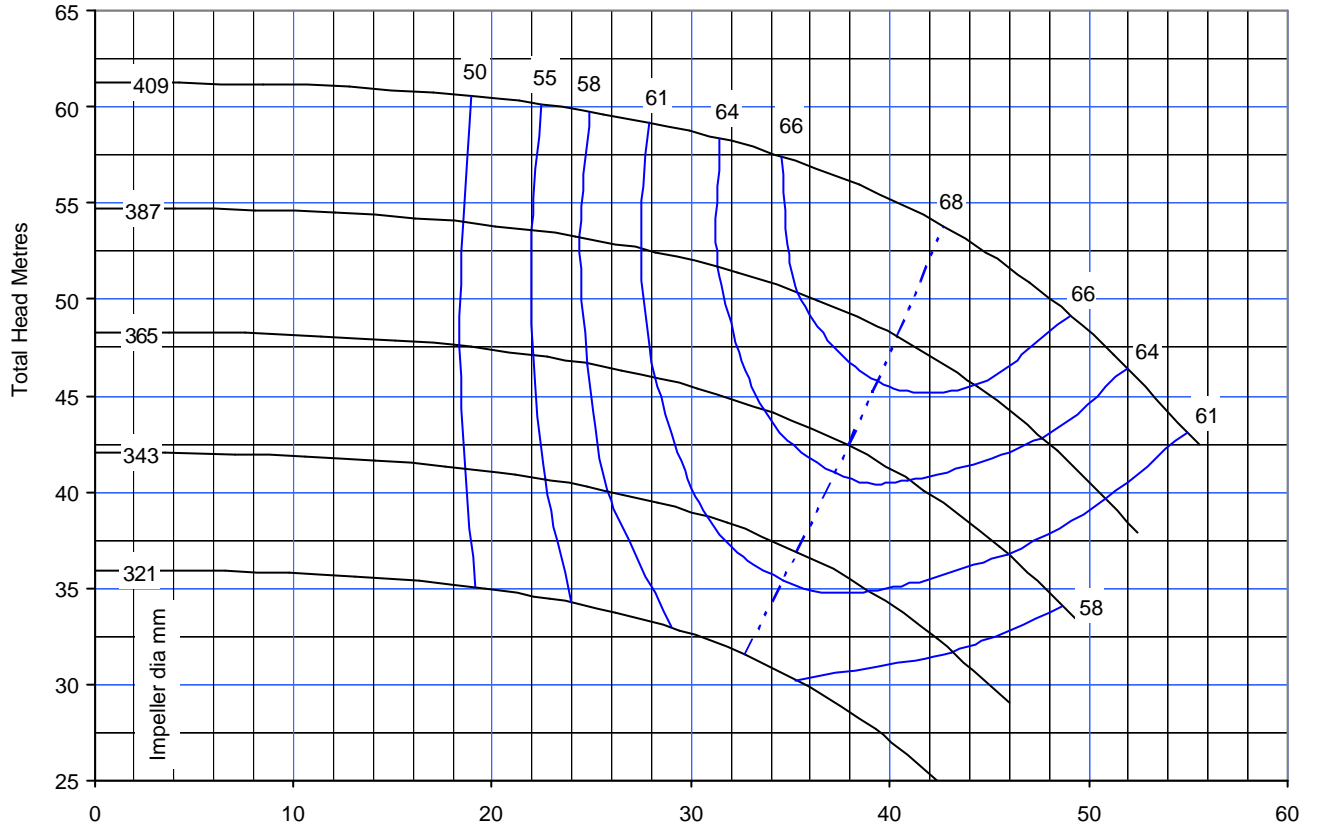
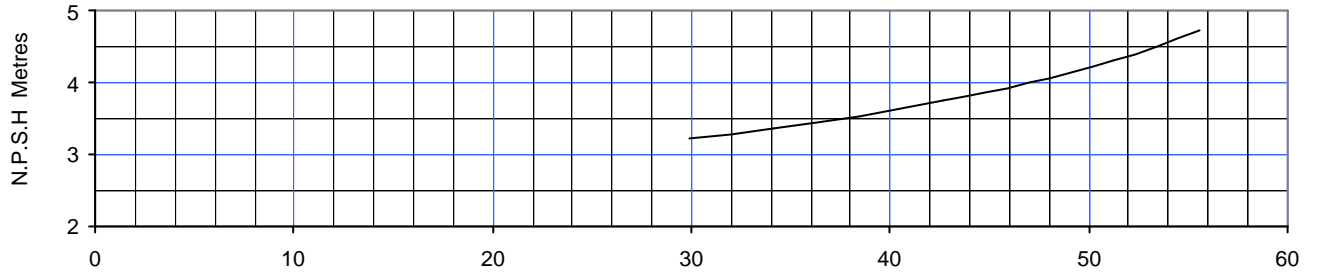
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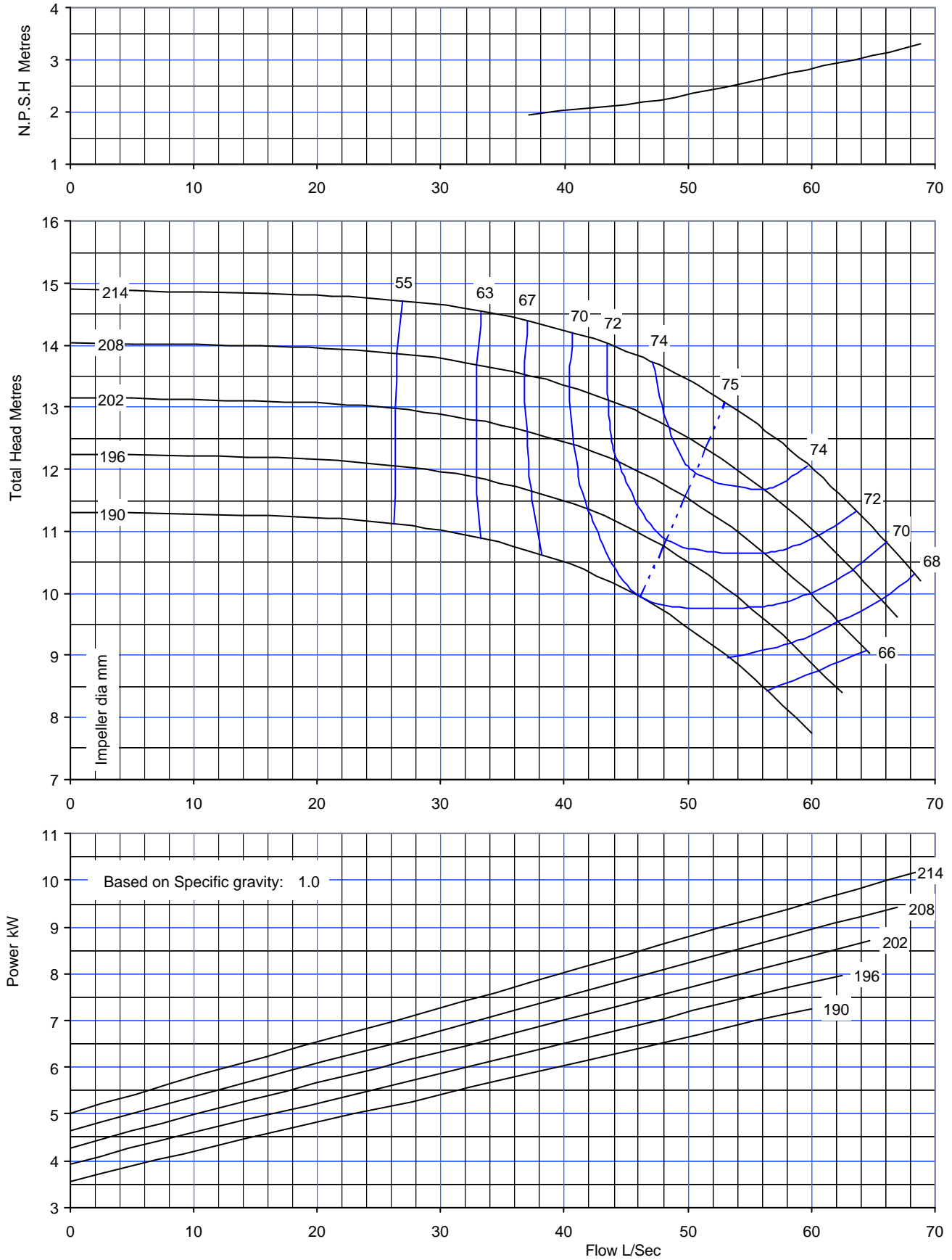
SUCTION DIA 125	DISCHARGE DIA 100	MAX PRESSURE 16 bar	PUMP MODEL TC 100-250	SPEED 1470
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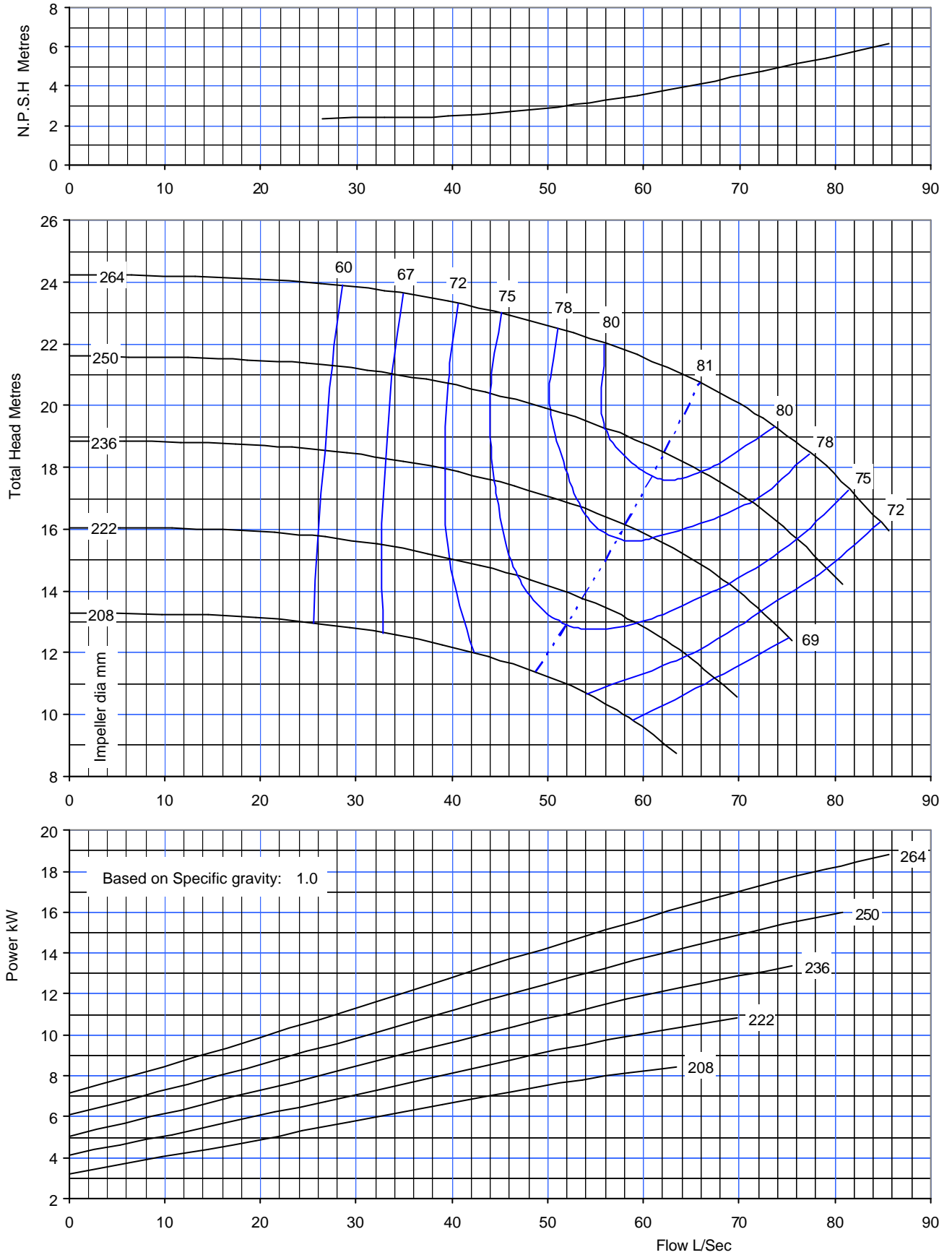
SUCTION DIA 125	DISCHARGE DIA 100	MAX PRESSURE 12 bar	PUMP MODEL TC 100-315	SPEED 1470
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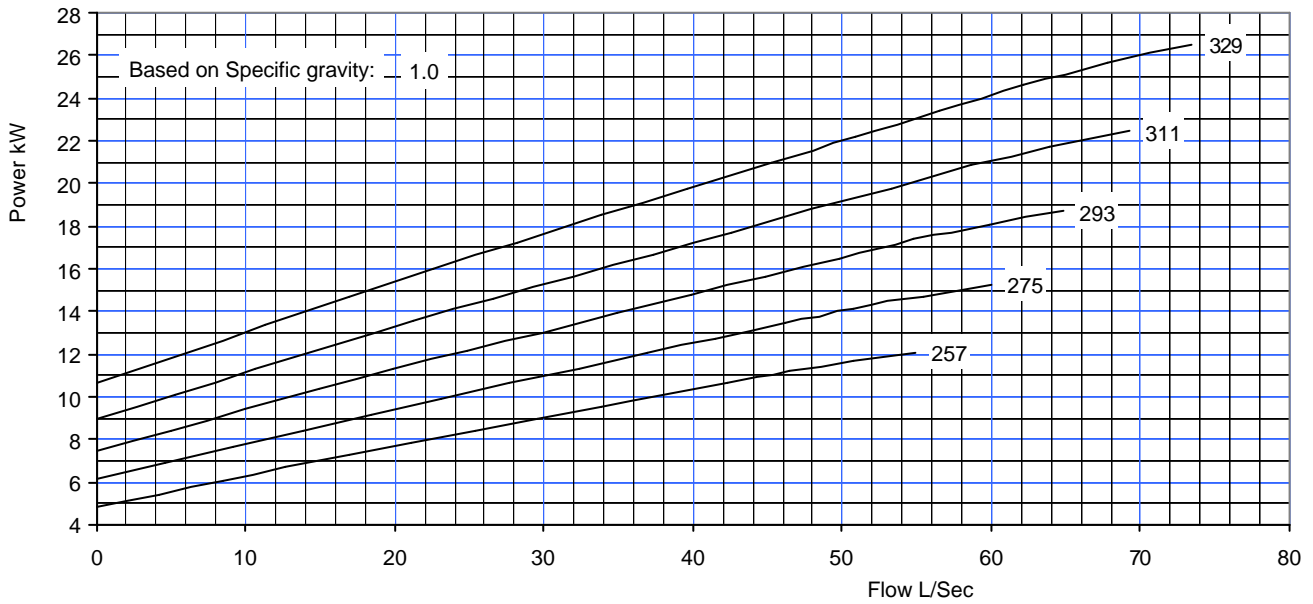
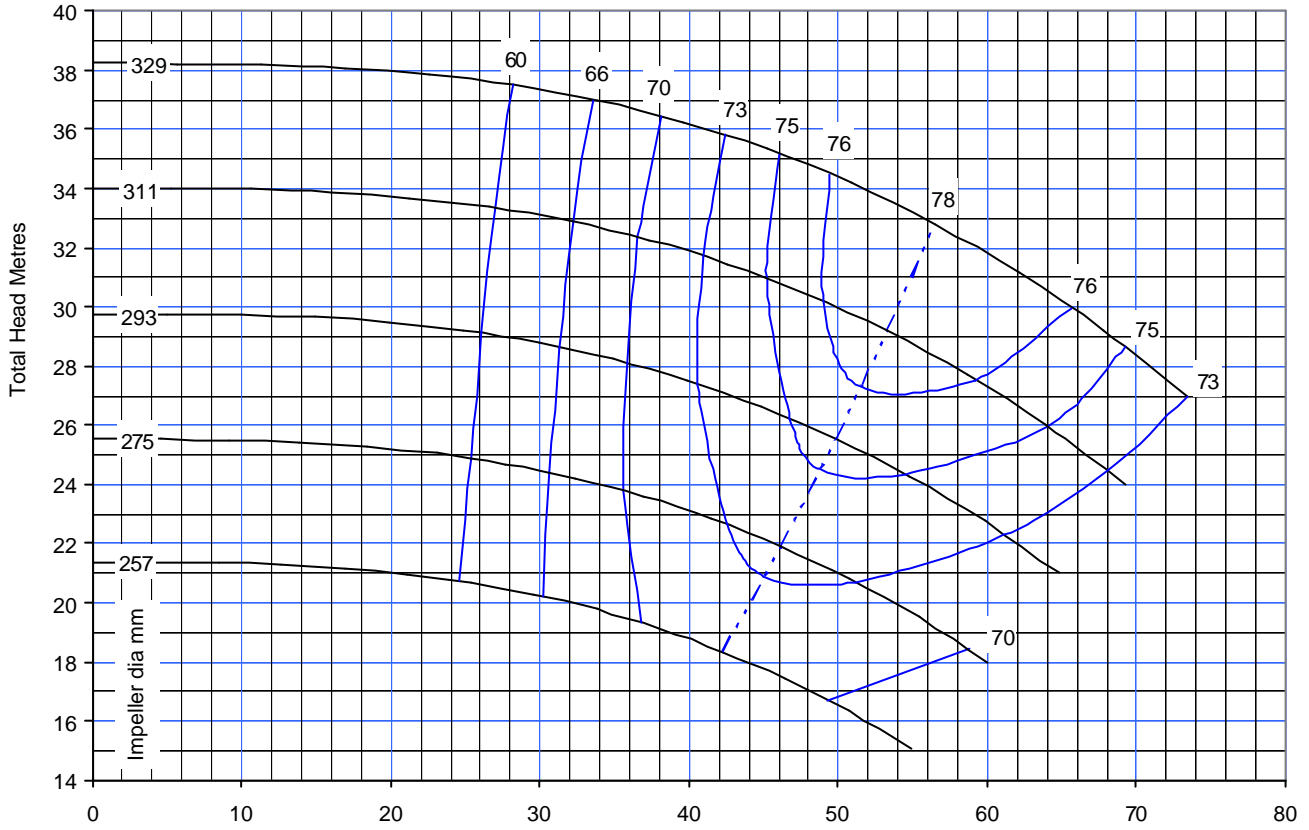
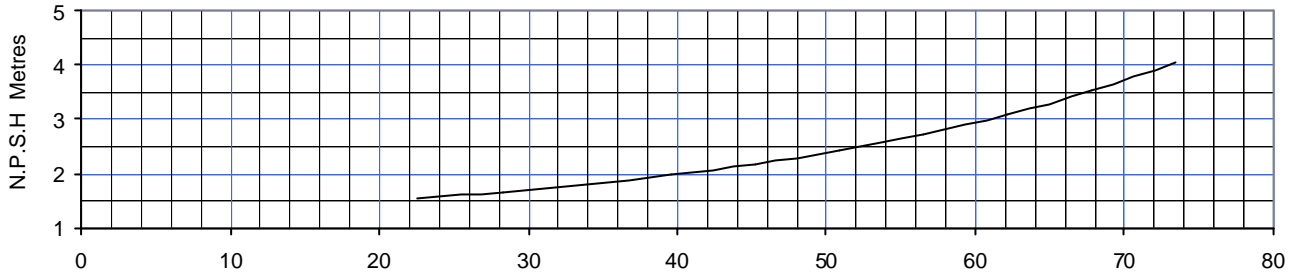
SUCTION DIA 125	DISCHARGE DIA 100	MAX PRESSURE 12 bar	PUMP MODEL TC 100-400	SPEED 1475
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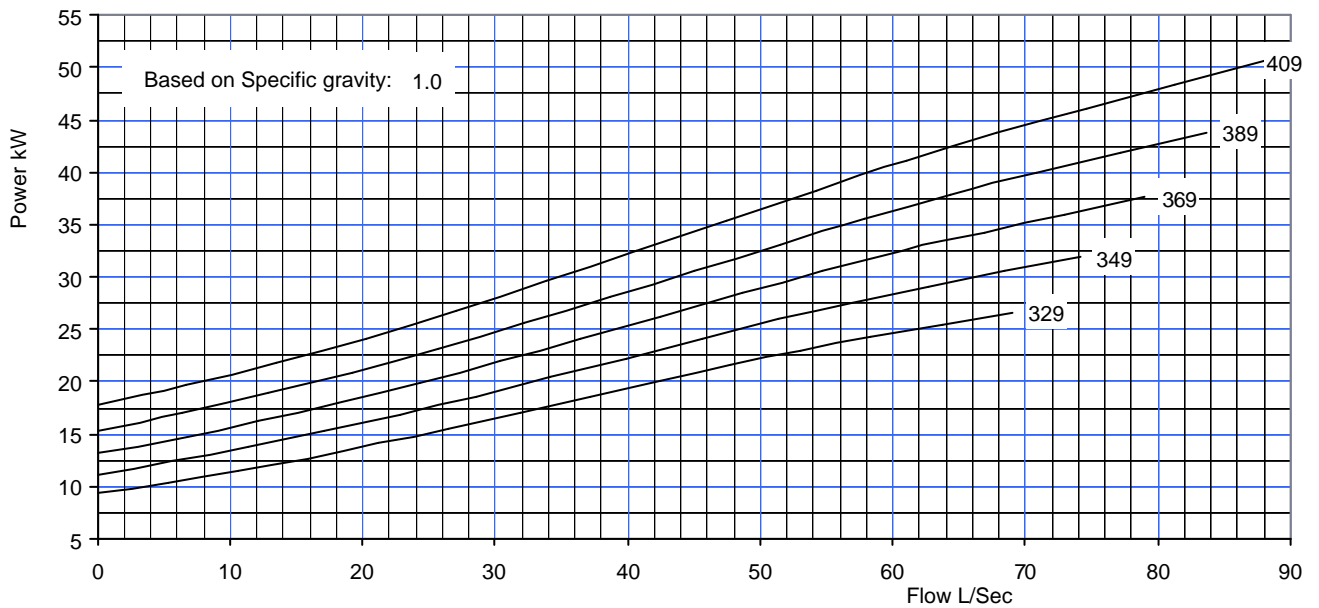
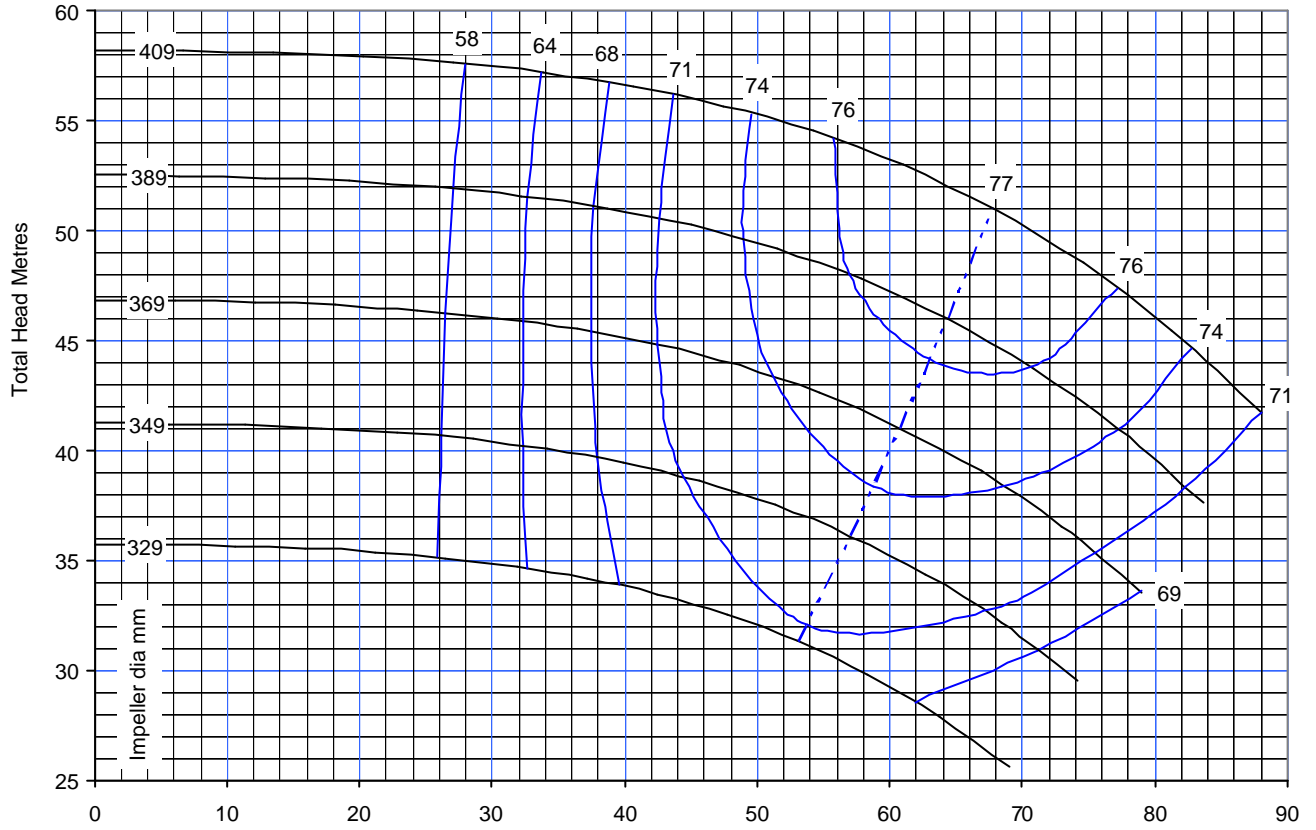
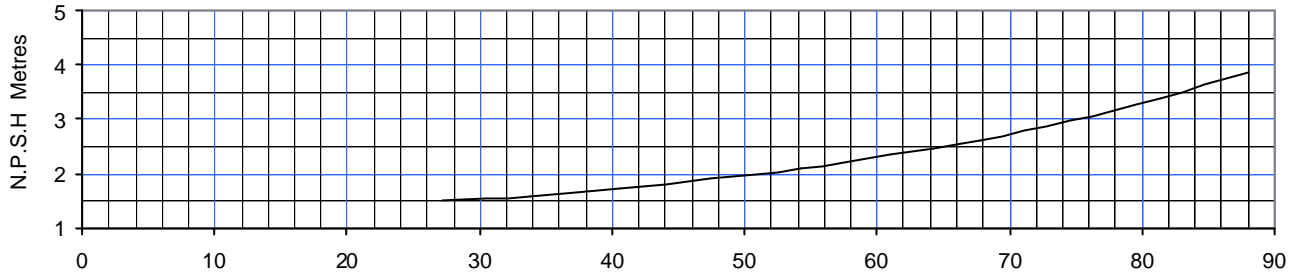
SUCTION DIA 150	DISCHARGE DIA 125	MAX PRESSURE 12 bar	PUMP MODEL TC 125-200	SPEED 1450
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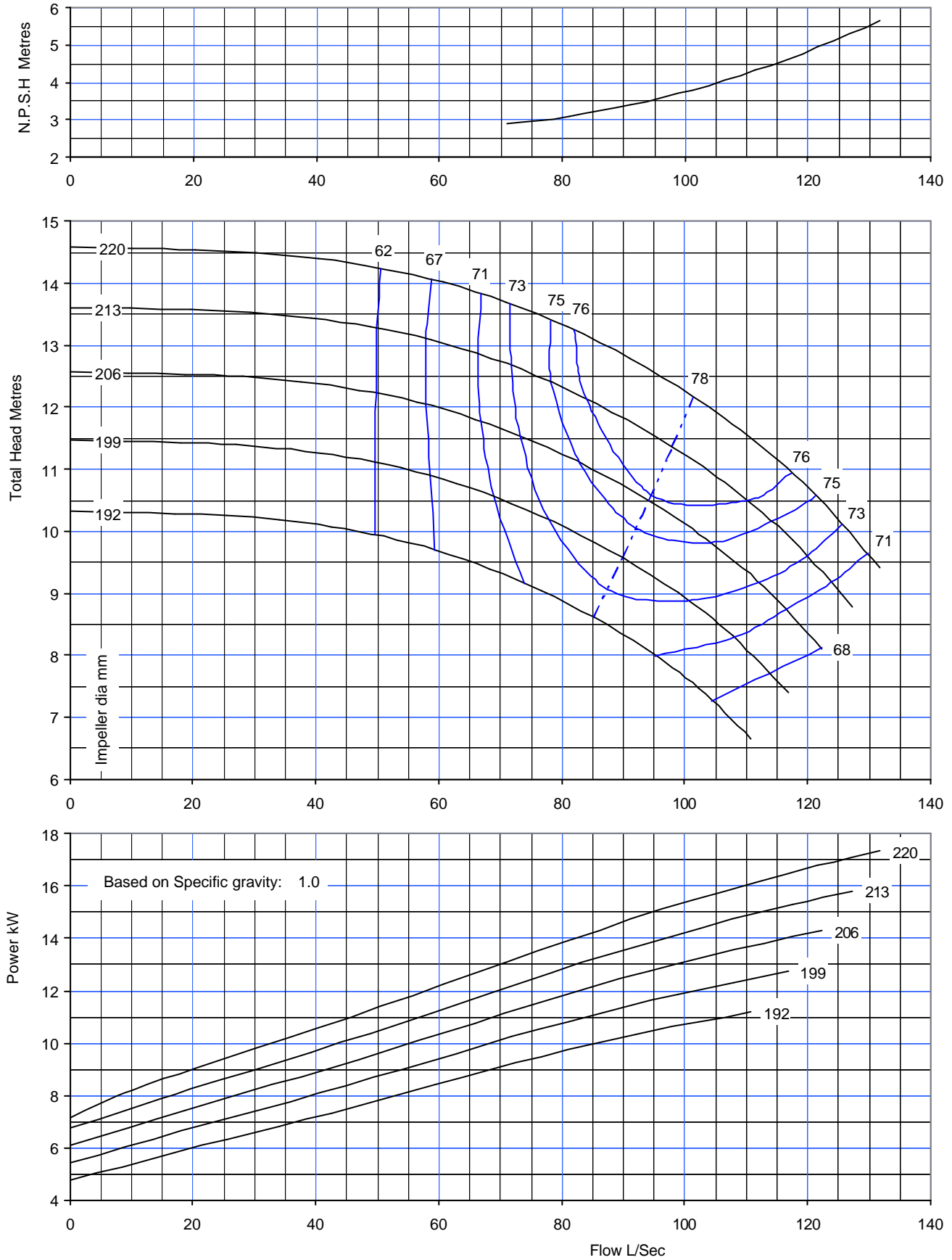
SUCTION DIA 150	DISCHARGE DIA 125	MAX PRESSURE 12 bar	PUMP MODEL TC125-250	SPEED 1470
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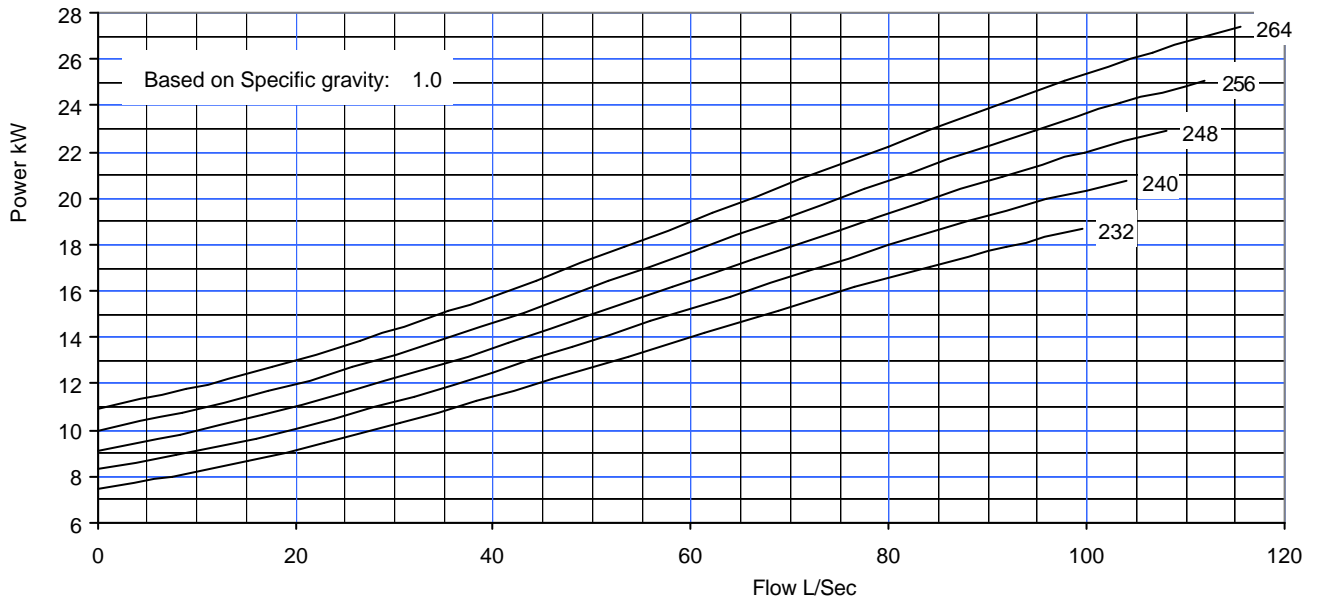
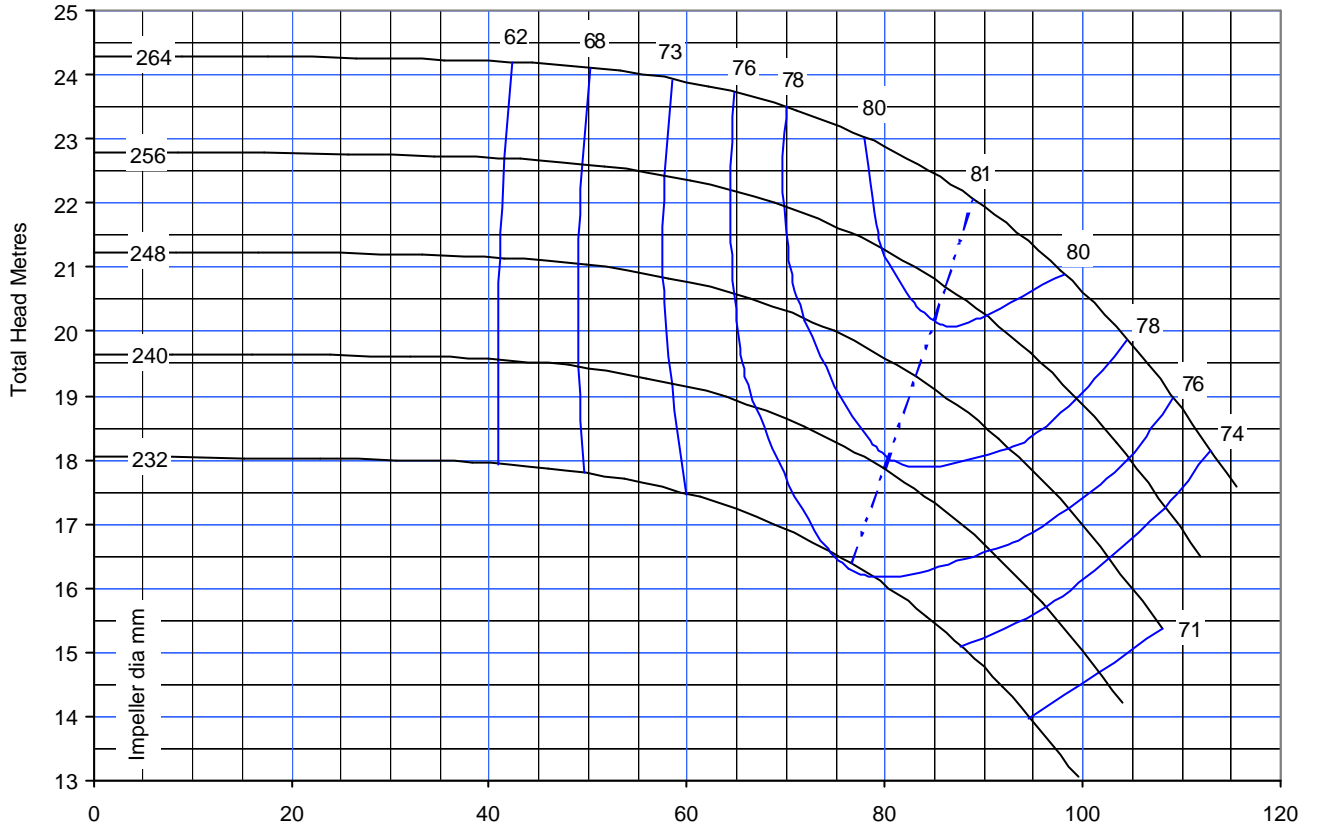
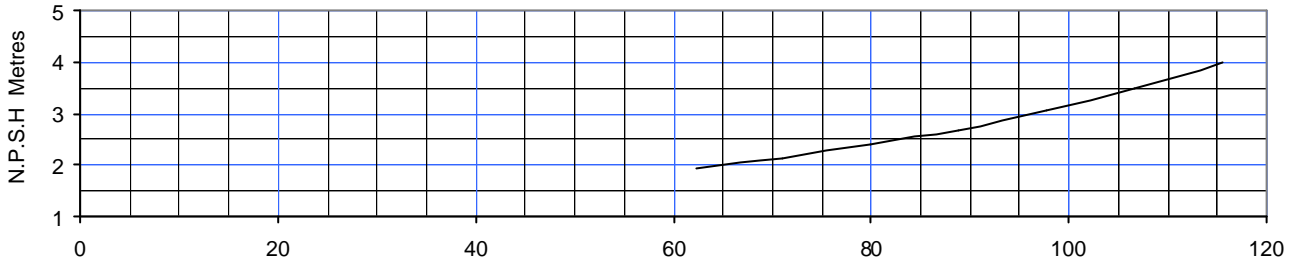
SUCTION DIA 150	DISCHARGE DIA 125	MAX PRESSURE 12 bar	PUMP MODEL TC125-315	SPEED 1475
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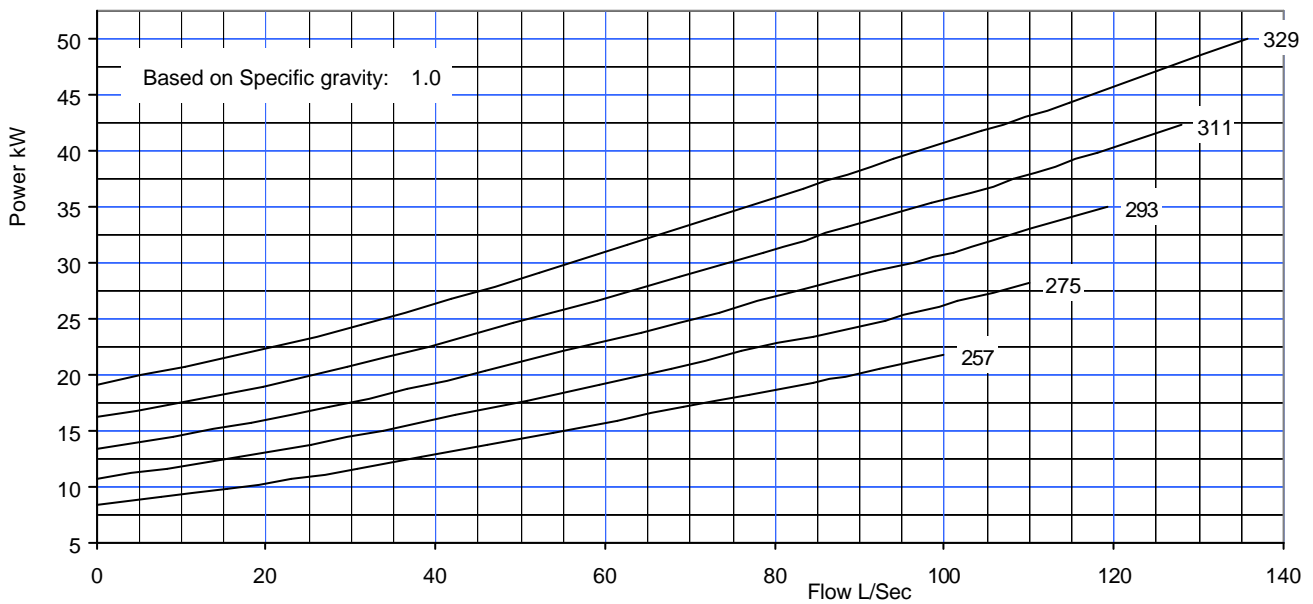
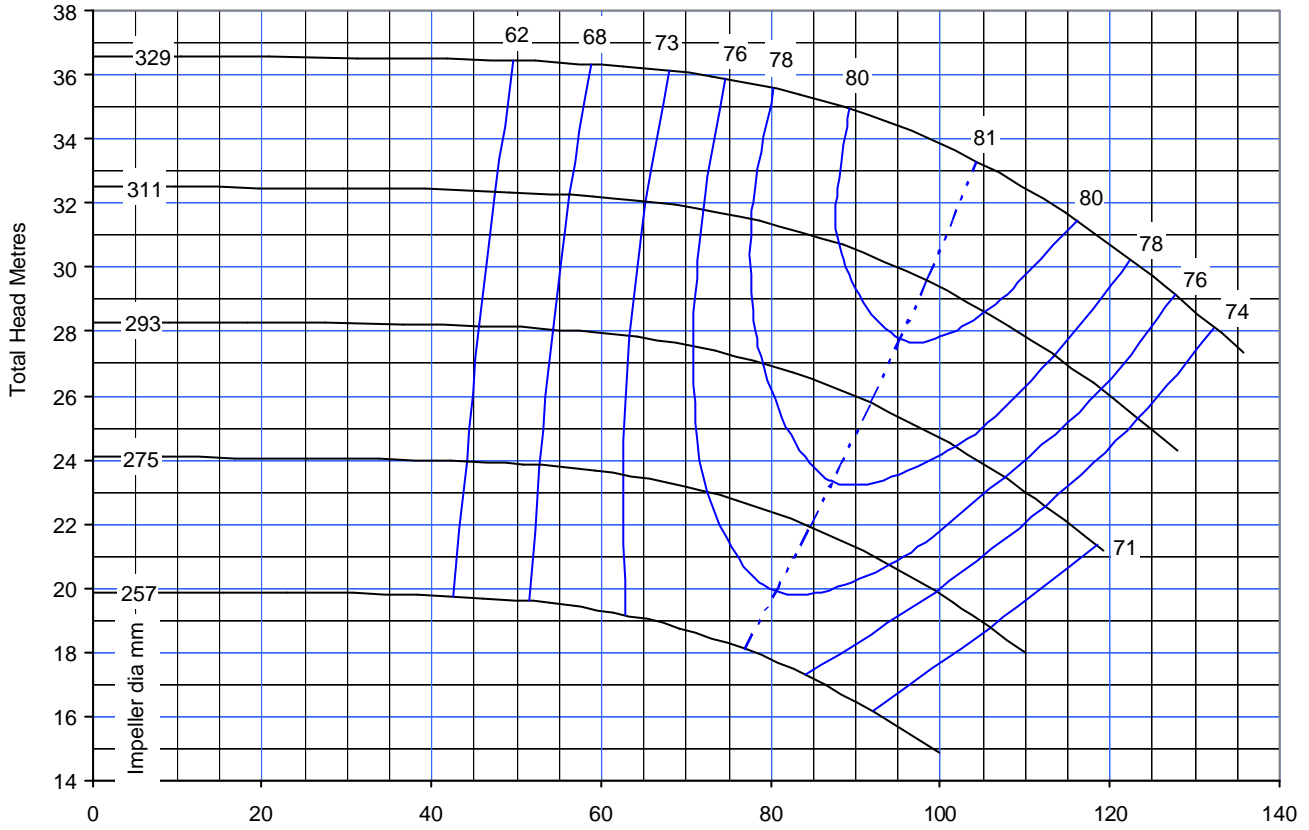
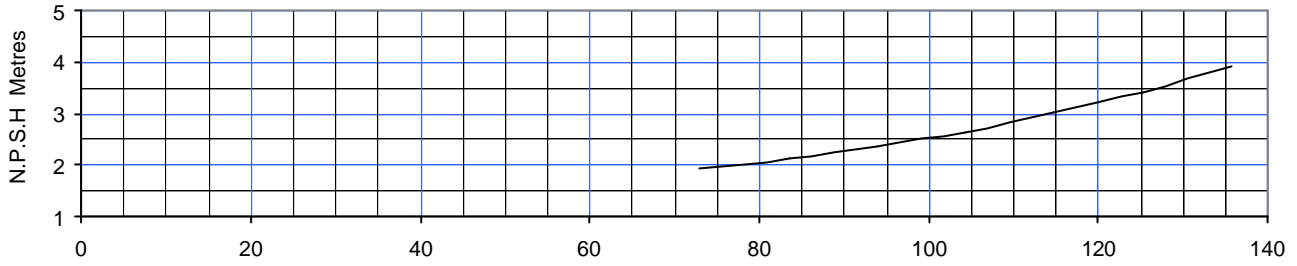
SUCTION DIA 150	DISCHARGE DIA 125	MAX PRESSURE 12 bar	PUMP MODEL TC 125-400	SPEED 1475
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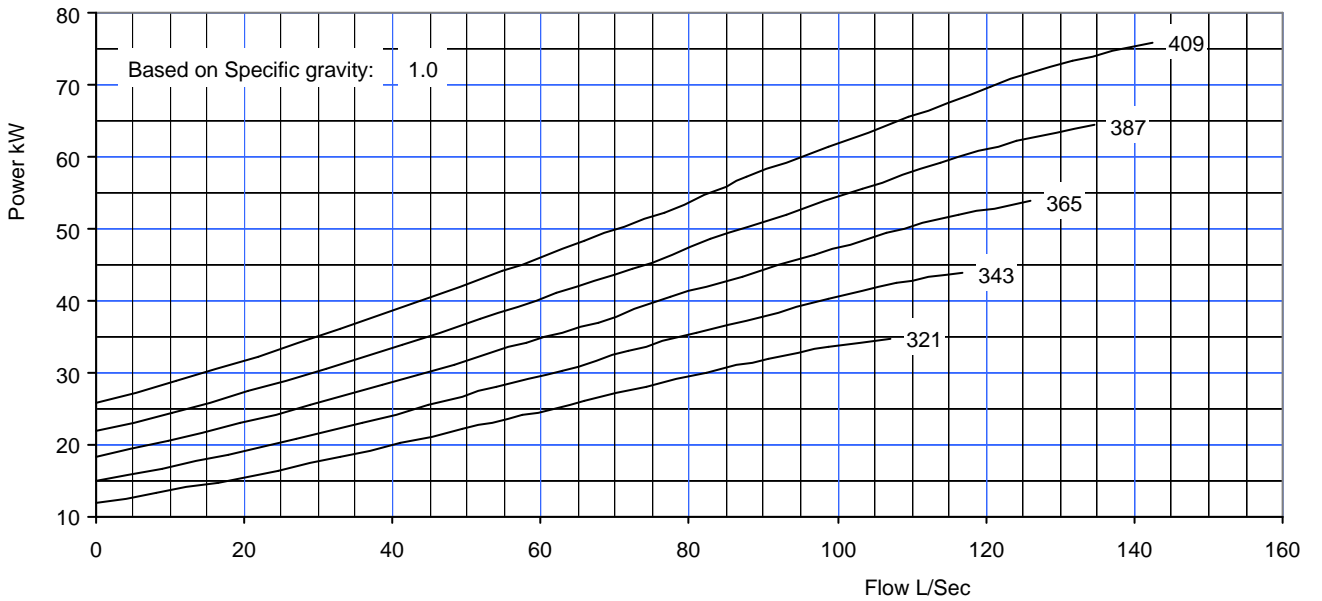
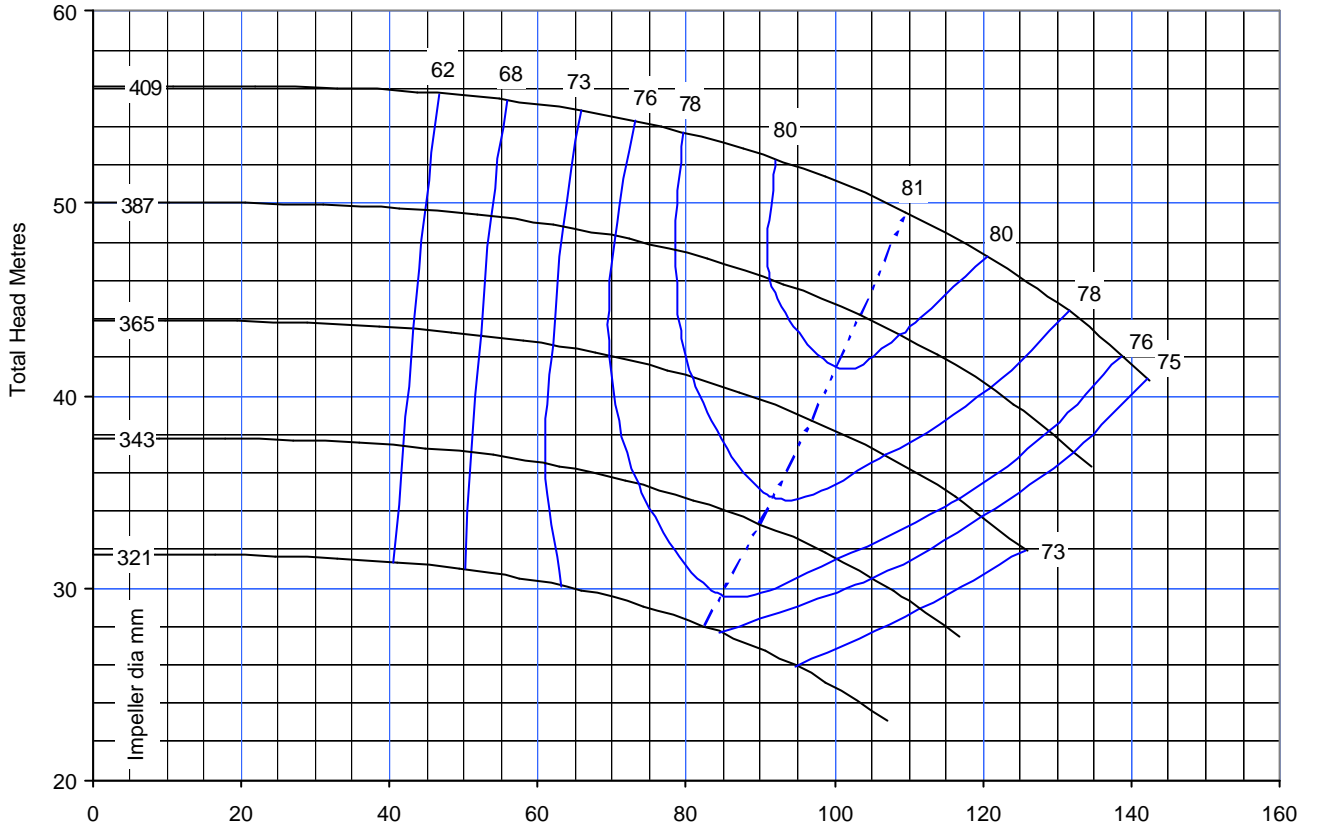
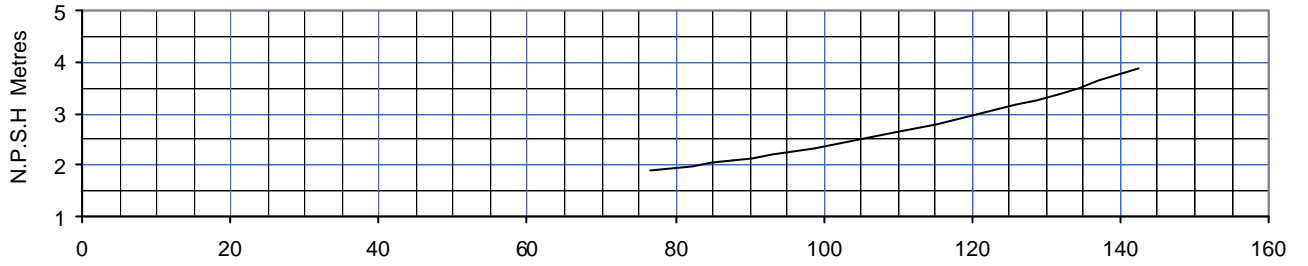
SUCTION DIA 200	DISCHARGE DIA 150	MAX PRESSURE 12 bar	PUMP MODEL TC 150-200	SPEED 1470
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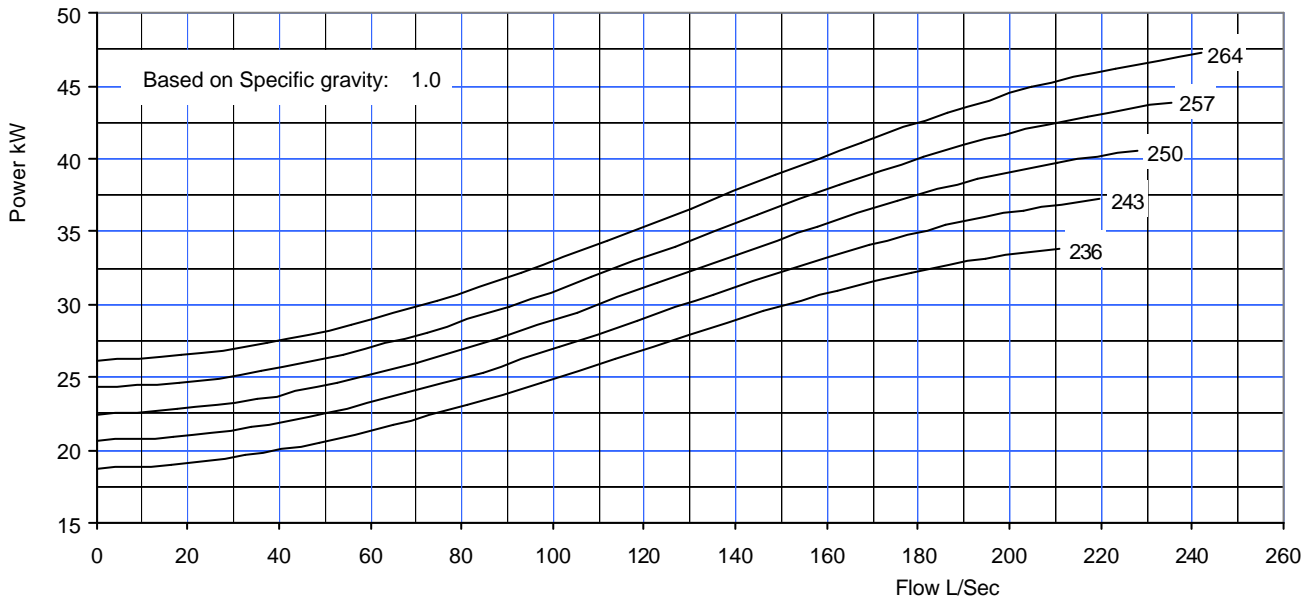
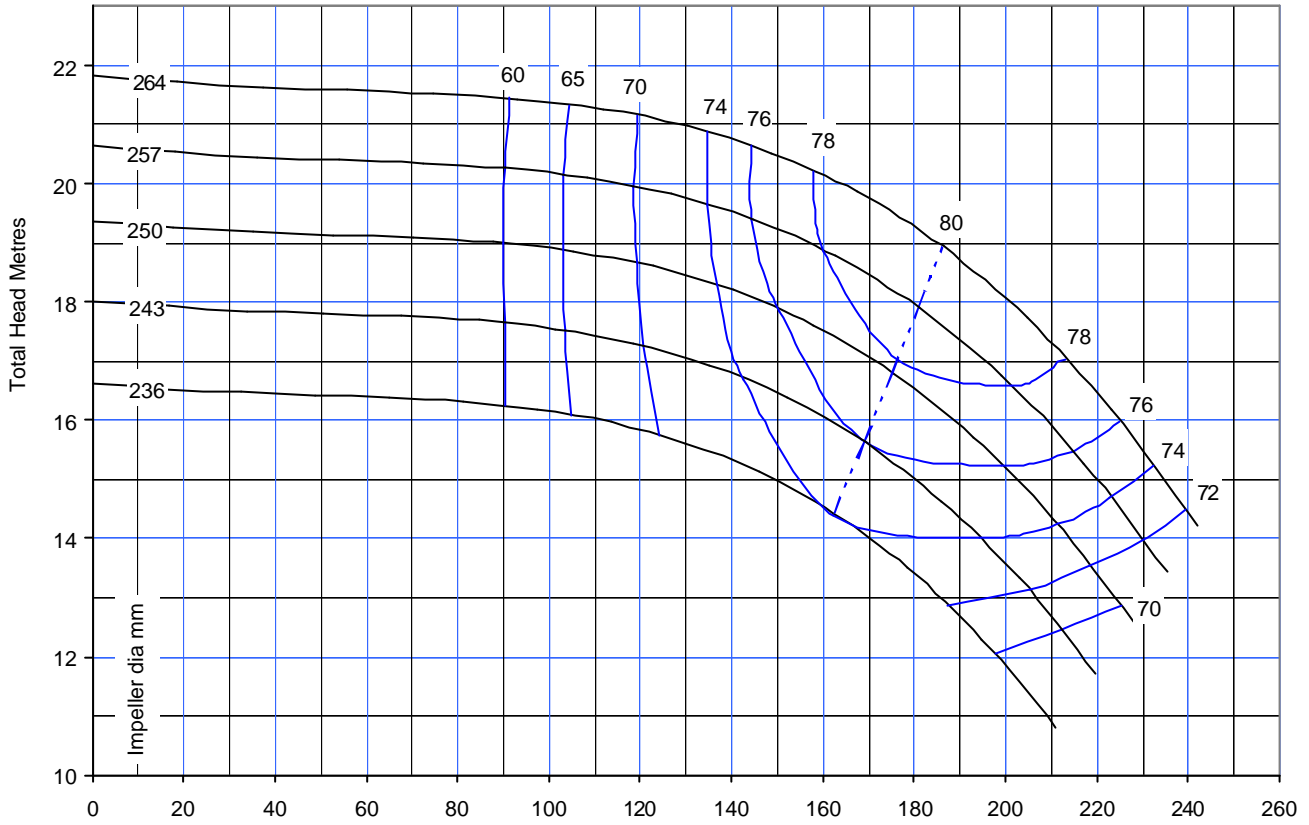
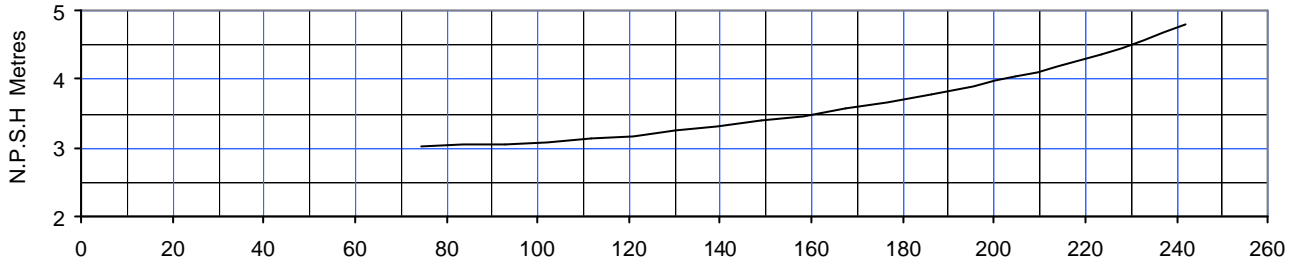
SUCTION DIA 200	DISCHARGE DIA 150	MAX PRESSURE 12 bar	PUMP MODEL TC150-250	SPEED 1475
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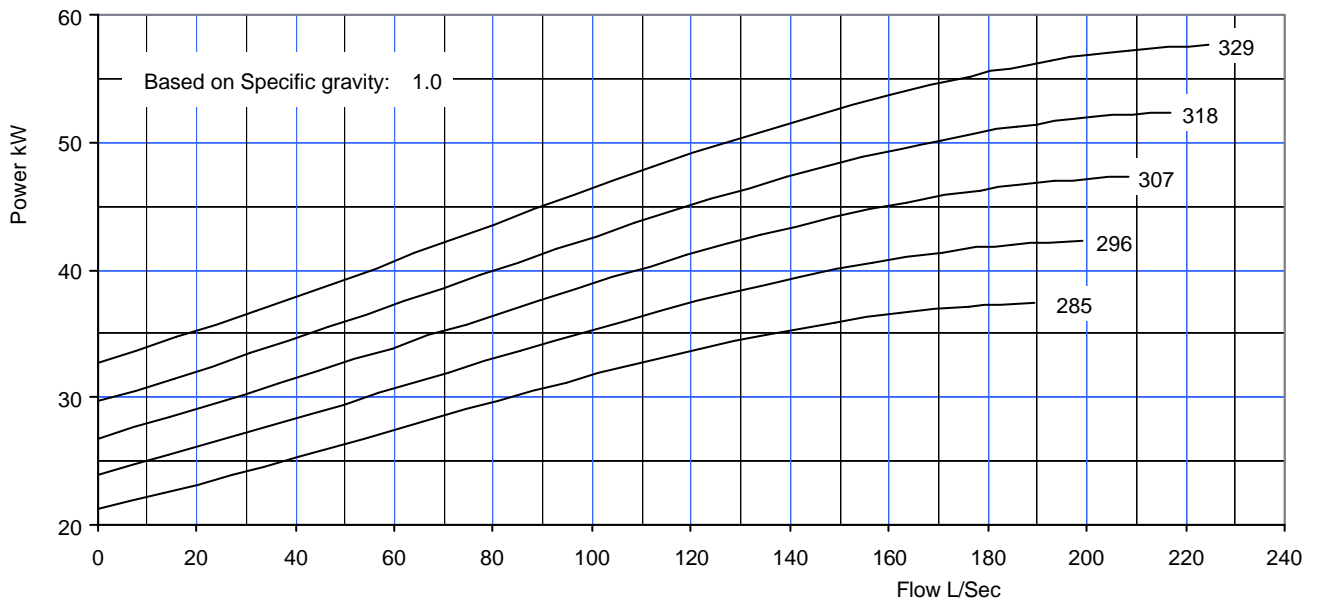
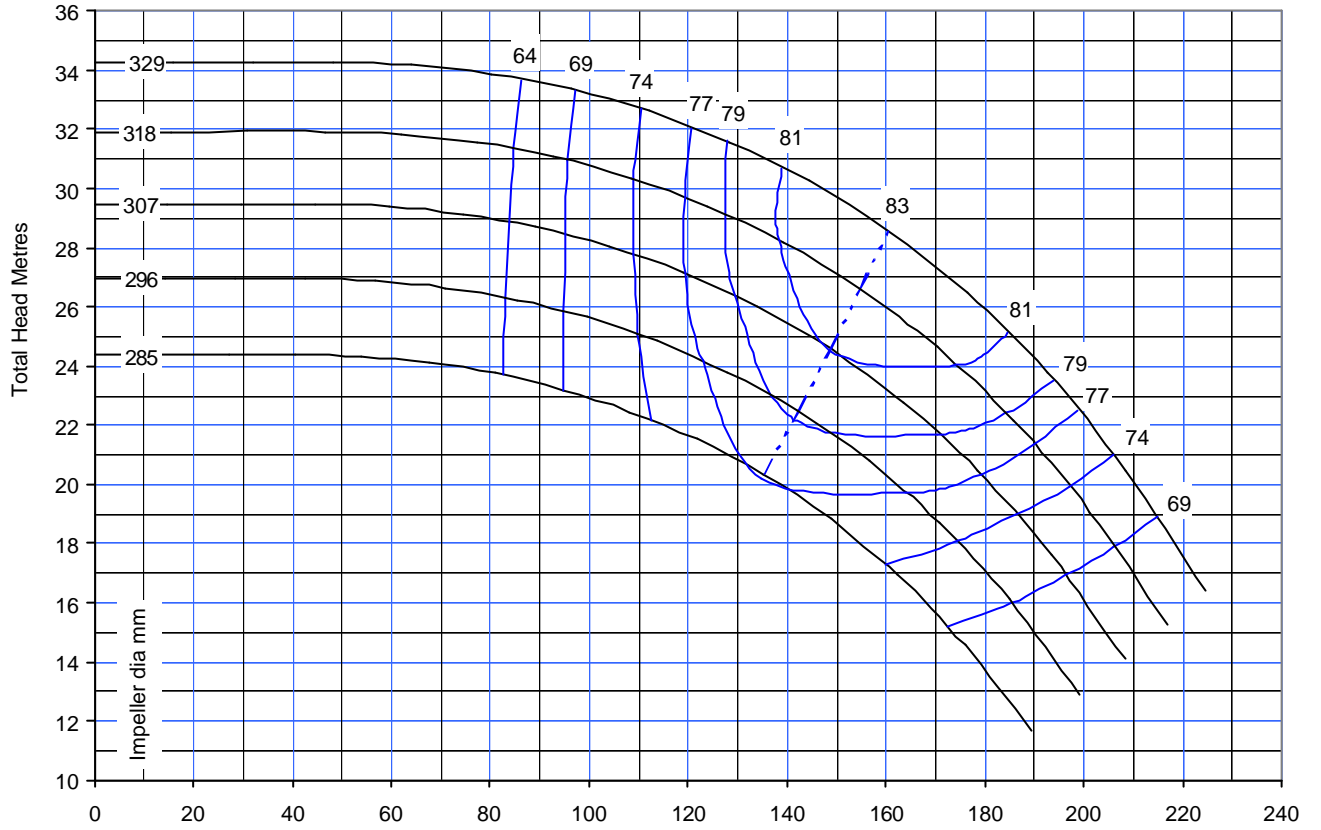
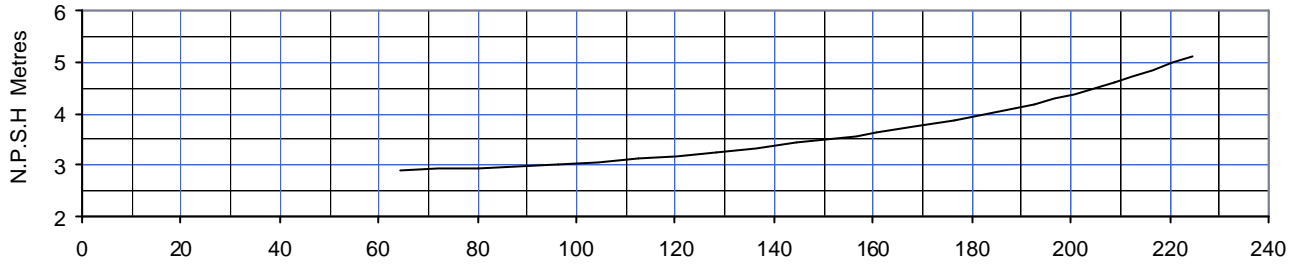
SUCTION DIA 200	DISCHARGE DIA 150	MAX PRESSURE 12 bar	PUMP MODEL TC 150-315	SPEED 1475
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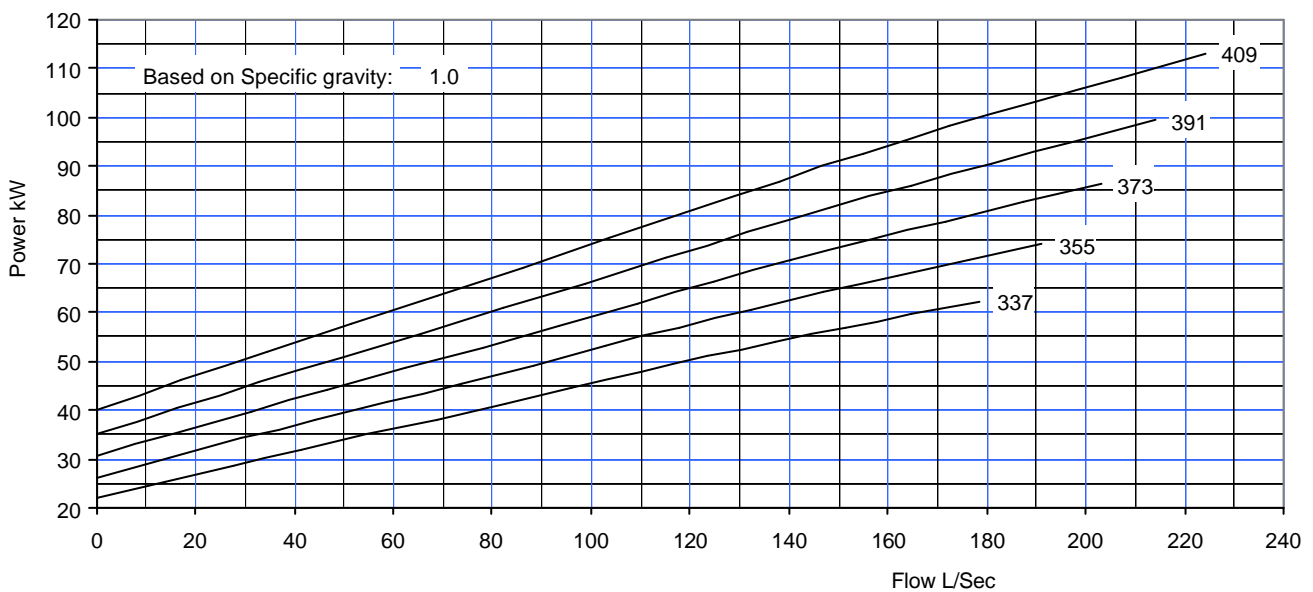
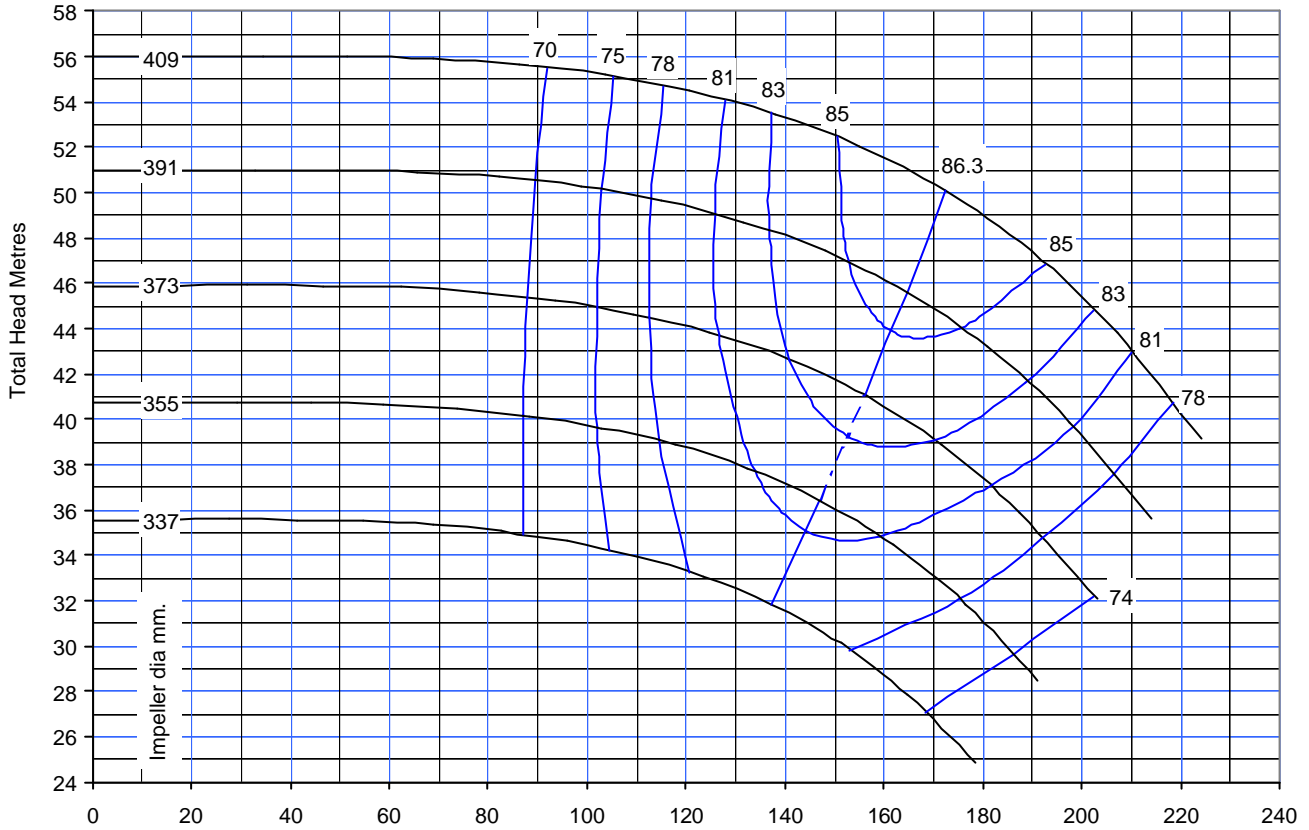
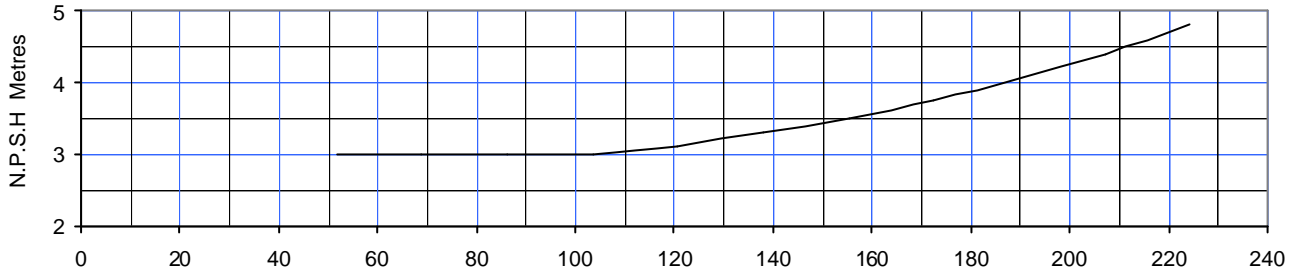
SUCTION DIA 200	DISCHARGE DIA 150	MAX PRESSURE 12 bar	PUMP MODEL TC150-400	SPEED 1475
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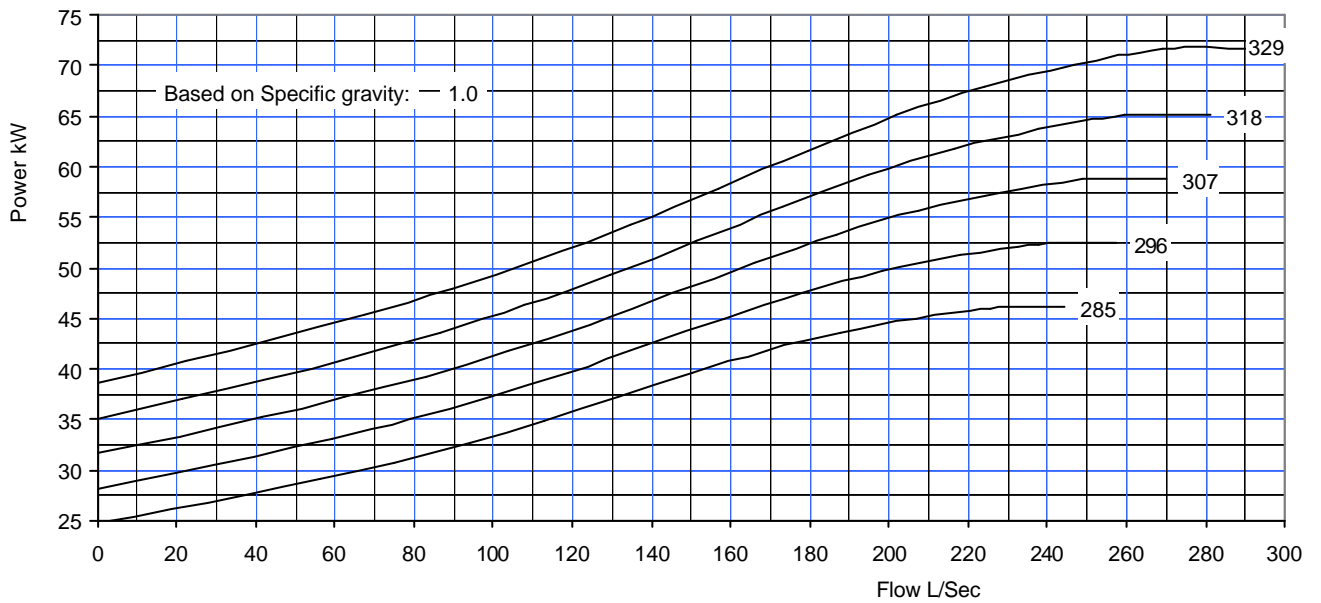
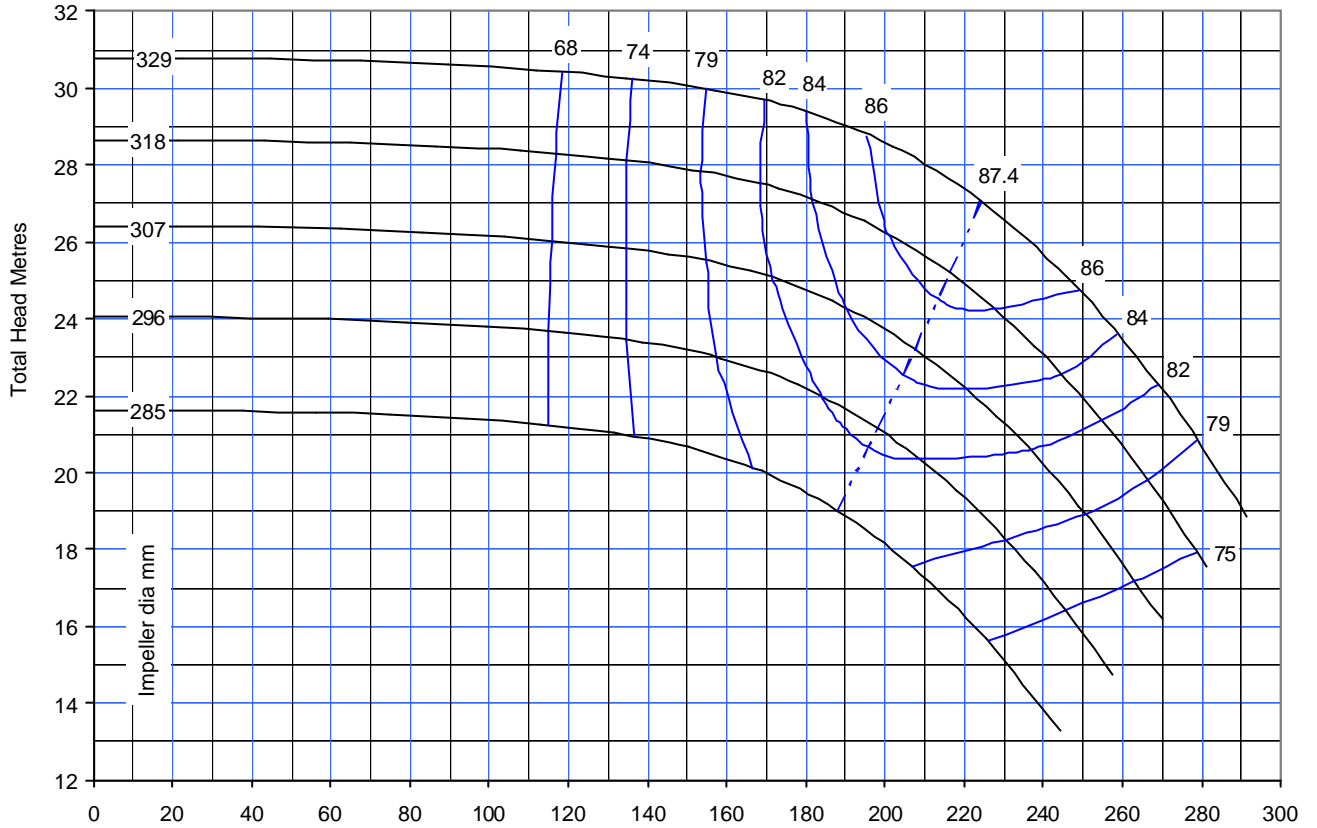
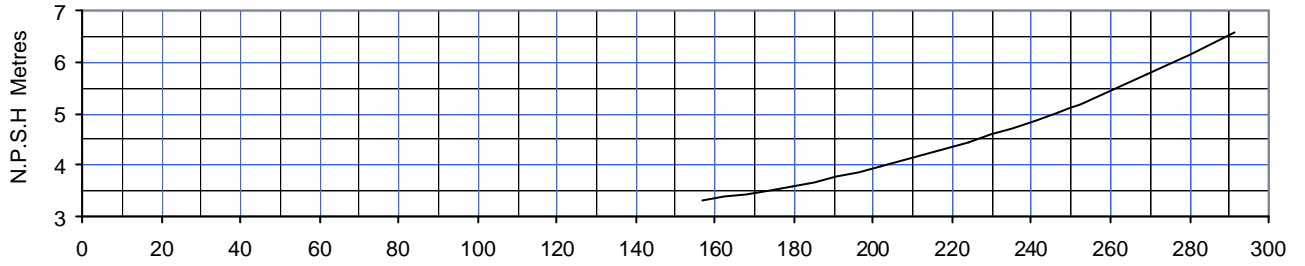
SUCTION DIA 250	DISCHARGE DIA 200	MAX PRESSURE 12 bar	PUMP MODEL TC 200-250	SPEED 1475
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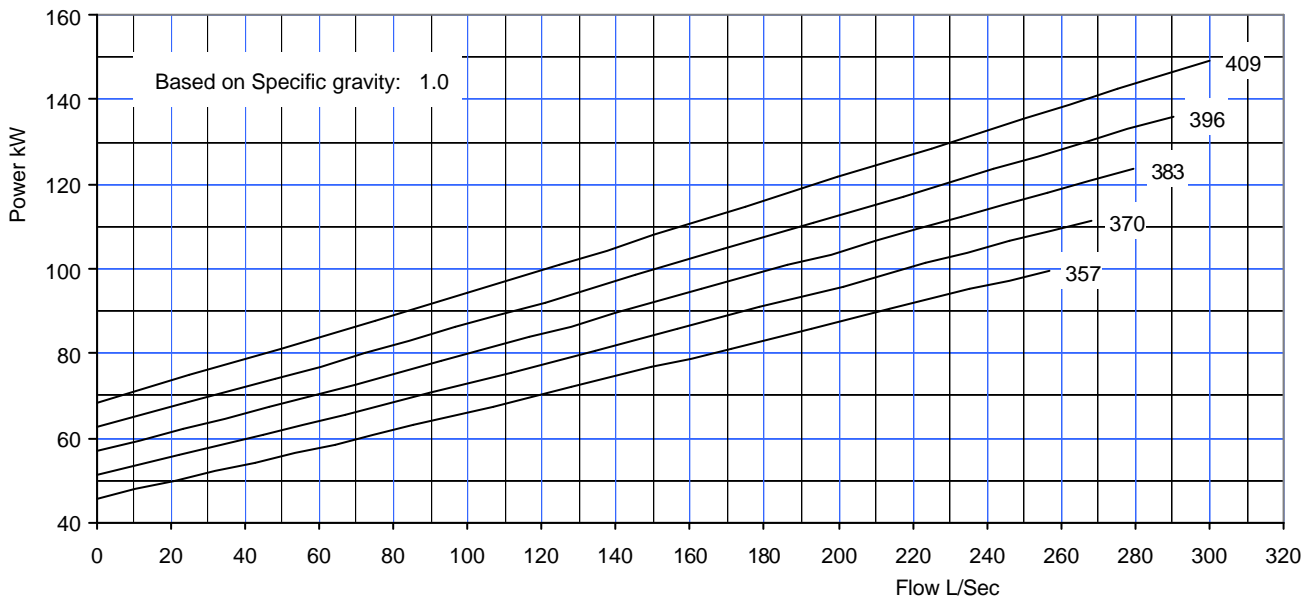
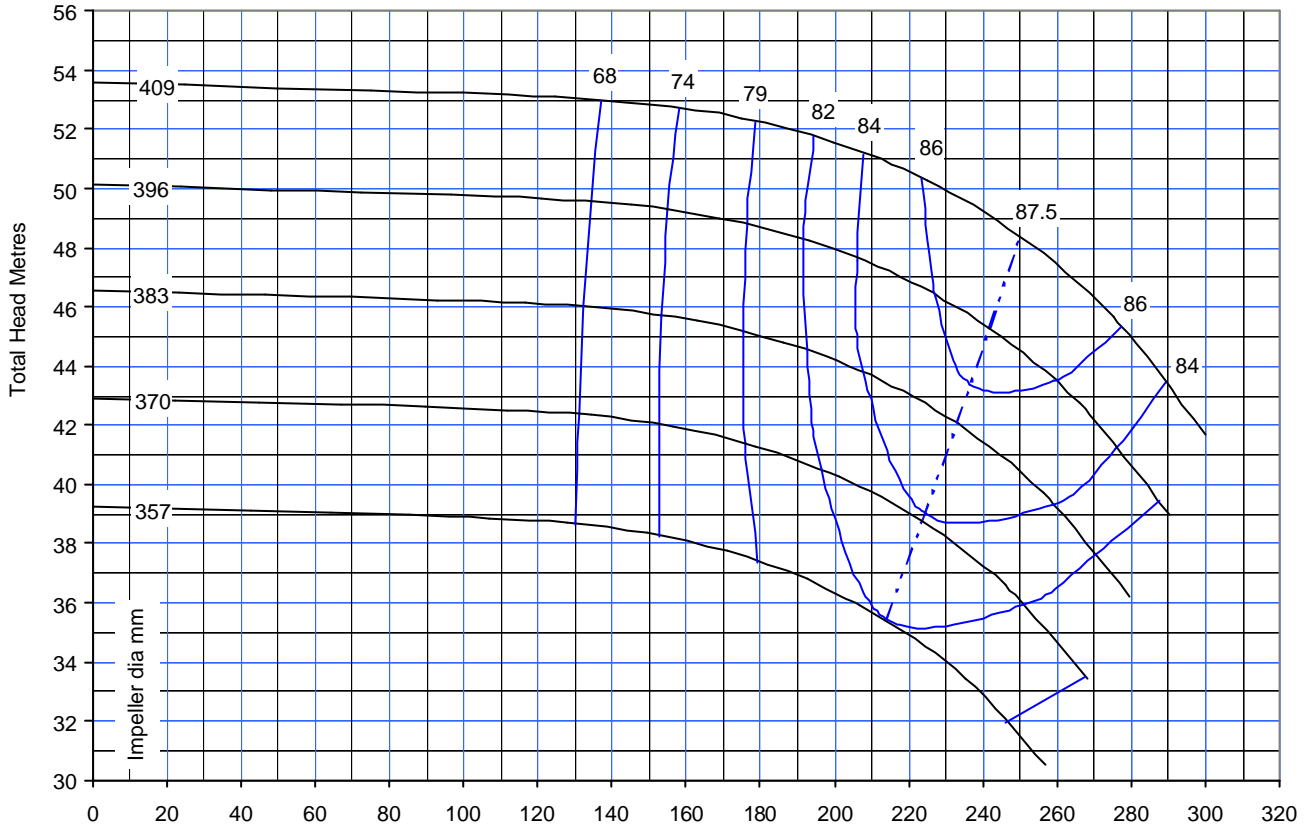
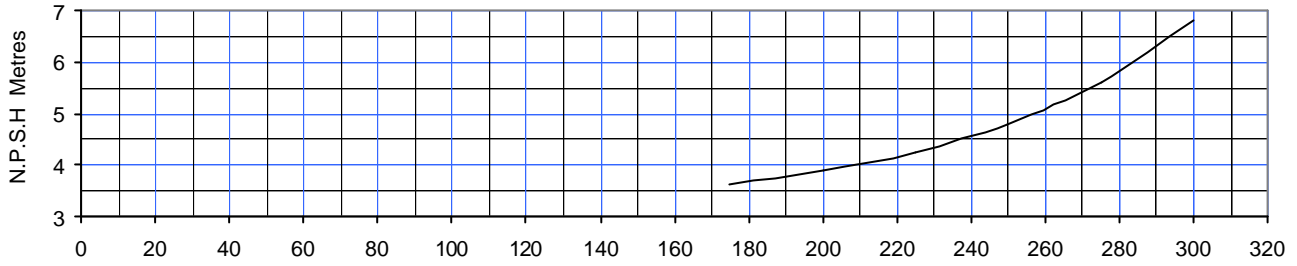
SUCTION DIA 250	DISCHARGE DIA 200	MAX PRESSURE 12 bar	PUMP MODEL TC 200-315	SPEED 1475
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SUCTION DIA 250	DISCHARGE DIA 200	MAX PRESSURE 12 bar	PUMP MODEL TC 200-400	SPEED 1480
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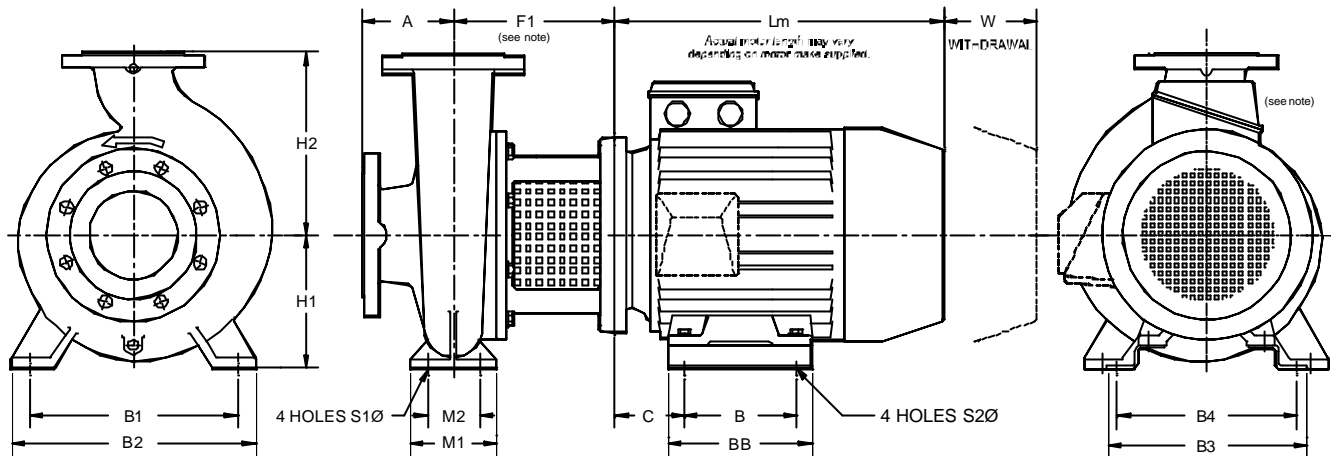
SUCTION DIA 300	DISCHARGE DIA 250	MAX PRESSURE 12 bar	PUMP MODEL TC 250-315	SPEED 1475
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SUCTION DIA 300	DISCHARGE DIA 250	MAX PRESSURE 12 bar	PUMP MODEL TC 250-400	SPEED 1480
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Apex TC pumpsets

Outline dimensions



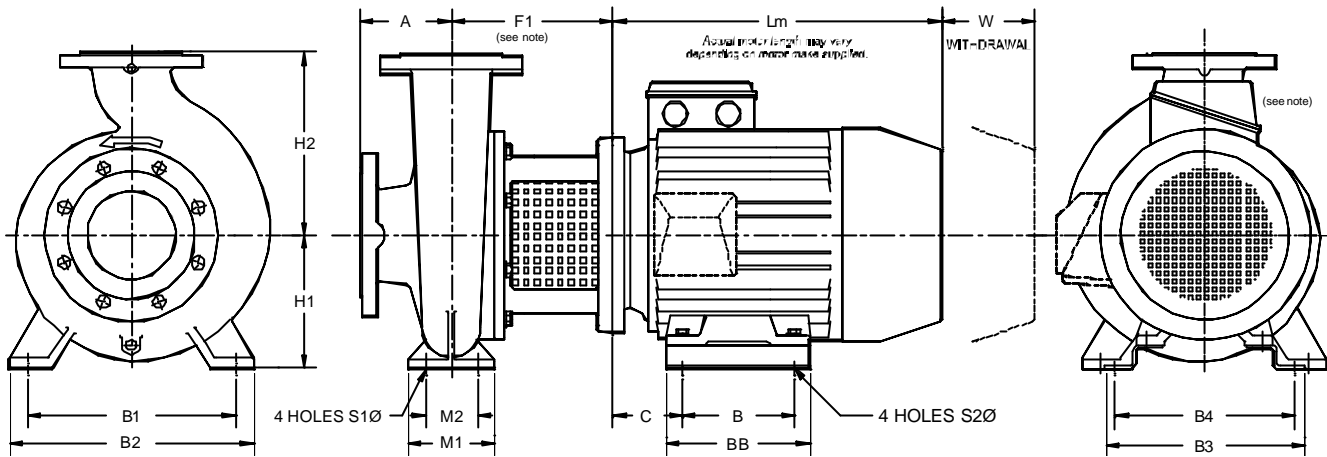
Use dimension F1 for pumps with cast iron body and single mechanical seal. Terminal box may be top or side
 For stainless steel pumps and pumps with double mechanical seal, refer to Apex. mounted depending on motor make.

For indication only. Certified drawings available on request

PUMP MODEL	MOTOR FRAME	FLANGES		PUMP DIMENSIONS										MOTOR DIMENSIONS						KG	
		IN	OUT	A	F1	H1	H2	B1	B2	M1	M2	W	S1	B3	B4	Lm	B	BB	C		S2
32-125 0.75/2	D80	50	32	80	170	112	140	140	190	100	70	100	14	207	189	255	100	125	50	10	36
32-125 1.1/2	D80	50	32	80	170	112	140	140	190	100	70	100	14	207	189	255	100	125	50	10	37
32-125 1.5/2	D90S	50	32	80	170	112	140	140	190	100	70	100	14	222	204	244	100	130	56	10	40
32-125 2.2/2	D90L	50	32	80	170	112	140	140	190	100	70	100	14	222	204	269	125	155	56	10	43
32-160 2.2/2	D90L	50	32	80	169	132	160	190	240	100	70	100	14	222	204	269	125	155	56	10	51
32-160 3.0/2	D100L	50	32	80	169	132	160	190	240	100	70	100	14	267	244	303	140	173	63	12	58
32-160 4.0/2	D112M	50	32	80	169	132	160	190	240	100	70	100	14	297	274	320	140	176	63	12	64
32-200 4.0/2	D112M	50	32	80	169	160	180	190	240	100	70	100	14	297	274	320	140	176	63	12	72
32-200 5.5/2	D132S	50	32	80	169	160	180	190	240	100	70	100	14	323	300	405	140	218	89	12	93
32-200 7.5/2	D132S	50	32	80	169	160	180	190	240	100	70	100	14	323	300	405	140	218	89	12	99
32-250 11/2	D160M	50	32	100	212	180	225	250	320	125	95	120	14	384	354	517	140	218	89	14	136
32-250 15/2	D160M	50	32	100	212	180	225	250	320	125	95	120	14	384	354	517	140	218	89	14	152
32-250 18.5/2	D160L	50	32	100	212	180	225	250	320	125	95	120	14	384	354	517	254	304	108	14	168
40-125 1.5/2	D90S	65	40	80	170	112	140	160	210	100	70	100	14	222	204	244	100	130	56	10	45
40-125 2.2/2	D90L	65	40	80	170	112	140	160	210	100	70	100	14	222	204	269	125	155	56	10	48
40-125 3.0/2	D100L	65	40	80	150	112	140	160	210	100	70	100	14	267	244	303	140	173	63	12	55
40-125 4.0/2	D112M	65	40	80	150	112	140	160	210	100	70	100	14	225	190	320	140	176	63	12	61
40-160 3.0/2	D100L	65	40	80	169	132	160	190	240	100	70	100	14	267	244	303	140	173	63	12	61
40-160 4.0/2	D112M	65	40	80	169	132	160	190	240	100	70	100	14	297	274	320	140	176	63	12	67
40-160 5.5/2	D132S	65	40	80	169	132	160	190	240	100	70	100	14	256	216	405	140	218	89	12	88
40-160 7.5/2	D132S	65	40	80	169	132	160	190	240	100	70	100	14	256	216	405	140	218	89	12	94
40-200 5.5/2	D132S	65	40	100	165	160	180	212	265	100	70	100	14	323	300	405	140	218	89	12	96
40-200 7.5/2	D132S	65	40	100	165	160	180	212	265	100	70	100	14	323	300	405	140	218	89	12	102
40-200 11/2	D160M	65	40	100	205	160	180	212	265	100	70	100	14	320	254	517	210	260	108	14	121
40-250 11/2	D160M	65	40	100	212	180	225	250	320	125	95	120	14	384	354	517	140	218	89	14	138
40-250 15/2	D160M	65	40	100	212	180	225	250	320	125	95	120	14	384	354	517	140	218	89	14	154
40-250 18.5/2	D160L	65	40	100	212	180	225	250	320	125	95	120	14	384	354	517	254	304	108	14	170
40-250 22/2	D180M	65	40	100	212	180	225	250	320	125	95	120	14	352	279	578	241	300	121	14	192
40-315 18.5/2	D160L	65	40	125	250	200	250	280	345	125	95	140	14	384	354	517	254	304	108	14	201
40-315 22/2	D180M	65	40	125	250	200	250	280	345	125	95	140	14	437	397	578	241	300	121	14	223
40-315 30/2	D200L	65	40	125	250	200	250	280	345	125	95	140	14	385	318	712	305	370	133	18	339
40-315 37/2	D200L	65	40	125	250	200	250	280	345	125	95	140	14	385	318	712	305	370	133	18	354
50-125 3.0/2	D100L	65	50	100	150	132	160	190	240	100	70	100	14	267	244	303	140	173	63	12	57
50-125 4.0/2	D112M	65	50	100	150	132	160	190	240	100	70	100	14	297	274	320	140	176	63	12	63
50-125 5.5/2	D132S	65	50	100	170	132	160	190	240	100	70	100	14	256	216	405	140	218	89	12	84
50-125 7.5/2	D132S	65	50	100	170	132	160	190	240	100	70	100	14	256	216	405	140	218	89	12	90

Apex TC pumpsets

Outline dimensions



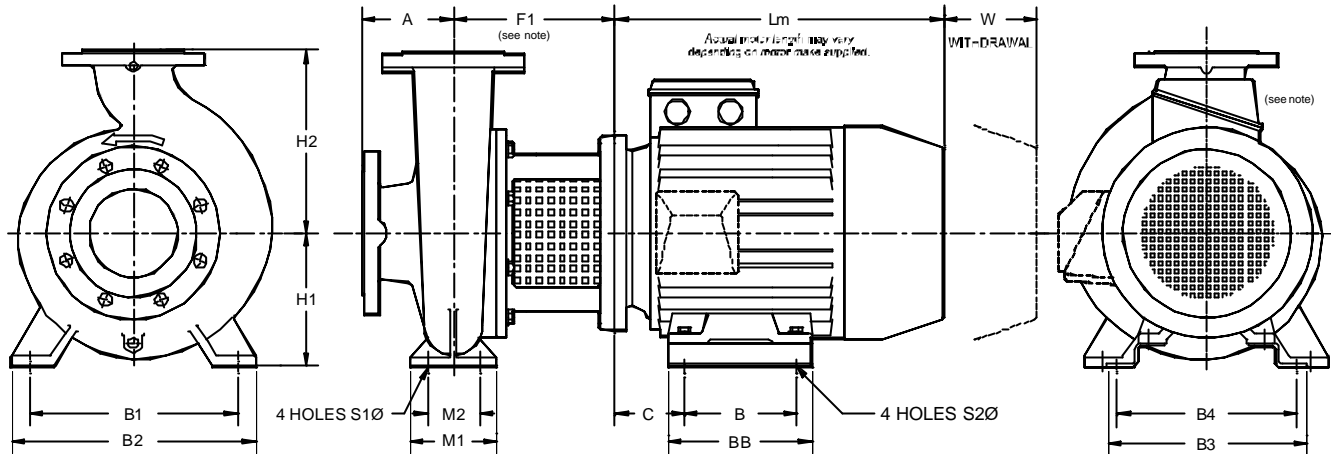
Use dimension F1 for pumps with cast iron body and single mechanical seal. Terminal box may be top or side
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PUMP MODEL	MOTOR FRAME	FLANGES		PUMP DIMENSIONS										MOTOR DIMENSIONS						KG	
		IN	OUT	A	F1	H1	H2	B1	B2	M1	M2	W	S1	B3	B4	Lm	B	BB	C		S2
50-160 5.5/2	D132S	65	50	100	169	160	180	212	265	100	70	100	14	323	300	405	140	218	89	12	88
50-160 7.5/2	D132S	65	50	100	169	160	180	212	265	100	70	100	14	323	300	405	140	218	89	12	94
50-160 11.0/2	D160M	65	50	100	209	160	180	212	265	100	70	100	14	320	254	517	210	260	108	14	113
50-200 7.5/2	D132S	65	50	100	171	160	200	212	265	100	70	100	14	323	300	405	140	218	89	12	102
50-200 11.0/2	D160M	65	50	100	211	160	200	212	265	100	70	100	14	320	254	517	210	260	108	14	121
50-200 15.0/2	D160M	65	50	100	211	160	200	212	265	100	70	100	14	320	254	517	210	260	108	14	137
50-200 18.5/2	D160L	65	50	100	211	160	200	212	265	100	70	100	14	312	254	510	254	298	108	14	153
50-250 15/2	D160M	65	50	100	212	180	225	250	320	125	95	120	14	384	354	517	140	218	89	14	154
50-250 18.5/2	D160L	65	50	100	212	180	225	250	320	125	95	120	14	384	354	517	254	304	108	14	170
50-250 22/2	D180M	65	50	100	212	180	225	250	320	125	95	120	14	352	279	578	241	300	121	14	192
50/250 30/2	D200L	65	50	100	212	180	225	250	320	125	95	120	14	528	478	712	305	370	133	18	308
50-315 30/2	D200L	65	50	125	250	225	280	280	345	125	95	140	14	528	478	712	305	370	133	18	341
50-315 37/2	D200L	65	50	125	250	225	280	280	345	125	95	140	14	528	478	712	305	370	133	18	356
50-315 45/2	D225M	65	50	125	250	225	280	280	345	125	95	140	14	436	356	762	286	391	149	18	481
50-315 55/2	D250S	65	50	125	250	225	280	280	345	125	95	140	14	506	406	863	311	449	168	24	546
50-315 75/2	D250M	65	50	125	250	225	280	280	345	125	95	140	14	506	406	863	311	449	168	24	566
65-125 5.5/2	D132S	80	65	100	170	160	180	212	280	125	95	100	14	323	300	405	140	218	89	12	89
65-125 7.5/2	D132S	80	65	100	170	160	180	212	280	125	95	100	14	323	300	405	140	218	89	12	95
65-125 11/2	D160M	80	65	100	210	160	180	212	280	125	95	100	14	320	254	517	210	260	108	14	114
65-160 7.5/2	D132S	80	65	100	169	160	200	212	280	125	95	100	14	323	300	405	140	218	89	12	101
65-160 11/2	D160M	80	65	100	209	160	200	212	280	125	95	100	14	320	254	517	210	260	108	14	120
65-160 15/2	D160M	80	65	100	209	160	200	212	280	125	95	100	14	320	254	517	210	260	108	14	136
65-160 18.5/2	D160L	80	65	100	209	160	200	212	280	125	95	100	14	320	254	517	254	304	108	14	152
65-200 15/2	D160M	80	65	100	209	180	225	250	320	125	95	100	14	384	354	517	140	218	89	14	145
65-200 18.5/2	D160L	80	65	100	209	180	225	250	320	125	95	100	14	384	354	517	254	304	108	14	161
65-200 22/2	D180M	80	65	100	209	180	225	250	320	125	95	100	14	352	279	578	241	300	121	14	183
65-200 30/2	D200L	80	65	100	209	180	225	250	320	125	95	100	14	528	478	712	305	370	133	18	299
65-250 22/2	D180M	80	65	100	210	200	250	280	360	160	120	100	18	437	397	578	241	300	121	14	215
65-250 30/2	D200L	80	65	100	250	200	250	280	360	160	120	100	18	385	318	712	305	370	133	18	331
65-250 37/2	D200L	80	65	100	250	200	250	280	360	160	120	100	18	385	318	712	305	370	133	18	346
65-250 45/2	D225M	80	65	100	250	200	250	280	360	160	120	100	18	436	356	762	286	391	149	18	471
65-250 55/2	D250S	80	65	100	250	200	250	280	360	160	120	100	18	506	406	863	311	449	168	24	536
65-315 55/2	D250S	80	65	125	250	225	280	315	400	160	120	100	18	506	406	863	311	449	168	24	554
65-315 75/2	D250M	80	65	125	250	225	280	315	400	160	120	100	18	506	406	863	311	449	168	24	556
65-315 90/2	D280S	80	65	125	250	225	280	315	400	160	120	100	18	557	457	971	368	510	190	24	791
80-160 15/2	D160M	100	80	125	207	180	225	250	320	125	95	100	14	384	354	517	140	218	89	14	145
80-160 18.5/2	D160L	100	80	125	207	180	225	250	320	125	95	100	14	384	354	517	254	304	108	14	161
80-160 22/2	D180M	100	80	125	207	180	225	250	320	125	95	100	14	352	279	578	241	300	121	14	183
80-160 30/2	D200L	100	80	125	207	180	225	250	320	125	95	100	14	528	478	712	305	370	133	18	299
80-200 22/2	D180M	100	80	125	226	200	250	280	345	125	95	120	14	437	397	578	241	300	121	14	200
80-200 30/2	D200L	100	80	125	250	200	250	280	345	125	95	120	14	385	318	712	305	370	133	18	316
80-200 37/2	D200L	100	80	125	250	200	250	280	345	125	95	120	14	385	318	712	305	370	133	18	331
80-200 45/2	D225M	100	80	125	250	200	250	280	345	125	95	120	14	436	356	762	286	391	149	18	456

Apex TC pumpsets

Outline dimensions



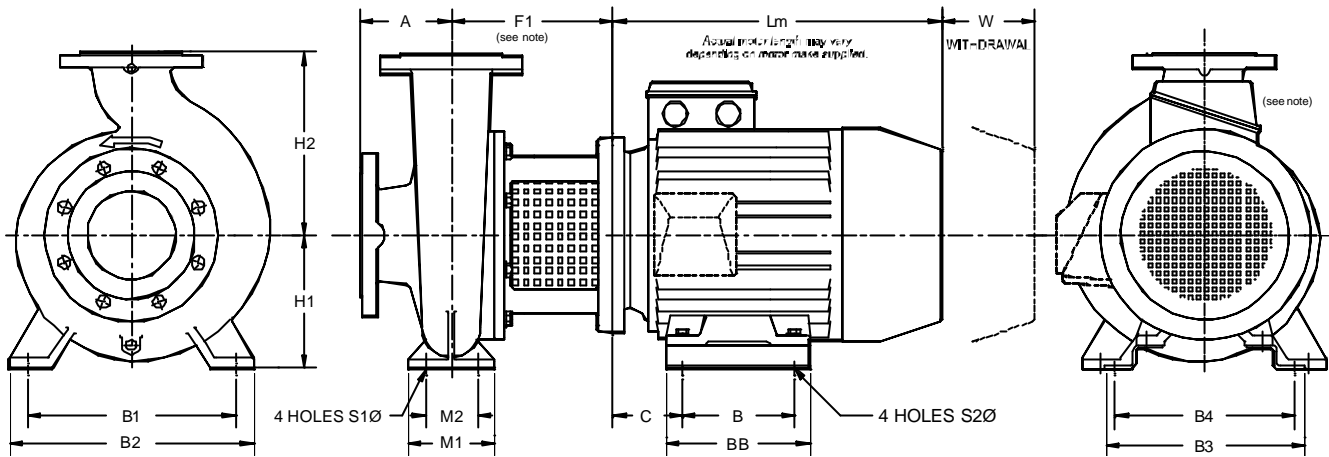
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For indication only. Certified drawings available on request

PUMP MODEL	MOTOR FRAME	FLANGES		PUMP DIMENSIONS										MOTOR DIMENSIONS						KG	
		IN	OUT	A	F1	H1	H2	B1	B2	M1	M2	W	S1	B3	B4	Lm	B	BB	C		S2
80-250 37/2	D200L	100	80	125	250	200	280	315	400	160	120	140	18	385	318	712	305	370	133	18	351
80-250 45/2	D225S	100	80	125	250	200	280	315	400	160	120	140	18	436	356	762	286	391	149	18	476
80-250 55/2	D250S	100	80	125	250	200	280	315	400	160	120	140	18	506	406	863	311	449	168	24	541
80-250 75/2	D250M	100	80	125	250	200	280	315	400	160	120	140	18	506	406	863	311	449	168	24	561
100-160 18.5/2	D160L	125	100	125	255	200	250	280	360	160	120	140	18	384	354	517	254	304	108	14	188
100-160 22/2	D180M	125	100	125	255	200	250	280	360	160	120	140	18	437	397	578	241	300	121	14	210
100-160 30/2	D200L	125	100	125	250	200	250	280	360	160	120	140	18	385	318	712	305	370	133	18	326
100-200 37/2	D200L	125	100	125	250	200	280	280	360	160	120	140	18	385	318	712	305	370	133	18	348
100-200 45/2	D225S	125	100	125	250	200	280	280	360	160	120	140	18	436	356	762	286	391	149	18	473
100-200 55/2	D250S	125	100	125	250	200	280	280	360	160	120	140	18	506	406	863	311	449	168	24	538
100-200 75/2	D250M	125	100	125	250	200	280	280	360	160	120	140	18	506	406	863	311	449	168	24	558
100-250 55/2	D250S	125	100	140	250	225	280	315	400	160	120	140	18	506	406	863	311	449	168	24	560
100-250 75/2	D250M	125	100	140	250	225	280	315	400	160	120	140	18	506	406	863	311	449	168	24	580
100-250 90/2	D280S	125	100	140	250	225	280	315	400	160	120	140	18	557	457	971	368	510	190	24	815
100-250 110/2	D280M	125	100	140	250	225	280	315	400	160	120	140	18	557	457	971	368	510	190	24	850
125-200 55/2	D250S	150	125	140	219	250	315	315	400	160	120	140	18	506	406	863	311	449	168	24	548
125-200 75/2	D250M	150	125	140	219	250	315	315	400	160	120	140	18	506	406	863	311	449	168	24	568
125-200 90/2	D280S	150	125	140	219	250	315	315	400	160	120	140	18	557	457	971	368	510	190	24	791
32-125 0.55/4	D80	50	32	80	170	112	140	140	190	100	70	100	14	207	189	255	100	125	50	10	36
32-160 0.55/4	D80	50	32	80	169	132	160	190	240	100	70	100	14	207	189	255	100	125	50	10	44
32-200 0.55/4	D80	50	32	80	169	160	180	190	240	100	70	100	14	207	189	255	100	125	50	10	52
32-200 0.75/4	D80	50	32	80	169	160	180	190	240	100	70	100	14	207	189	255	100	125	50	10	53
32-200 1.1/4	D90S	50	32	80	169	160	180	190	240	100	70	100	14	222	204	244	100	125	56	10	56
32-250 1.1/4	D90S	50	32	100	172	180	225	250	320	125	95	120	14	222	204	244	100	125	56	10	74
32-250 1.5/4	D90L	50	32	100	172	180	225	250	320	125	95	120	14	222	204	269	125	154	56	10	77
32-250 2.2/4	D100L	50	32	100	172	180	225	250	320	125	95	120	14	267	244	303	140	176	63	12	82
40-125 0.55/4	D80	65	40	80	170	112	140	160	210	100	70	100	14	207	189	255	100	125	50	10	41
40-160 0.55/4	D80	65	40	80	169	132	160	190	240	100	70	100	14	207	189	255	100	125	50	10	47
40-160 0.75/4	D80	65	40	80	169	132	160	190	240	100	70	100	14	207	189	255	100	125	50	10	48
40-200 0.75/4	D80	65	40	100	165	160	180	212	265	100	70	100	14	207	189	255	100	125	50	10	56
40-200 1.1/4	D90S	65	40	100	165	160	180	212	265	100	70	100	14	222	204	244	100	125	56	10	59
40-200 1.5/4	D90L	65	40	100	165	160	180	212	265	100	70	100	14	222	204	269	125	154	56	10	62

Apex TC pumpsets

Outline dimensions



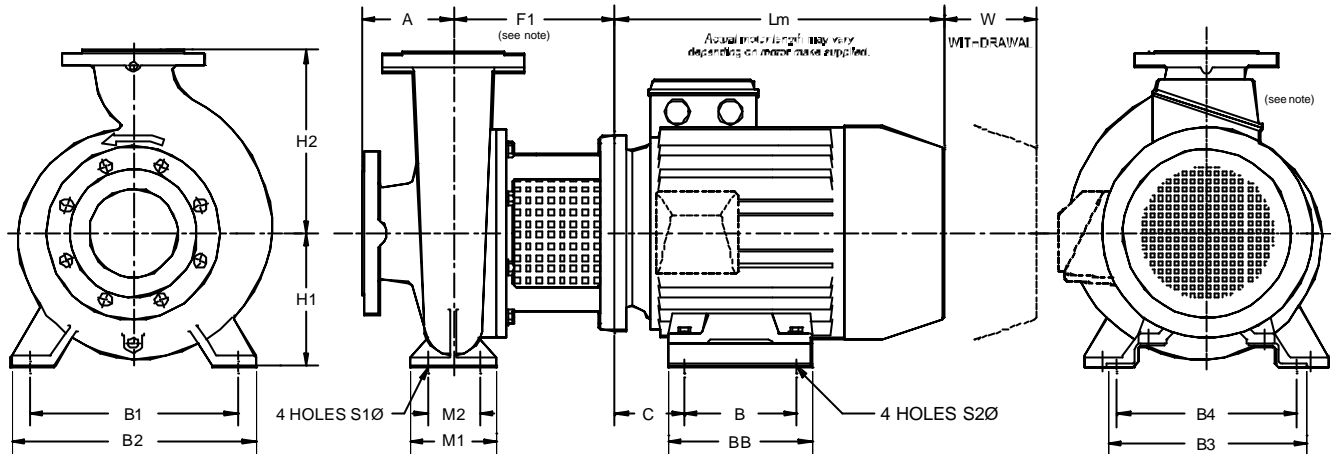
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PUMP MODEL	MOTOR FRAME	FLANGE S		PUMP DIMENSIONS										MOTOR DIMENSIONS						KG	
		IN	OUT	A	F1	H1	H2	B1	B2	M1	M2	W	S1	B3	B4	Lm	B	BB	C		S2
40-250 1.5/4	D90L	65	40	100	172	180	225	250	320	125	95	120	14	222	204	269	125	154	56	10	79
40-250 2.2/4	D100L	65	40	100	172	180	225	250	320	125	95	120	14	267	244	303	140	176	63	12	84
40-250 3.0/4	D100L	65	40	100	172	180	225	250	320	125	95	120	14	267	244	303	140	176	63	12	87
40-315 2.2/4	D100L	65	40	125	210	200	250	280	345	125	95	120	14	267	244	303	140	176	63	12	115
40-315 3.0/4	D100L	65	40	125	210	200	250	280	345	125	95	120	14	267	244	303	140	176	63	12	118
40-315 4.0/4	D112M	65	40	125	210	200	250	280	345	125	95	120	14	297	274	320	140	176	63	12	124
40-315 5.5/4	D132S	65	40	125	210	200	250	280	345	125	95	120	14	323	300	405	140	176	89	12	141
50-125 0.55/4	D80	65	50	100	170	132	160	190	240	100	70	100	14	207	189	255	100	125	50	10	43
50-125 0.75/4	D80	65	50	100	170	132	160	190	240	100	70	100	14	207	189	255	100	125	50	10	44
50-125 1.1/4	D90S	65	50	100	170	132	160	190	240	100	70	100	14	222	204	244	100	125	56	10	47
50-160 0.75/4	D80	65	50	100	169	160	180	212	265	100	70	100	14	207	189	255	100	125	50	10	48
50-160 1.1/4	D90S	65	50	100	169	160	180	212	265	100	70	100	14	222	204	244	100	125	56	10	51
50-160 1.5/4	D90L	65	50	100	169	160	180	212	265	100	70	100	14	222	204	269	125	154	56	10	54
50-200 1.1/4	D90S	65	50	100	171	160	200	212	265	100	70	100	14	222	204	244	100	125	56	10	59
50-200 1.5/4	D90L	65	50	100	171	160	200	212	265	100	70	100	14	222	204	269	125	154	56	10	62
50-200 2.2/4	D100L	65	50	100	171	160	200	212	265	100	70	100	14	267	244	303	140	176	63	12	67
50-250 2.2/4	D100L	65	50	100	172	180	225	250	320	125	95	120	14	267	244	303	140	176	63	12	84
50-250 3.0/4	D100L	65	50	100	172	180	225	250	320	125	95	120	14	267	244	303	140	176	63	12	87
50-250 4.0/4	D112M	65	50	100	172	180	225	250	320	125	95	120	14	297	274	320	140	176	63	12	93
50-250 5.5/4	D132S	65	50	100	172	180	225	250	320	125	95	120	14	323	300	405	140	176	89	12	110
50-315 4.0/4	D112M	65	50	125	250	225	280	280	345	125	95	140	14	297	274	320	140	176	63	12	126
50-315 5.5/4	D132S	65	50	125	250	225	280	280	345	125	95	140	14	323	300	385	140	184	89	12	143
50-315 7.5/4	D132M	65	50	125	250	225	280	280	345	125	95	140	14	323	300	405	178	218	89	12	152
50-315 11/4	D160M	65	50	125	250	225	280	280	345	125	95	140	14	384	354	517	210	260	108	14	178
65-125 0.75/4	D80	80	65	100	170	160	180	212	280	125	95	100	14	207	189	255	100	125	50	10	49
65-125 1.1/4	D90S	80	65	100	170	160	180	212	280	125	95	100	14	222	204	244	100	125	56	10	52
65-125 1.5/4	D90L	80	65	100	170	160	180	212	280	125	95	100	14	222	204	269	125	154	56	10	55
65-160 1.1/4	D90S	80	65	100	169	160	200	212	280	125	95	100	14	222	204	244	100	125	56	10	58
65-160 1.5/4	D90L	80	65	100	169	160	200	212	280	125	95	100	14	222	204	269	125	154	56	10	61
65-160 2.2/4	D100L	80	65	100	169	160	200	212	280	125	95	100	14	267	244	303	140	176	63	12	66
65-200 1.5/4	D90L	80	65	100	169	180	225	250	320	125	95	100	14	222	204	269	125	154	56	10	70
65-200 2.2/4	D100L	80	65	100	169	180	225	250	320	125	95	100	14	267	244	303	140	176	63	12	75
65-200 3.0/4	D100L	80	65	100	169	180	225	250	320	125	95	100	14	267	244	303	140	176	63	12	78
65-200 4.0/4	D112M	80	65	100	169	180	225	250	320	125	95	100	14	297	274	320	140	176	63	12	84
65-250 3.0/4	D100L	80	65	100	170	200	250	280	360	160	120	100	18	267	244	303	140	176	63	12	110
65-250 4.0/4	D112M	80	65	100	170	200	250	280	360	160	120	100	18	297	274	320	140	176	63	12	116
65-250 5.5/4	D132S	80	65	100	170	200	250	280	360	160	120	100	18	323	300	405	140	176	89	12	133
65-250 7.5/4	D132M	80	65	100	170	200	250	280	360	160	120	100	18	323	300	405	178	218	89	12	142
65-315 7.5/4	D132M	80	65	125	235	225	280	315	400	160	120	100	18	323	300	405	178	218	89	12	160
65-315 11/4	D160M	80	65	125	265	225	280	315	400	160	120	100	18	384	354	517	210	260	108	14	186

Apex TC pumpsets

Outline dimensions



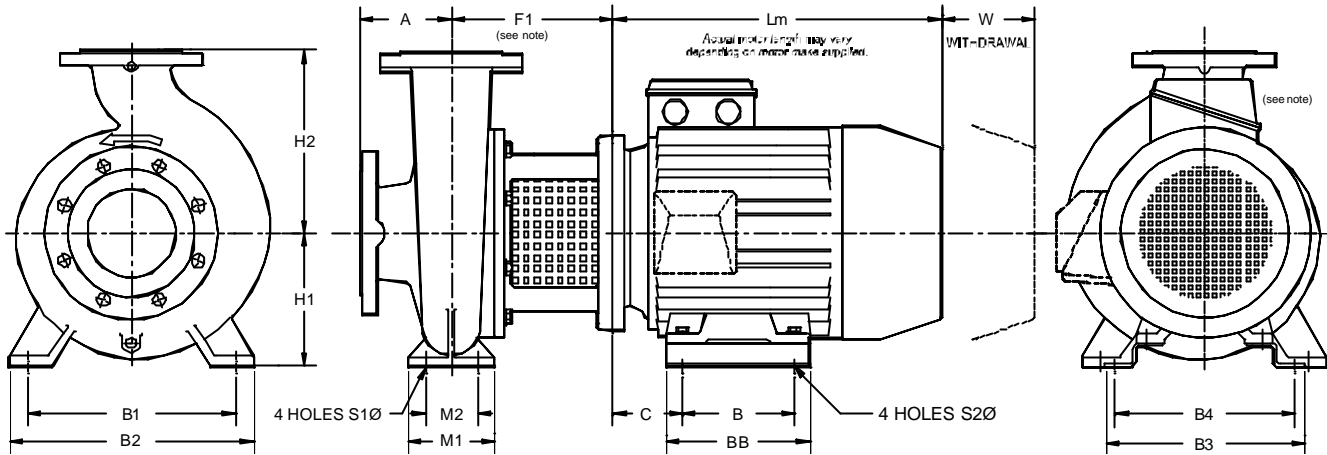
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PUMP MODEL	MOTOR FRAME	FLANGES		PUMP DIMENSIONS											MOTOR DIMENSIONS						KG
		IN	OUT	A	F1	H1	H2	B1	B2	M1	M2	W	S1	B3	B4	Lm	B	BB	C	S2	
80-160 1.5/4	D90L	100	80	125	167	180	225	250	320	125	95	100	14	222	204	269	125	154	56	10	70
80-160 2.2/4	D100L	100	80	125	167	180	225	250	320	125	95	100	14	267	244	303	140	176	63	12	75
80-160 3.0/4	D100L	100	80	125	167	180	225	250	320	125	95	100	14	267	244	303	140	176	63	12	78
80-200 3.0/4	D100L	100	80	125	186	180	250	280	345	125	95	120	14	267	244	303	140	176	63	12	95
80-200 4.0/4	D112M	100	80	125	186	180	250	280	345	125	95	120	14	297	274	320	140	176	63	12	101
80-200 5.5/4	D132S	100	80	125	186	180	250	280	345	125	95	120	14	323	300	405	140	176	89	12	118
80-250 4.0/4	D112M	100	80	125	170	200	280	315	400	160	120	120	18	297	274	320	140	176	63	12	121
80-250 5.5/4	D132S	100	80	125	170	200	280	315	400	160	120	120	18	323	300	405	140	176	89	12	138
80-250 7.5/4	D132M	100	80	125	170	200	280	315	400	160	120	120	18	323	300	405	178	218	89	12	147
80-250 11/4	D160M	100	80	125	210	200	280	315	400	160	120	120	18	384	354	517	210	260	108	14	173
80-315 7.5/4	D132M	100	80	125	250	250	315	315	400	160	120	120	18	323	300	405	178	218	89	12	160
80-315 11/4	D160M	100	80	125	250	250	315	315	400	160	120	120	18	384	354	510	210	252	108	14	186
80-315 15/4	D160L	100	80	125	250	250	315	315	400	160	120	120	18	384	354	517	254	304	108	14	207
80-315 18.5/4	D180M	100	80	125	250	250	315	315	400	160	120	120	18	437	397	578	241	300	121	14	229
80-400 15/4	D160L	100	80	125	255	280	355	340	440	160	120	120	18	384	354	517	254	304	108	14	265
80-400 18.5/4	D180M	100	80	125	255	280	355	340	440	160	120	120	18	437	397	578	241	300	121	14	287
80-400 22/4	D180L	100	80	125	255	280	355	340	440	160	120	120	18	437	397	578	279	340	121	14	302
80-400 30/4	D200L	100	80	125	255	280	355	340	440	160	120	120	18	528	478	657	305	370	133	18	402
100-160 3.0/4	D112M	125	100	125	225	200	250	280	360	160	120	140	18	267	244	303	140	176	63	12	105
100-160 4.0/4	D112M	125	100	125	225	200	250	280	360	160	120	140	18	297	274	320	140	176	63	12	111
100-200 4.0/4	D112M	125	100	125	186	200	280	280	360	160	120	120	18	297	274	320	140	176	63	12	118
100-200 5.5/4	D132S	125	100	125	186	200	280	280	360	160	120	120	18	323	300	405	140	176	89	12	135
100-200 7.5/4	D132M	125	100	125	186	200	280	280	360	160	120	120	18	323	300	405	178	218	89	12	144
100-250 5.5/4	D132S	125	100	140	180	225	280	315	400	160	120	140	18	323	300	405	140	176	89	12	157
100-250 7.5/4	D132M	125	100	140	180	225	280	315	400	160	120	140	18	323	300	405	178	218	89	12	166
100-250 11/4	D160M	125	100	140	220	225	280	315	400	160	120	140	18	384	354	517	210	260	108	14	192
100-250 15/4	D160L	125	100	140	220	225	280	315	400	160	120	140	18	384	354	517	254	304	108	14	213
100-315 7.5/4	D132M	125	100	140	230	250	315	315	400	160	120	140	18	323	300	405	178	218	89	12	176
100-315 11/4	D160M	125	100	140	260	250	315	315	400	160	120	140	18	384	354	517	210	260	108	14	202
100-315 15/4	D160L	125	100	140	260	250	315	315	400	160	120	140	18	384	354	517	254	304	108	14	223
100-315 18.5/4	D180M	125	100	140	260	250	315	315	400	160	120	140	18	437	397	578	241	300	121	14	245
100-315 22/4	D180L	125	100	140	260	250	315	315	400	160	120	140	18	437	397	578	279	340	121	14	260
100-400 22/4	D180L	125	100	140	255	280	355	400	500	200	150	140	23	437	397	578	279	340	121	14	262
100-400 30/4	D200L	125	100	140	255	280	355	400	500	200	150	140	23	528	478	657	305	370	133	18	362
100-400 37/4	D225S	125	100	140	440	280	355	400	500	200	150	140	23	566	516	707	311	391	149	18	452
100-400 45/4	D225M	125	100	140	440	280	355	400	500	200	150	140	23	566	516	707	311	391	149	18	502
125-200 5.5/4	D132S	150	125	140	187	250	315	315	400	160	120	140	18	323	300	405	140	176	89	12	145
125-200 7.5/4	D132M	150	125	140	187	250	315	315	400	160	120	140	18	323	300	405	178	218	89	12	154
125-200 11/4	D160M	150	125	140	227	250	315	315	400	160	120	140	18	384	354	517	210	260	108	14	180
125-250 11/4	D160M	150	125	140	218	250	355	315	400	160	120	140	18	384	354	517	210	260	108	14	197
125-250 15/4	D160L	150	125	140	218	250	355	315	400	160	120	140	18	384	354	517	254	304	108	14	218

Apex TC pumpsets

Outline dimensions



Use dimension F1 for pumps with cast iron body and single mechanical seal. Terminal box may be top or side
 For stainless steel pumps and pumps with double mechanical seal, refer to Apex. mounted depending on motor make. For indication only. Certified drawings available on request

PUMP MODEL	MOTOR FRAME	FLANGES		PUMP DIMENSIONS										MOTOR DIMENSIONS							KG
		IN	OUT	A	F1	H1	H2	B1	B2	M1	M2	W	S1	B3	B4	Lm	B	BB	C	S2	
125-250 18.5/4	D180M	150	125	140	218	250	355	315	400	160	120	140	18	437	397	578	241	300	121	14	240
125-250 22/4	D180L	150	125	140	218	250	355	315	400	160	120	140	18	437	397	578	279	340	121	14	255
125-315 15/4	D160L	150	125	140	255	280	355	400	500	200	150	140	23	384	354	517	254	304	108	14	258
125-315 18.5/4	D180M	150	125	140	255	280	355	400	500	200	150	140	23	437	397	578	241	300	121	14	280
125-315 22/4	D180L	150	125	140	255	280	355	400	500	200	150	140	23	437	397	578	279	340	121	14	295
125-315 30/4	D200L	150	125	140	255	280	355	400	500	200	150	140	23	528	478	657	305	370	133	18	395
125-400 30/4	D200L	150	125	140	255	315	400	400	500	200	150	140	23	528	478	657	305	370	133	18	429
125-400 37/4	D225S	150	125	140	255	315	400	400	500	200	150	140	23	566	516	707	311	391	149	18	519
125-400 45/4	D225M	150	125	140	255	315	400	400	500	200	150	140	23	566	516	707	311	391	149	18	569
125-400 55/4	D225M	150	125	140	255	315	400	400	500	200	150	140	23	566	516	707	311	391	149	18	649
150-200 11/4	D160M	200	150	160	255	280	400	450	550	200	150	140	23	384	354	517	210	260	108	14	196
150-200 15/4	D160L	200	150	160	255	280	400	450	550	200	150	140	23	384	354	517	254	304	108	14	217
150-200 18.5/4	D180M	200	150	160	255	280	400	450	550	200	150	140	23	437	397	578	241	300	121	14	239
150-250 18.5/4	D180M	200	150	160	255	250	355	350	450	200	150	140	23	437	397	578	241	300	121	14	275
150-250 22/4	D180L	200	150	160	255	250	355	350	450	200	150	140	23	437	397	578	279	340	121	14	290
150-250 30/4	D200L	200	150	160	255	250	355	350	450	200	150	140	23	528	478	657	305	370	133	18	390
150-315 22/4	D180L	200	150	160	255	280	400	450	550	200	150	140	23	437	397	578	279	340	121	14	315
150-315 30/4	D200L	200	150	160	255	280	400	450	550	200	150	140	23	528	478	657	305	370	133	18	415
150-315 37/4	D225S	200	150	160	255	280	400	450	550	200	150	140	23	566	516	707	311	391	149	18	505
150-315 45/4	D225M	200	150	160	255	280	400	450	550	200	150	140	23	566	516	707	311	391	149	18	555
150-315 55/4	D225M	200	150	160	255	280	400	450	550	200	150	140	23	566	516	707	311	391	149	18	635
150-400 37/4	D225S	200	150	160	255	315	450	450	550	200	150	140	23	566	516	707	311	391	149	18	530
150-400 45/4	D225M	200	150	160	255	315	450	450	550	200	150	140	23	566	516	707	311	391	149	18	580
150-400 55/4	D225M	200	150	160	255	315	450	450	550	200	150	140	23	566	516	707	311	391	149	18	660
150-400 75/4	D250M	200	150	160	255	315	450	450	550	200	150	140	23	640	580	930	349	432	168	18	710
200-250 37/4	D225S	250	200	180	278	315	450	450	550	200	150	250	23	566	516	707	311	391	149	18	560
200-250 45/4	D225M	250	200	180	278	315	450	450	550	200	150	250	23	566	516	707	311	391	149	18	610
200-250 55/4	D250S	250	200	180	278	315	450	450	550	200	150	250	23	566	516	707	311	391	149	18	690
200-315 45/4	D225M	250	200	180	348	315	480	480	600	220	170	250	28	566	516	707	311	391	149	18	631
200-315 55/4	D225M	250	200	180	348	315	480	480	600	220	170	250	28	566	516	707	311	391	149	18	711
200-315 75/4	D250M	250	200	180	348	315	480	480	600	220	170	250	28	636	586	783	349	449	168	24	761
200-400 75/4	D250M	250	200	180	348	335	480	480	600	220	170	250	28	636	586	783	349	449	168	24	805
200-400 90/4	D280S	250	200	180	348	335	480	480	600	220	170	250	28	687	637	783	419	510	190	24	1090
200-400 110/4	D280S	250	200	180	348	335	480	480	600	220	170	250	28	687	637	783	419	510	190	24	1075
200-400 132/4	D280M	250	200	180	348	335	480	480	600	220	170	250	28	687	637	783	419	510	190	24	1235
250-315 45/4	D225M	300	250	220	369	355	520	510	660	250	200	250	28	566	516	707	311	391	149	18	691
250-315 55/4	D225M	300	250	220	369	355	520	510	660	250	200	250	28	566	516	707	311	391	149	18	771
250-315 75/4	D250M	300	250	220	369	355	520	510	660	250	200	250	28	636	586	783	349	449	168	24	821
250-400 110/4	D280S	300	250	220	360	400	560	510	660	250	200	250	28	687	637	783	419	510	190	24	1170
250-400 132/4	D280M	300	250	220	360	400	560	510	660	250	200	250	28	687	637	783	419	510	190	24	1330
250-400 160/4	D315S	300	250	220	360	400	560	510	660	250	200	250	28	758	708	866	457	558	216	28	1385