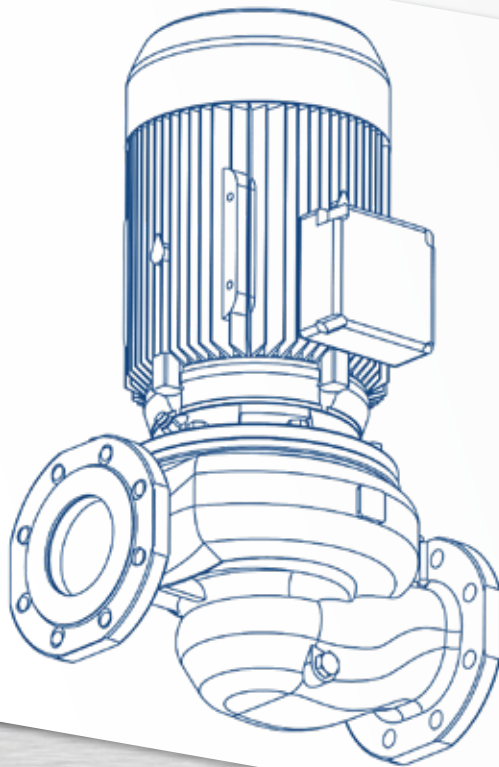




In-Line Dry Rotor Circulating Pumps

- ✓ EILR Series
- ✓ EILR - HF Series

EILR - EILR HF SERIES IN-LINE DRY ROTOR CIRCULATING PUMPS



EILR-HF series frequency control module installed in-line pump

With the EILR - EILR HF series in-line dry rotor circulating pumps, keep comfort and energy efficiency at the highest level

- Direct connection to the installation with in-line connection (inlet and outlet on the same line)
- Used in cold & hot water circulation cycles of domestic and industrial heating & cooling, air-conditioning, and plumbing.

Fluid Property

- Handling of water and clean, chemically non-aggressive liquids.
- The maximum glycol ratio that can be added to the circulation water is 30%.

Specifications

Max. Flow Rate	: 280 m ³ /h
Max. Head	: 103 mwc
Maximum working pressure	: 10 bar
Connection flanges	: PN16 for DN 40 – DN 125
Motor Speed	: 975 rpm (50 Hz), 2900 rpm (50 Hz), 1450 rpm (50 Hz)
Power	: 0.25 kW - 45 kW
Max. Ambient Temperature	: 40°C
Temperature of Pumped Liquid	: -10 ÷ +130°C
Protection Class	: IP44
Insulation Class	: Class F

Design Properties

Pump Body	: GG25 Cast Iron
Shaft	: AISI 420 - Stainless Steel
Impeller	: GG25 Cast Iron
Adapter	: GG25 Cast Iron
Mechanical Seal	: Carbon / Ceramic / EPDM
Support Body	: GG25 Cast Iron
Elastomers	: EPDM

- Three-phase asynchronous motor with external cooling
- Recommended to be used with extreme current protection panel for motor protection

- Pumps are mounted in-line connection and single-stage centrifugal pumps with mechanical seals. EILR series pumps are on motor shaft with pump shaft and adapter. Rotary parts can be serviced without removing the pump body from the installation.

EILR-HF Series Technical Characteristics

- Variable speed control system which is located on the top of the electric motor, for managing pump operation according to system conditions. This provide energy savings, lower operating costs, greater comfort.

Accessories which is supplied according to demand

- Galvanised threaded pump flange
- Base foot to assemble the pump on the floor
- Different materials for mechanical seal and pump seals

Installation

- Can be installed horizontally or vertically providing the motor terminal box is upwards.
- Motor powers 5.5kW and higher, for installation in the horizontal position, the electric pump should be mounted on a pump foot. If the electric pump installed in vertical position the motor must be supported over 5.5kW.

EIL PUMP SOUND LEVEL

PUMP TYPE		POWER (kW)	SPEED (rpm)	SOUND LEVEL
EILR	100-250	1,5	975	47
EILR	100-250	2,2	975	52
EILR	100-250	3	975	63
EILR	100-250	4	975	63
EILR	125-250	2,2	975	52
EILR	125-250	3	975	63
EILR	125-250	4	975	63
EILR	125-250	5,5	975	63

PUMP TYPE		POWER (kW)	SPEED (rpm)	SOUND LEVEL
EILR	40-125	0,25	1450	45
EILR	40-125	0,37	1450	46
EILR	40-125	0,55	1450	47
EILR	40-160	0,37	1450	46
EILR	40-160	0,55	1450	47
EILR	40-160	0,75	1450	48
EILR	40-200	0,75	1450	48
EILR	40-200	1,1	1450	49
EILR	40-200	1,5	1450	50
EILR	40-250	1,1	1450	49
EILR	40-250	1,5	1450	50
EILR	40-250	2,2	1450	51
EILR	40-250	3	1450	52
EILR	50-125	0,25	1450	45
EILR	50-125	0,37	1450	46
EILR	50-125	0,55	1450	47
EILR	50-160	0,37	1450	46
EILR	50-160	0,55	1450	47
EILR	50-160	0,75	1450	48
EILR	50-160	1,1	1450	49
EILR	50-200	0,75	1450	48
EILR	50-200	1,1	1450	49
EILR	50-200	1,5	1450	50
EILR	50-200	2,2	1450	51
EILR	50-250	1,1	1450	49
EILR	50-250	1,5	1450	50
EILR	50-250	2,2	1450	51
EILR	50-250	3	1450	52

PUMP TYPE		POWER (kW)	SPEED (rpm)	SOUND LEVEL
EILR	65-125	0,37	1450	46
EILR	65-125	0,55	1450	47
EILR	65-125	0,75	1450	48
EILR	65-160	0,55	1450	47
EILR	65-160	0,75	1450	48
EILR	65-160	1,1	1450	49
EILR	65-160	1,5	1450	50
EILR	65-200	0,75	1450	48
EILR	65-200	1,1	1450	49
EILR	65-200	1,5	1450	50
EILR	65-200	2,2	1450	51
EILR	65-250	1,5	1450	50
EILR	65-250	2,2	1450	51
EILR	65-250	3	1450	52
EILR	65-250	4	1450	53
EILR	80-160	0,75	1450	48
EILR	80-160	1,1	1450	49
EILR	80-160	1,5	1450	50
EILR	80-160	2,2	1450	51
EILR	80-200	1,5	1450	50
EILR	80-200	2,2	1450	51
EILR	80-200	3	1450	52
EILR	80-200	4	1450	53
EILR	80-250	3	1450	52
EILR	80-250	4	1450	53
EILR	80-250	5,5	1450	54
EILR	80-250	7,5	1450	55
EILR	100-160	1,1	1450	49
EILR	100-160	1,5	1450	50
EILR	100-160	2,2	1450	51
EILR	100-160	3	1450	52
EILR	100-200	3	1450	52
EILR	100-200	4	1450	53
EILR	100-200	5,5	1450	54
EILR	100-200	7,5	1450	55
EILR	100-250	4	1450	53
EILR	100-250	5,5	1450	54
EILR	100-250	7,5	1450	55
EILR	100-250	11	1450	63
EILR	125-200	3	1450	52
EILR	125-200	4	1450	53
EILR	125-200	5,5	1450	54
EILR	125-200	7,5	1450	55
EILR	125-250	5,5	1450	54
EILR	125-250	7,5	1450	55
EILR	125-250	11	1450	63
EILR	125-250	15	1450	54

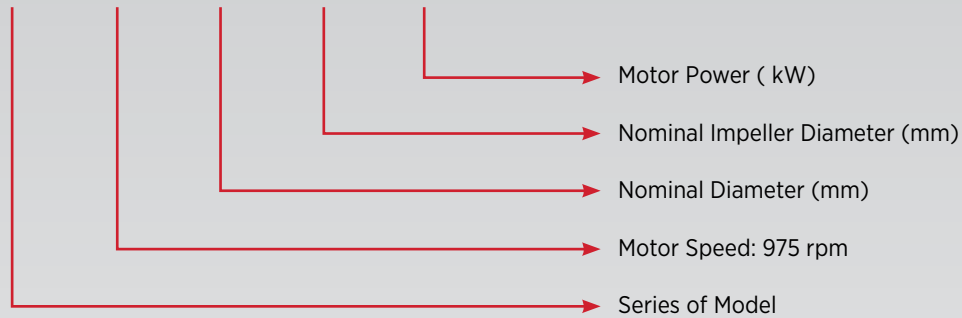
EIL PUMP SOUND LEVEL

	PUMP TYPE	POWER (kW)	SPEED (rpm)	SOUND LEVEL
EILR	40-125	1,1	2900	55
EILR	40-125	1,5	2900	61
EILR	40-125	2,2	2900	62
EILR	40-125	3	2900	62
EILR	40-160	2,2	2900	62
EILR	40-160	3	2900	62
EILR	40-160	4	2900	63
EILR	40-160	5,5	2900	66
EILR	40-200	3	2900	62
EILR	40-200	4	2900	63
EILR	40-200	5,5	2900	66
EILR	40-200	7,5	2900	67
EILR	40-250	7,5	2900	67
EILR	40-250	11	2900	68
EILR	40-250	15	2900	71
EILR	40-250	18,5	2900	72
EILR	50-125	1,5	2900	61
EILR	50-125	2,2	2900	62
EILR	50-125	3	2900	62
EILR	50-125	4	2900	63
EILR	50-160	2,2	2900	62
EILR	50-160	3	2900	62
EILR	50-160	4	2900	63
EILR	50-160	5,5	2900	66
EILR	50-200	4	2900	63
EILR	50-200	5,5	2900	66
EILR	50-200	7,5	2900	67
EILR	50-200	11	2900	68
EILR	50-250	15	2900	71
EILR	50-250	18,5	2900	72
EILR	50-250	22	2900	73
EILR	50-250	30	2900	73
EILR	65-125	2,2	2900	62
EILR	65-125	3	2900	62
EILR	65-125	4	2900	63
EILR	65-125	5,5	2900	66
EILR	65-160	3	2900	62
EILR	65-160	4	2900	63
EILR	65-160	5,5	2900	66
EILR	65-160	7,5	2900	67
EILR	65-160	11	2900	68
EILR	65-200	5,5	2900	66
EILR	65-200	7,5	2900	67
EILR	65-200	11	2900	68
EILR	65-200	15	2900	71
EILR	65-250	15	2900	71
EILR	65-250	18,5	2900	72
EILR	65-250	22	2900	73
EILR	65-250	30	2900	73

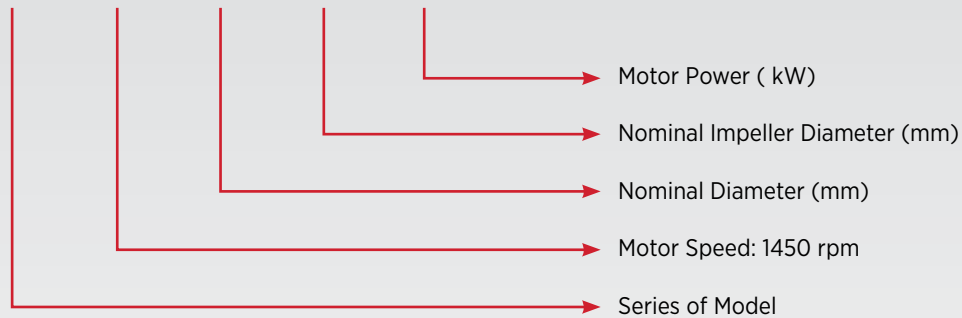
	PUMP TYPE	POWER (kW)	SPEED (rpm)	SOUND LEVEL
EILR	80-160	4	2900	63
EILR	80-160	5,5	2900	66
EILR	80-160	7,5	2900	67
EILR	80-160	11	2900	68
EILR	80-160	15	2900	71
EILR	80-200	11	2900	68
EILR	80-200	15	2900	71
EILR	80-200	18,5	2900	72
EILR	80-200	22	2900	73
EILR	80-200	30	2900	73
EILR	80-250	18,5	2900	72
EILR	80-250	22	2900	73
EILR	80-250	30	2900	73
EILR	80-250	37	2900	74
EILR	80-250	45	2900	75
EILR	100-160	7,5	2900	67
EILR	100-160	11	2900	68
EILR	100-160	15	2900	71
EILR	100-160	18,5	2900	72
EILR	100-200	15	2900	71
EILR	100-200	18,5	2900	72
EILR	100-200	22	2900	73
EILR	100-200	30	2900	73
EILR	100-200	37	2900	74
EILR	100-200	45	2900	75
EILR	100-250	22	2900	73
EILR	100-250	30	2900	73
EILR	100-250	37	2900	74
EILR	100-250	45	2900	75
EILR	125-200	22	2900	73
EILR	125-200	30	2900	73
EILR	125-200	37	2900	74
EILR	125-200	45	2900	75

EILR - EILR HF SERIES PUMP IDENTIFICATION CODE AND LABEL

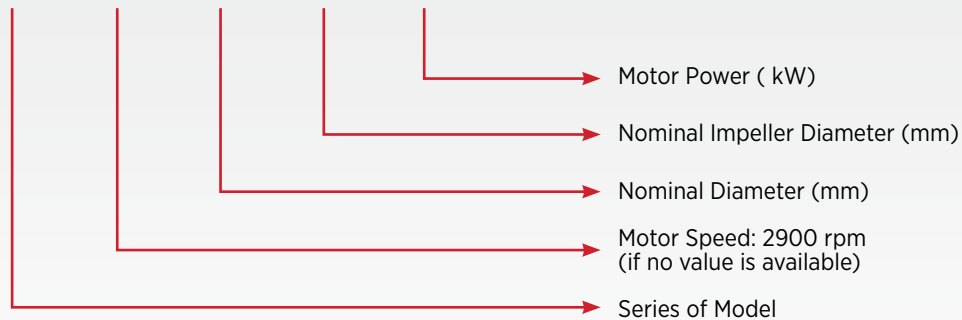
EILR 6 40 - 125 / 0,37



EILR 4 40 - 125 / 0,37



EILR ☐ 40 - 125 / 0,37



ETNA®		CE		Alp Pompa Teknolojileri San. Tic. A.Ş. Dudullu OSB. 2. Cad. No: 14 34775 Ümraniye - İstanbul / Türkiye Tel : +90 216 561 47 74 (Pbx)	
①	TYPE :		MEI ≥ 0,4		⑧
⑤	Q :	m³/h	H :	mSS	②
⑥	CYCLE : rpm		POWER : Kw		③
⑦	BATCH NO :		YEAR :		④

① Model

② Nominal Pressure

③ Nominal Power

④ Year of Manufacture

⑤ Nominal Flow Rate

⑥ Motor's Rotation Speed

⑦ Serial Number

⑧ Minimum Efficiency Index Value

EILR-EILR4-EILR6

LIST OF MODELS AND TABLE OF MATERIALS

ETNA®

MODELS		
6 POLES (2900 rpm)		
100-250/15	100-250/40	125-250/40
100-250/22	125-250/22	125-250/55
100-250/30	125-250/30	

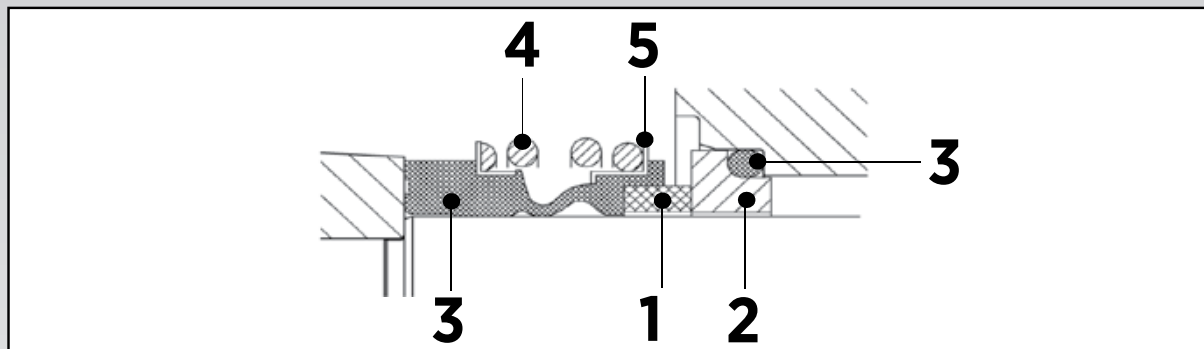
MODELS		
4 POLES (2900 rpm)		
40-125/02	50-250/15	80-200/40
40-125/03	50-250/22*	80-250/30
40-125/05*	50-250/30	80-250/40
40-160/03	65-125/03	80-250/55*
40-160/05*	65-125/05*	80-250/75
40-160/07	65-125/07	100-160/11
40-200/07	65-160/05*	100-160/15
40-200/11	65-160/07	100-160/22*
40-200/15	65-160/11	100-160/30
40-250/11	65-160/15	100-200/30
40-250/15	65-200/07	100-200/40
40-250/22*	65-200/11	100-200/55*
40-250/30	65-200/15	100-200/75
50-125/02	65-200/22*	100-250/40
50-125/03	65-250/15	100-250/55*
50-125/05*	65-250/22*	100-250/75
50-160/03	65-250/30	100-250/110*
50-160/05*	65-250/40	125-200/30
50-160/07	80-160/07	125-200/40
50-160/11*	80-160/11	125-200/55*
50-200/07	80-160/15	125-200/75
50-200/11	80-160/22*	125-250/55*
50-200/15	80-200/15	125-250/75
50-200/22*	80-200/22*	125-250/110*
50-250/11	80-200/30	125-250/150

MODELS		
2 POLES (2900 rpm)		
40-125/11	50-250/150	80-200/185
40-125/15*	50-250/185	80-200/220*
40-125/22	50-250/220*	80-200/300*
40-125/30*	50-250/300*	80-250/185
40-160/22	65-125/22	80-250/220*
40-160/30*	65-125/30*	80-250/300*
40-160/40*	65-125/40*	80-250/370
40-160/55*	65-125/55*	80-250/450*
40-200/30*	65-160/30*	100-160/75*
40-200/40*	65-160/40*	100-160/110*
40-200/55*	65-160/55*	100-160/150
40-200/75*	65-160/75*	100-160/185
40-250/75*	65-160/110*	100-200/150
40-250/110*	65-200/55*	100-200/185
40-250/150	65-200/75*	100-200/220*
40-250/185	65-200/110*	100-200/300*
50-125/15*	65-200/150	100-200/370
50-125/22	65-250/150	100-200/450*
50-125/30*	65-250/185	100-250/220*
50-125/40*	65-250/220*	100-250/300*
50-160/22	65-250/300*	100-250/370
50-160/30*	80-160/40*	100-250/450*
50-160/40*	80-160/55*	125-200/220*
50-160/55*	80-160/75*	125-200/300*
50-200/40*	80-160/110*	125-200/370
50-200/55*	80-160/150	125-200/450*
50-200/75*	80-200/110*	
50-200/110*	80-200/150	

MATERIALS				
REF.	PART	MATERIAL	REF. REFERENCE STANDARDS	
No.			EUROPE	USA
1	Pump Body	Cast Iron	EN 1561-GJL-250 (JL1040)	ASTM Class 35
2	Seal Body	Cast Iron	EN 1561-GJL-250 (JL1040)	ASTM Class 35
3	Mechanical Seal Body	Cast Iron	EN 1561-GJL-250 (JL1040)	ASTM Class 35
4	Shaft	Stainless Steel	EN 10088-1-X2CrN Mo17-12-2 (1.4404)	AISI420
5	Impeller Nuts and Air Release Valve	Stainless Steel	EN 10088-1-X2CrN Mo17-12-2 (1.4404)	AISI 316L
6	Key	Stainless Steel	EN 10088-1-X2CrN Mo17-12-2 (1.4404)	AISI 316L
7	Plug and Air Discharge Valve	Nickel Plated Brass	EN 12164-CuZn39Pb3 (CW614N)	-
8	Fill / Drain Plugs	Nickel Plated Brass	EN 12164-CuZn39Pb3 (CW614N)	-
9	Mechanical Seal	Resin Impregnated Carbon/ Silicium Carbide/ EPDM/ AISI 304 (Standard Version)		
10	O-ring	EPDM (Standard Version)		
11	Pump Flange	Cast Iron	EN 1561-GJL-250 (JL1040)	ASTM Class 35
12	Pump Body Fastening Bolts and Washers	Galvanized Steel		

EILR SERIES MECHANICAL SEAL

Mechanical seal connection dimensions in accordance with EN 12756 and ISO 3069



List of Materials

Positions 1-2	Positions 3	Positions 4 - 5
B : Resin impregnated carbon	E : EPDM	G : AISI 316
A : Antimony impregnated carbon	V : FKM (FPM)	
Q ₁ : Silicium Carbide		
U ₃ : Tungsten Carbide		

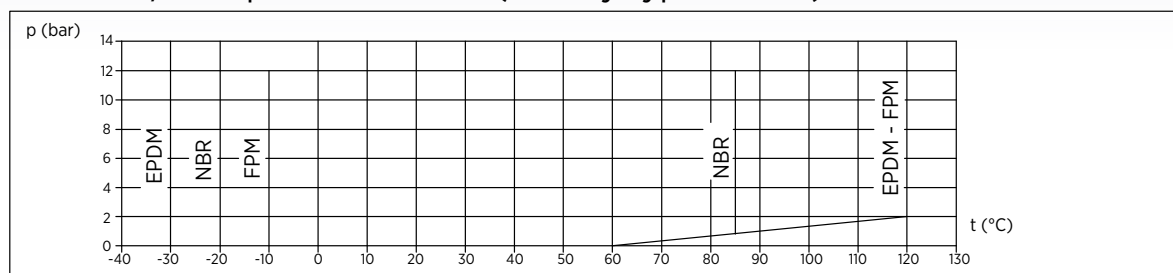
EIL Seal Type

Tip	Position					Temperature (°C)
	1	2	3	4	5	
	Rotating Part	Stationary Part	Elastics	Springs	Other Parts	
Standard Mechanical Seal						
Q,Q,E G G	Q ₁	Q ₁	E	G	G	-30/+120
Other Mechanical Seal Types						
V B V G G	V	B	V	G	G	-10/+120
Q,B V G G	Q ₁	B	V	G	G	-10/+120
Q,Q,V G G	Q ₁	Q ₁	V	G	G	-10/+120
V B E G G	V	B	E	G	G	-30/+120
Q,B E G G	Q ₁	B	E	G	G	-30/+120
Q,Q,E G G	Q ₁	Q ₁	E	G	G	-30/+120

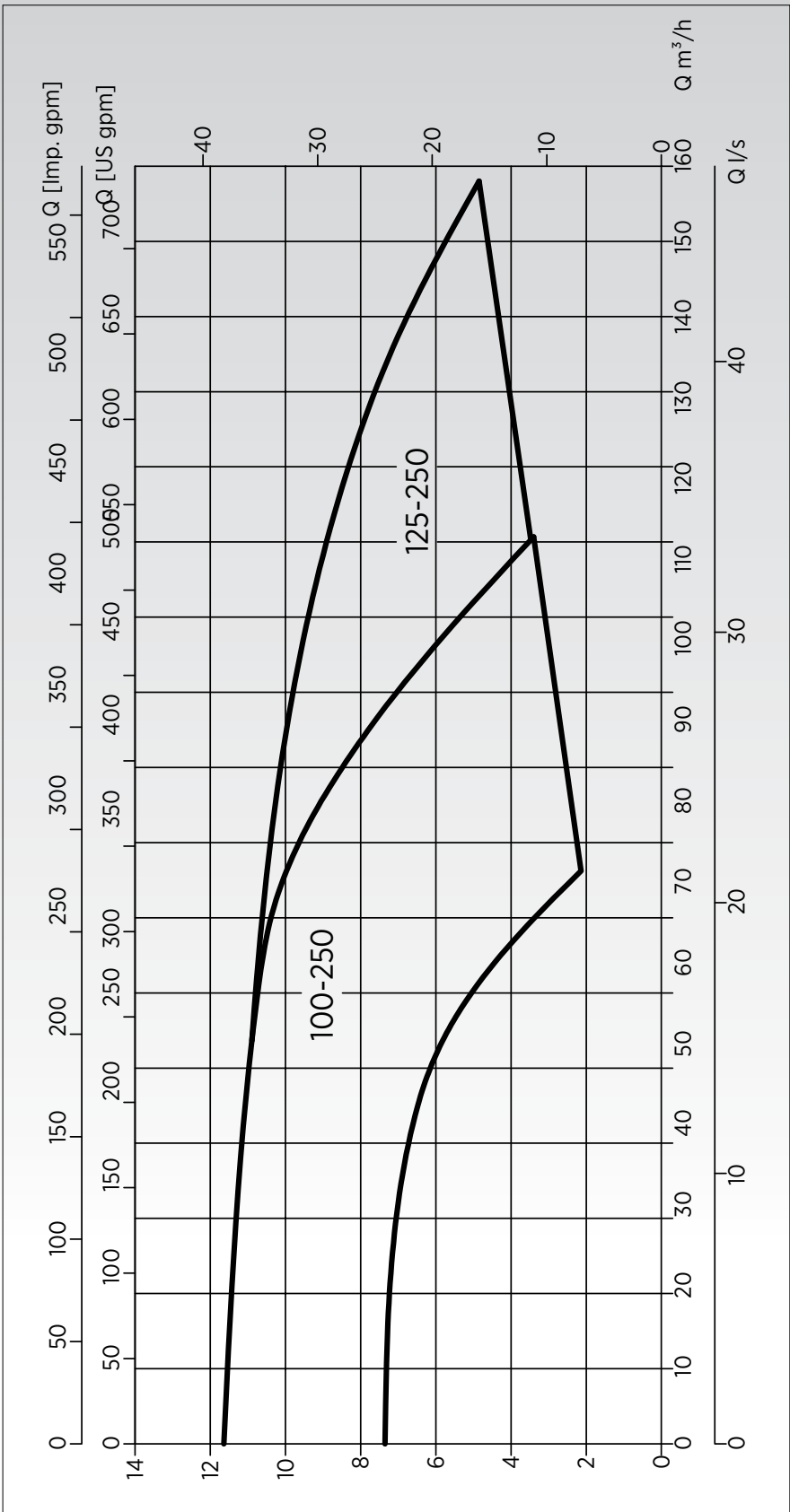
EIL R Salmastra Tipi

TİP	Pozisyon					Temperature (°C)
	1	2	3	4	5	
	Rotating Part	Stationary Part	Elastics	Springs	Other Parts	
Standard Mechanical Seal						
Q ₁ B E G G	Q ₁	B	E	G	G	-30/+120
Other Mechanical Seal Types						
Q ₁ B V G G	Q ₁	B	V	G	G	-10/+120
Q ₁ Q ₁ V G G	Q ₁	Q ₁	V	G	G	-10/+120

Pressure / Temperature Limits (for any type of seal)



6 Pole Motor (975 rpm) - 50Hz



4 Pole Motor (1450 rpm) - 50Hz

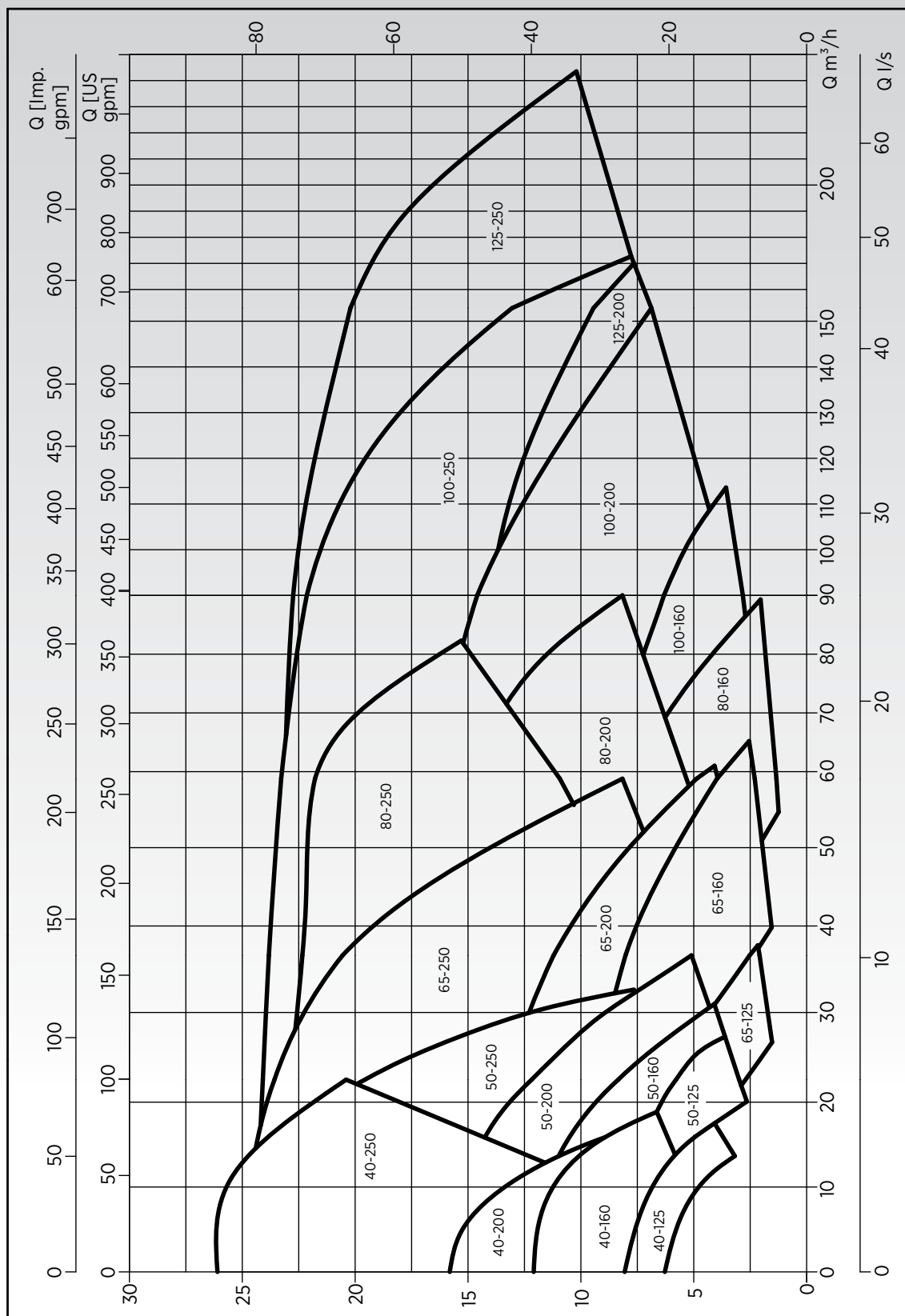
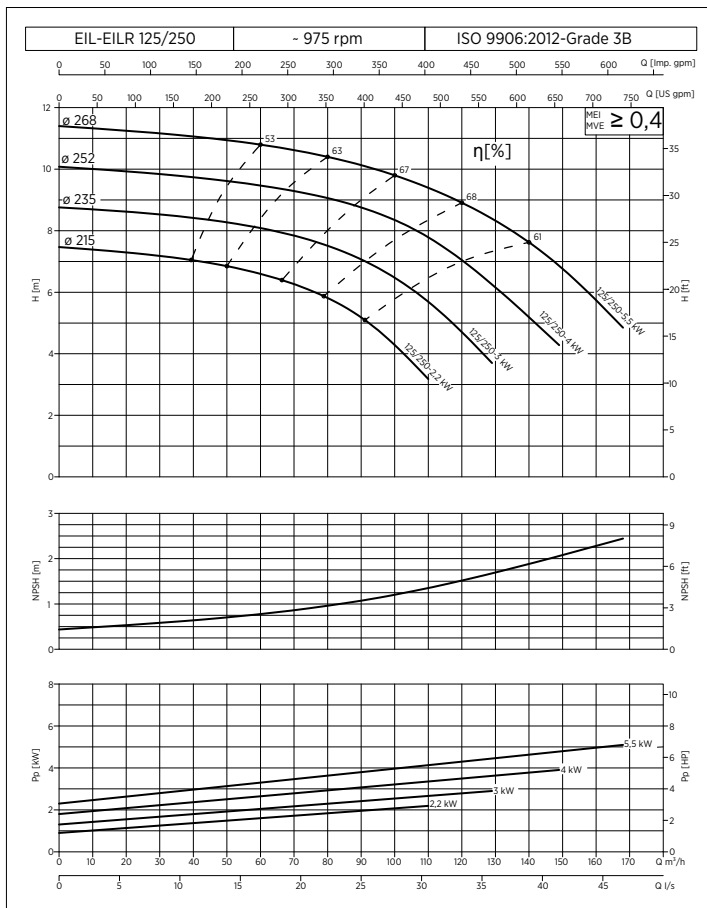
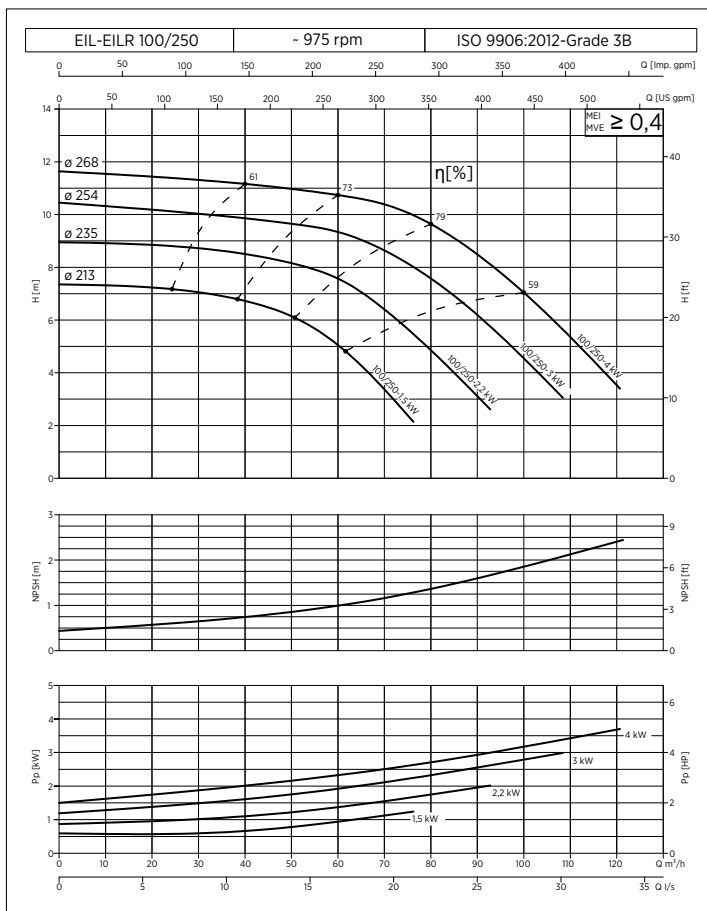


Figure 1 is a complex graph showing the relationship between flow rate (Q) and pressure drop (ΔP) for various pipe configurations. The graph features multiple y-axes and multiple x-axes, all sharing a common horizontal scale for ΔP.

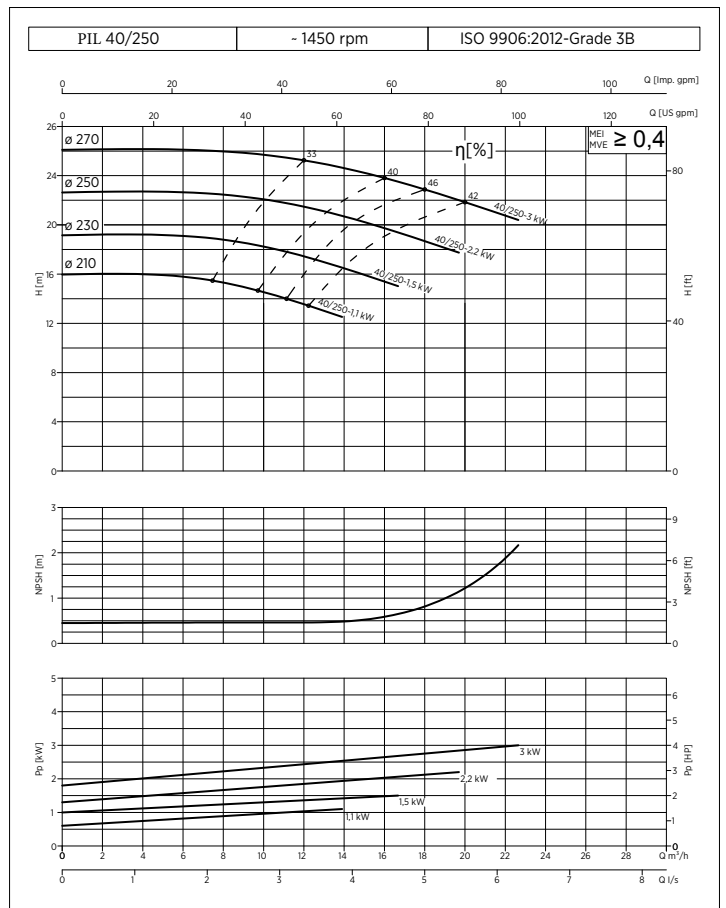
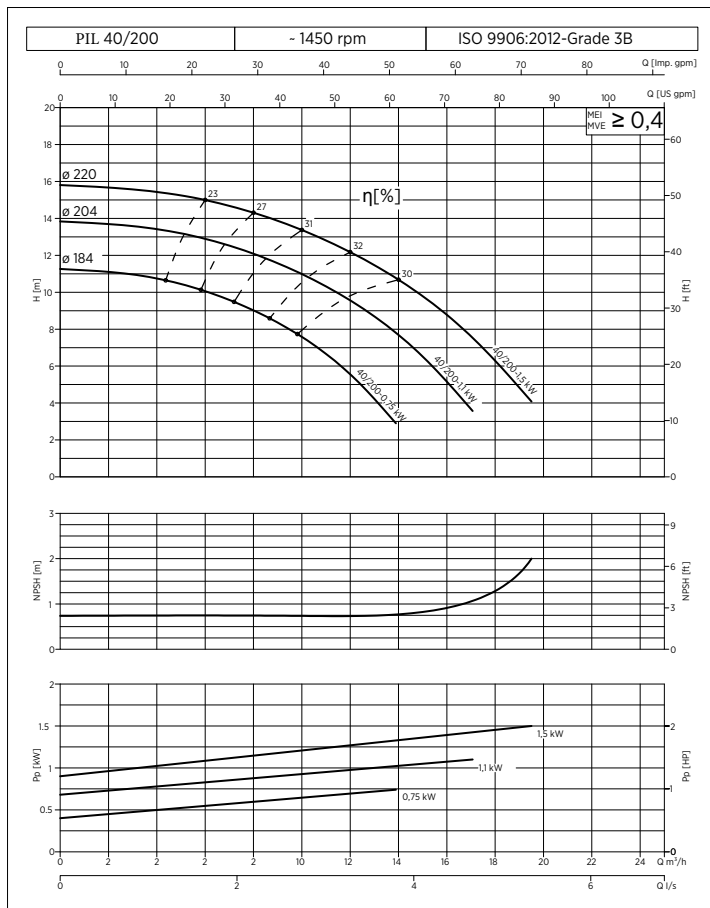
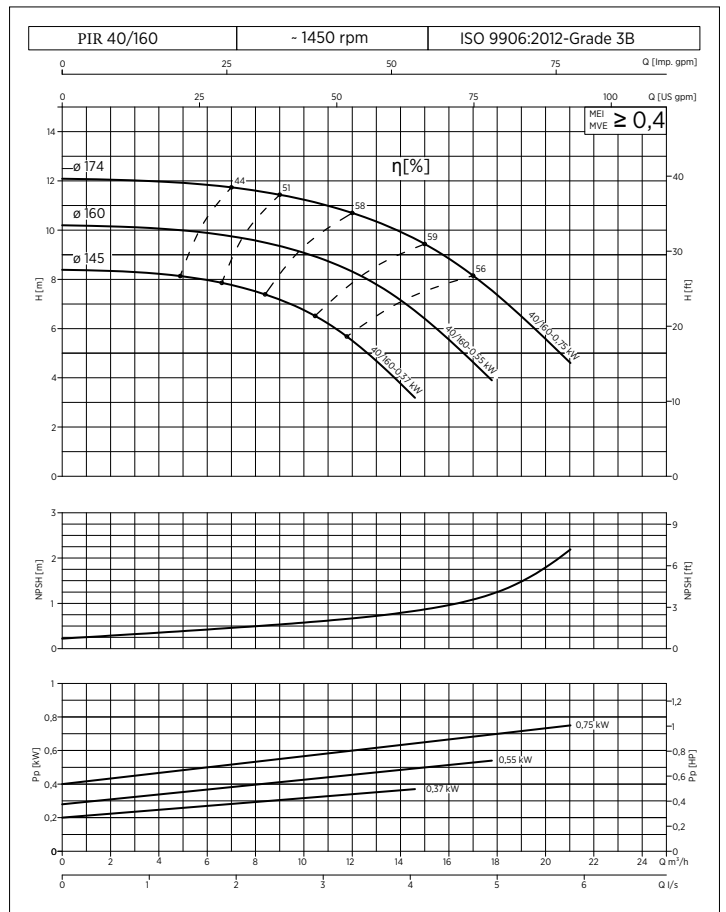
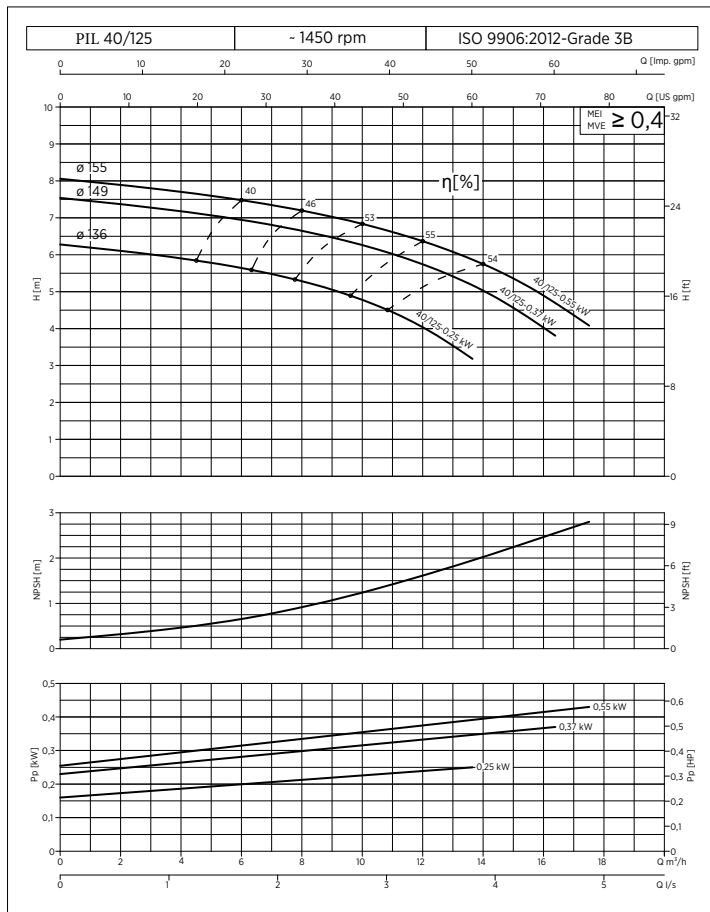
- Y-axes (Flow Rate Q):**
 - Leftmost axis: Q [Imp. gpm] (0 to 110)
 - Second axis from left: Q [US gpm] (0 to 360)
 - Third axis from left: Q [m³/h] (0 to 320)
 - Rightmost axis: Q [l/s] (0 to 70)
- X-axes (Pressure Drop ΔP):**
 - Top axis: ΔP [Pa] (0 to 1100)
 - Second axis from top: ΔP [bar] (0 to 10)
 - Third axis from top: ΔP [psi] (0 to 20)
- Curves:** The graph contains numerous curves, each representing a specific pipe configuration. These are labeled with numbers indicating the pipe size and length, such as:
 - 40-250, 50-250, 65-250, 80-250, 100-250, 125-200
 - 40-200, 50-200, 65-200, 80-200, 100-200
 - 40-160, 50-160, 65-160, 80-160, 100-160
 - 40-125, 50-125, 65-125

EILR6 SERIES

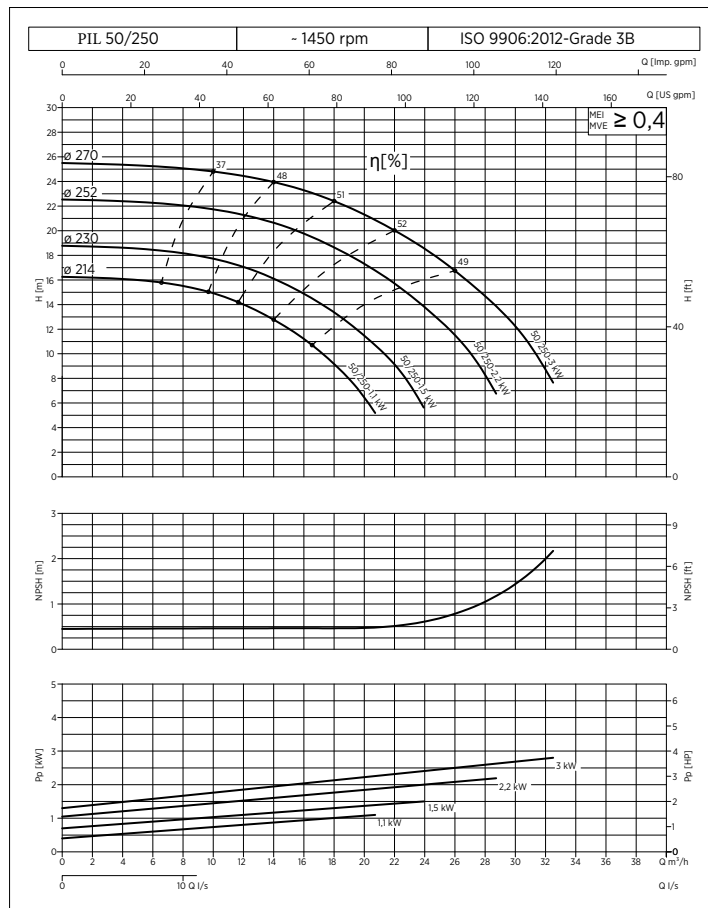
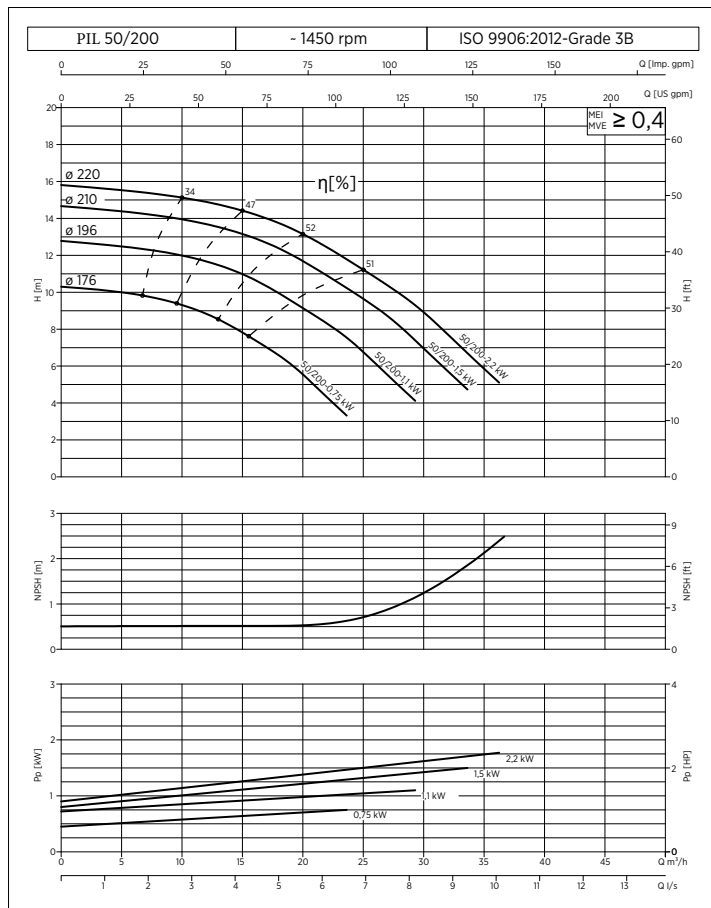
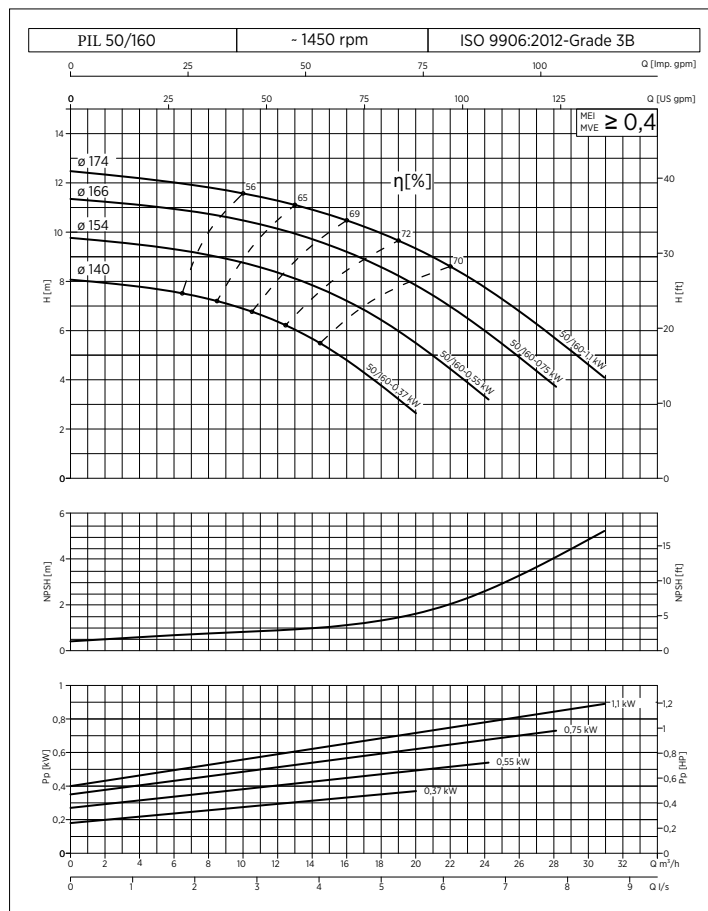
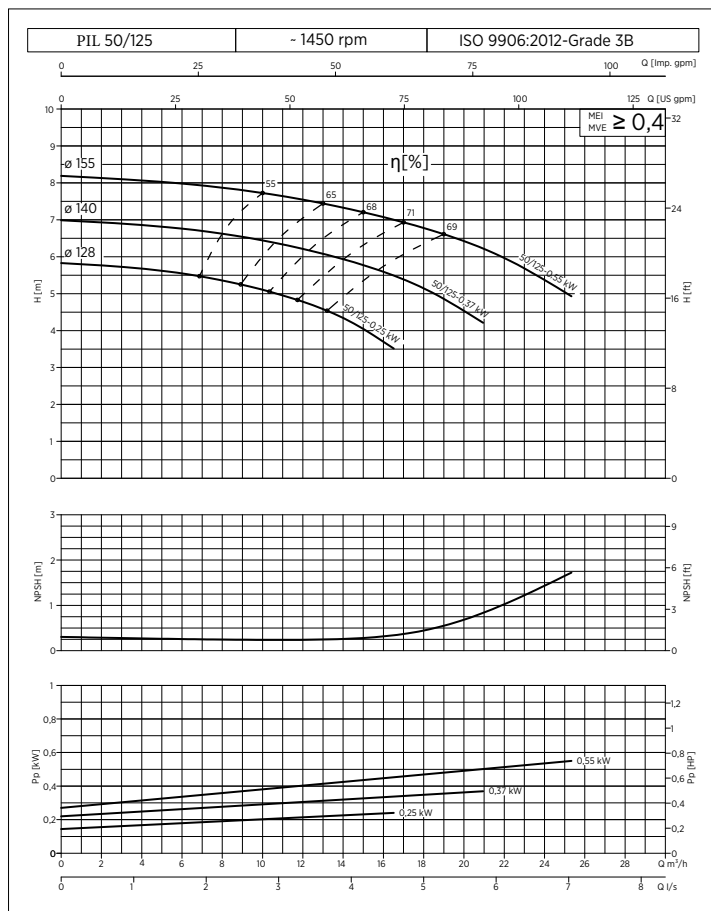
HYDRAULIC PERFORMANCE CURVES



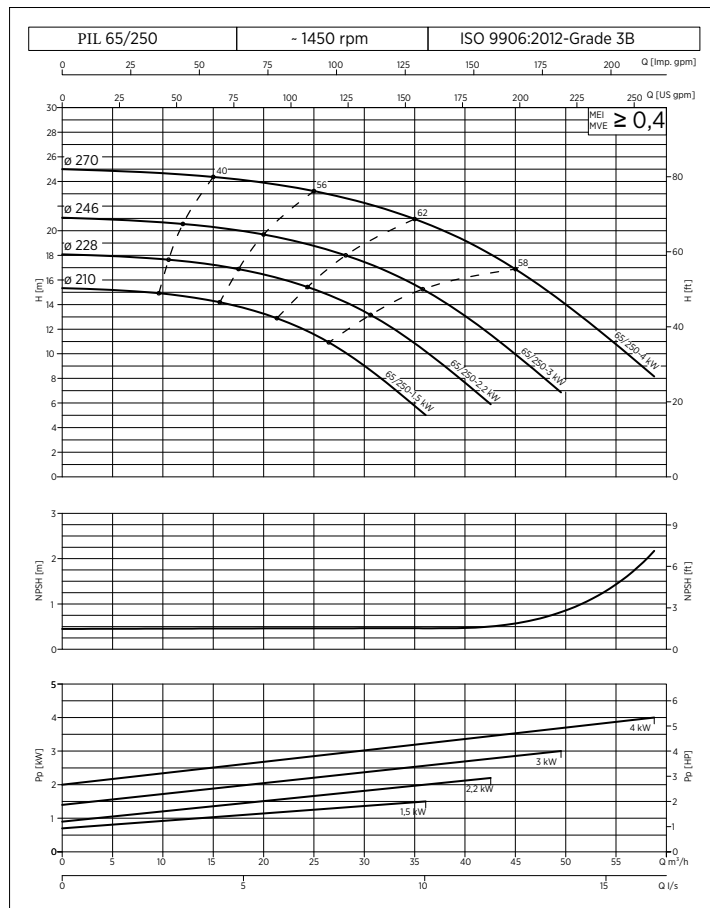
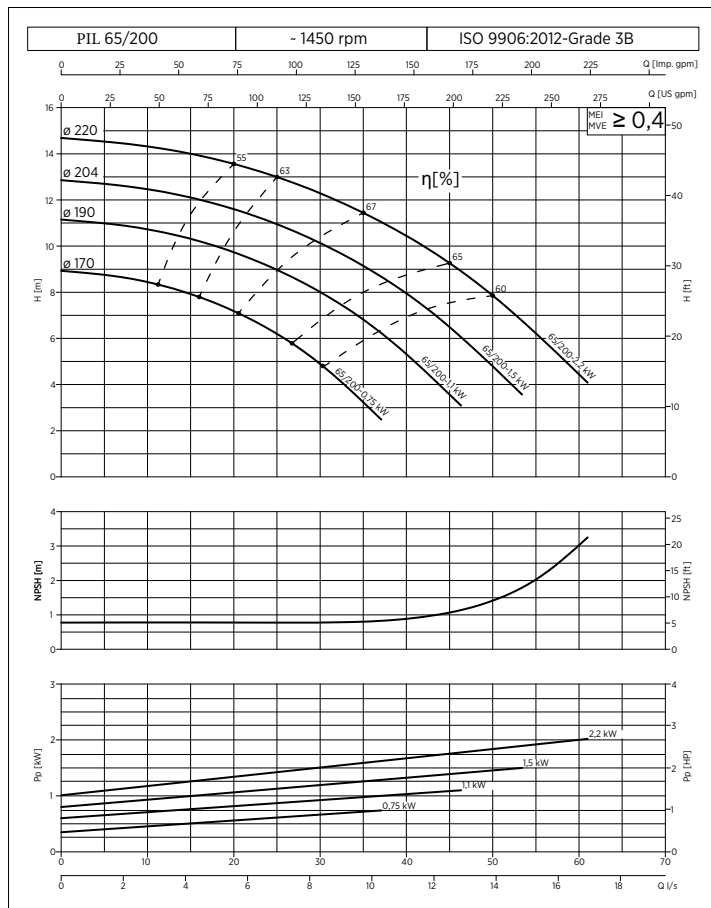
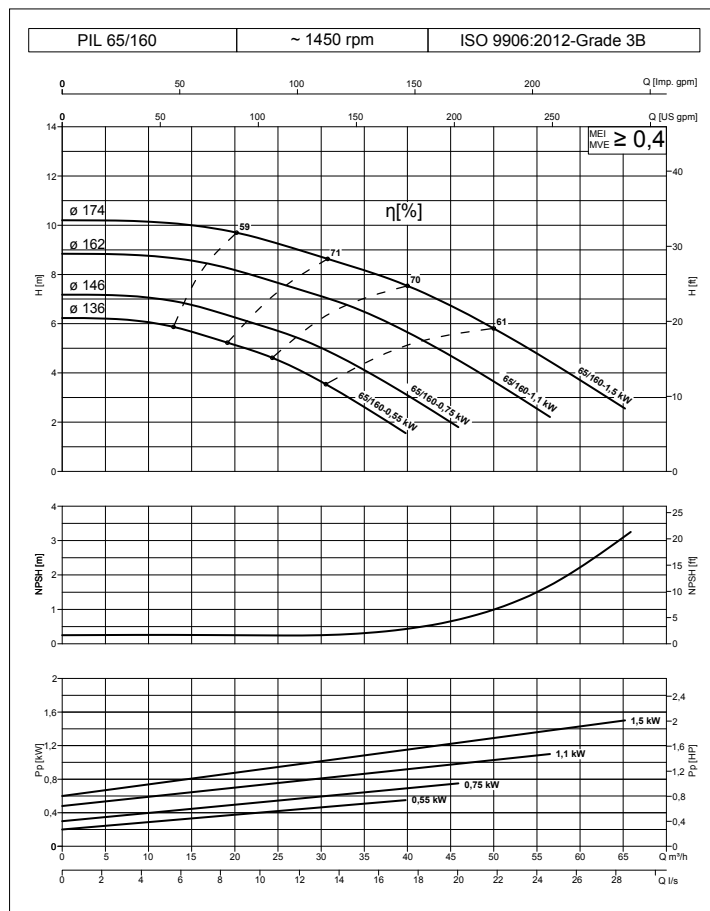
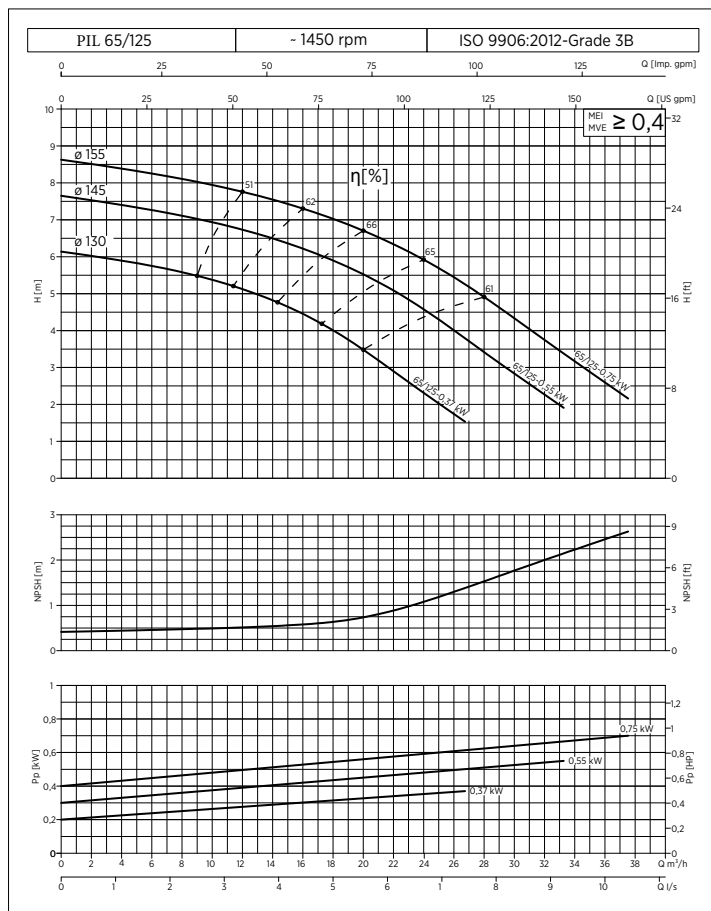
PIL 4 SERIES HYDRAULIC PERFORMANCE CURVES



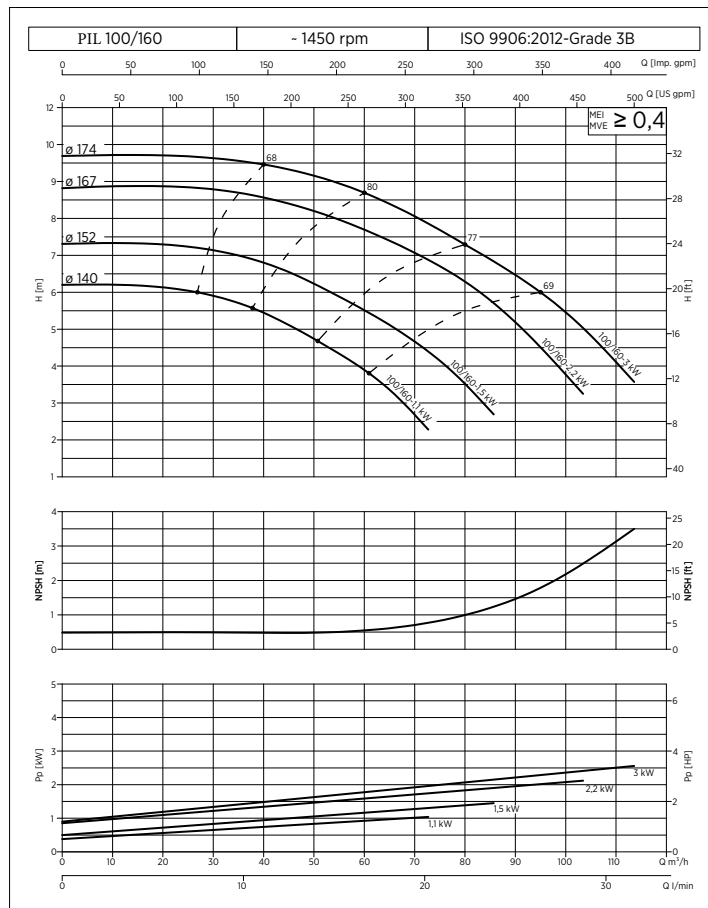
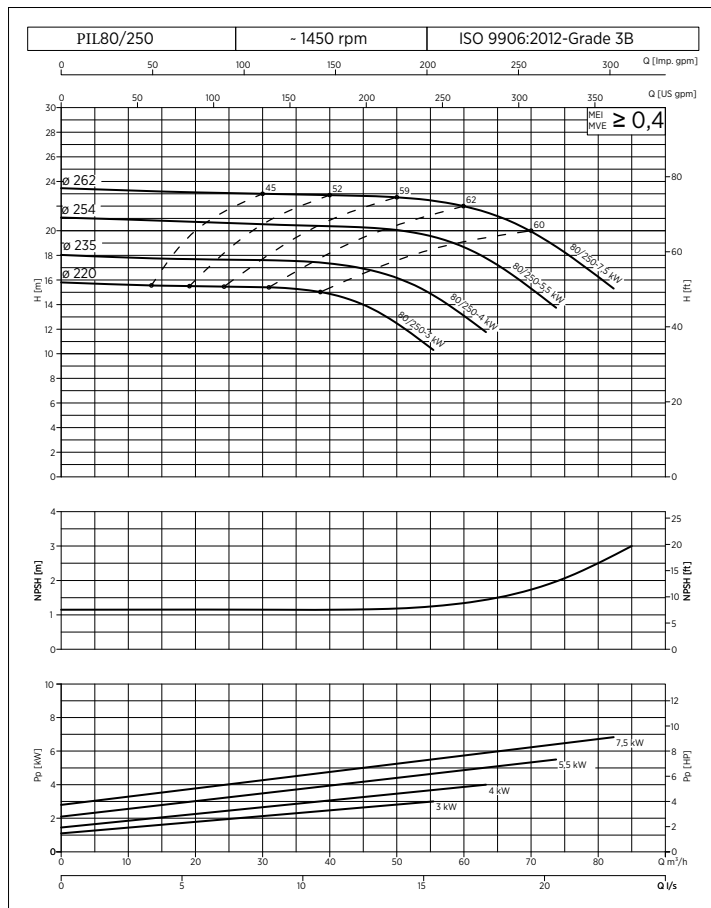
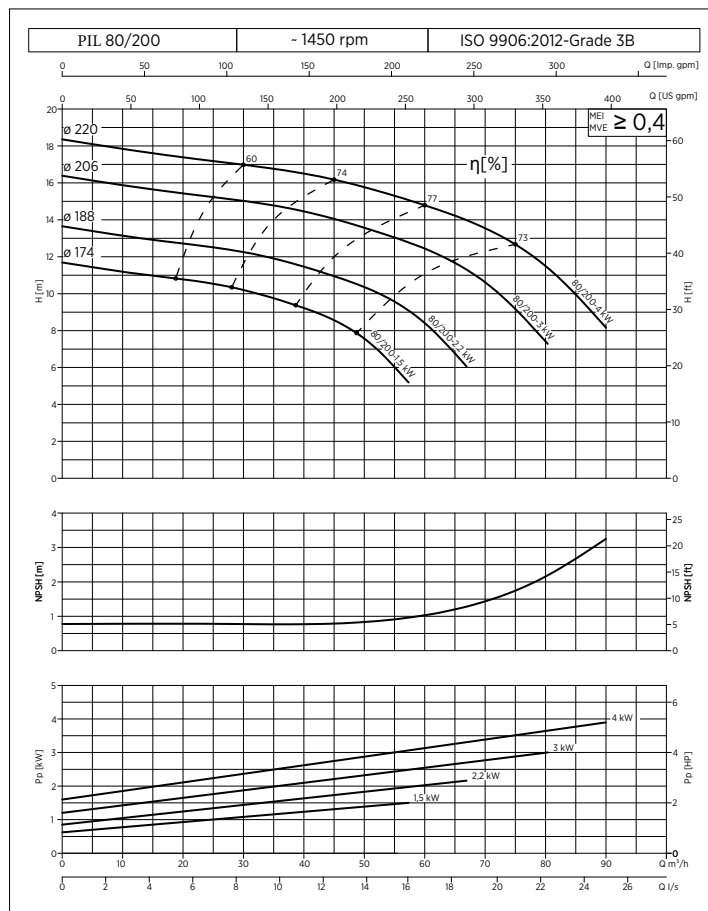
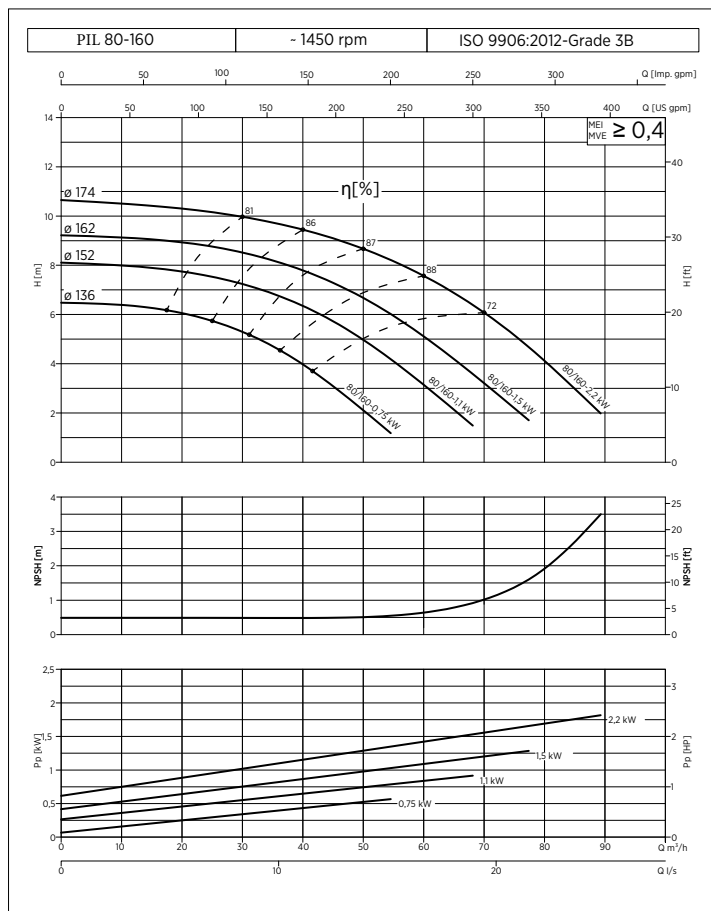
PIL 4 SERIES HYDRAULIC PERFORMANCE CURVES



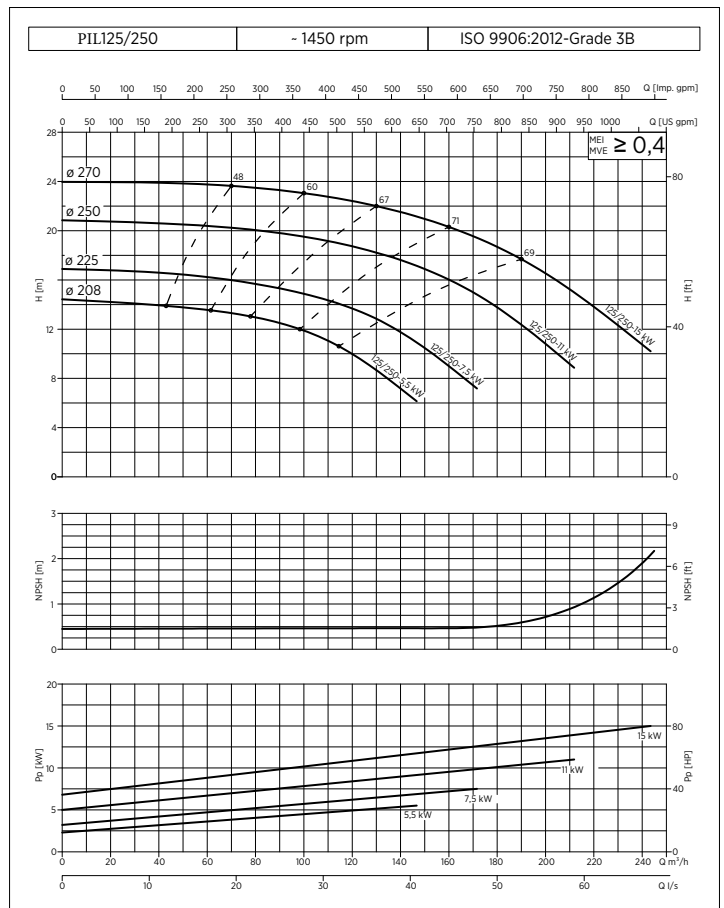
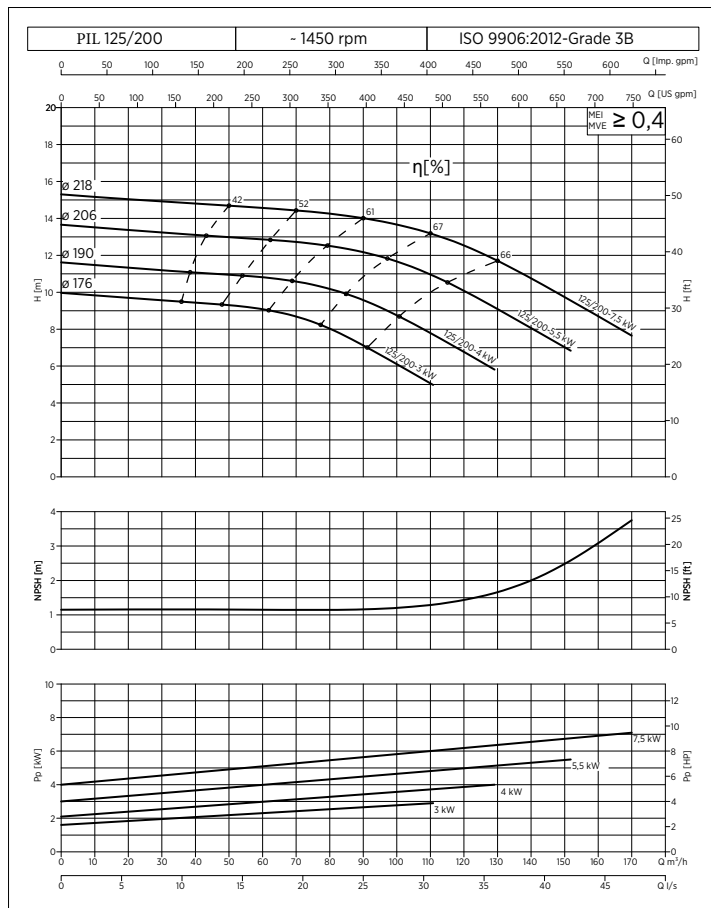
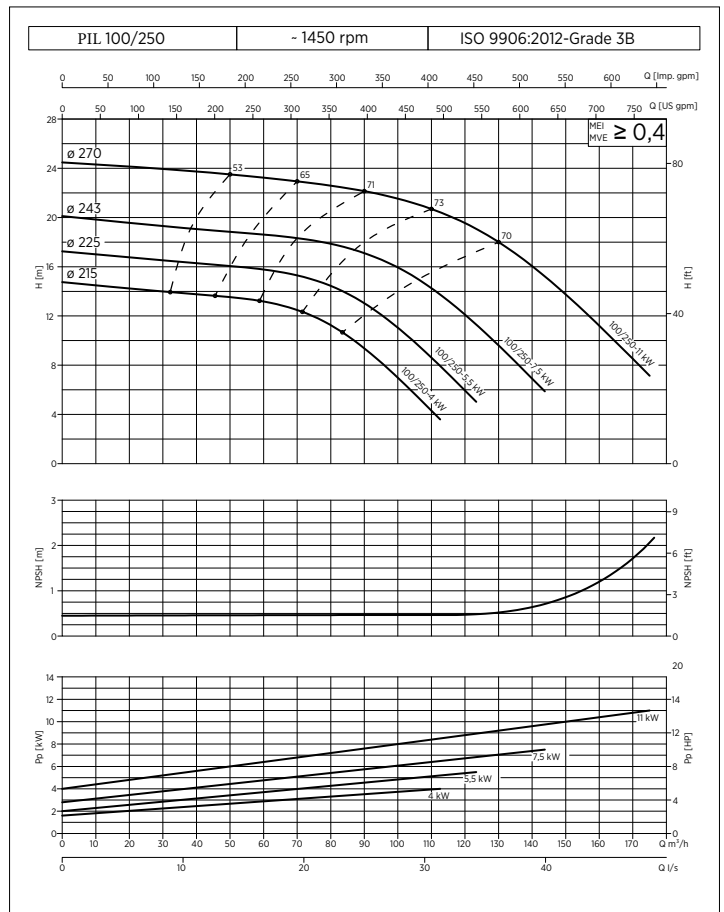
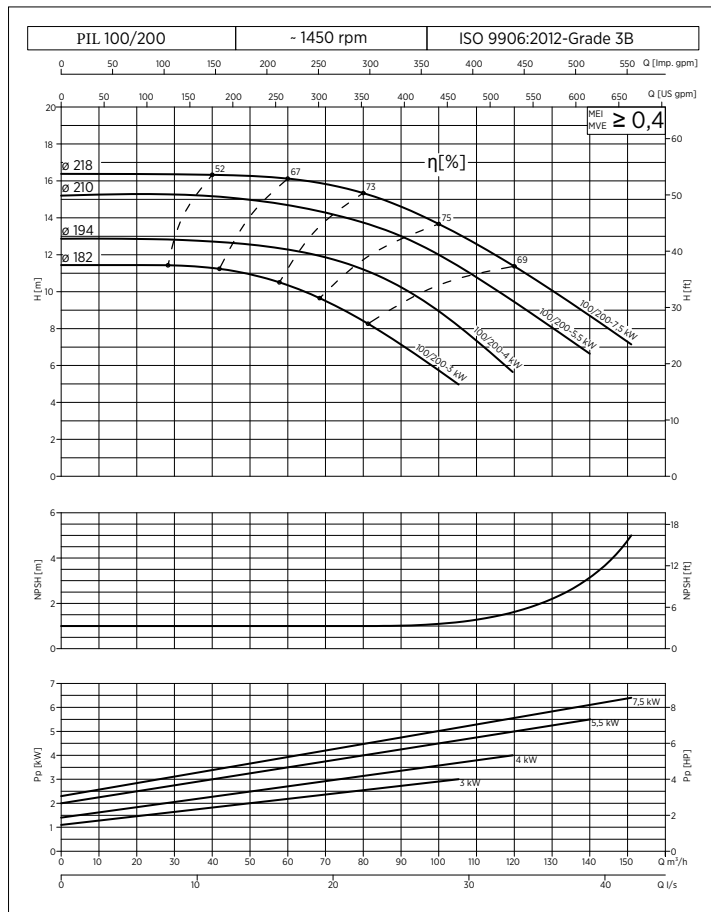
PIL 4 SERIES HYDRAULIC PERFORMANCE CURVES



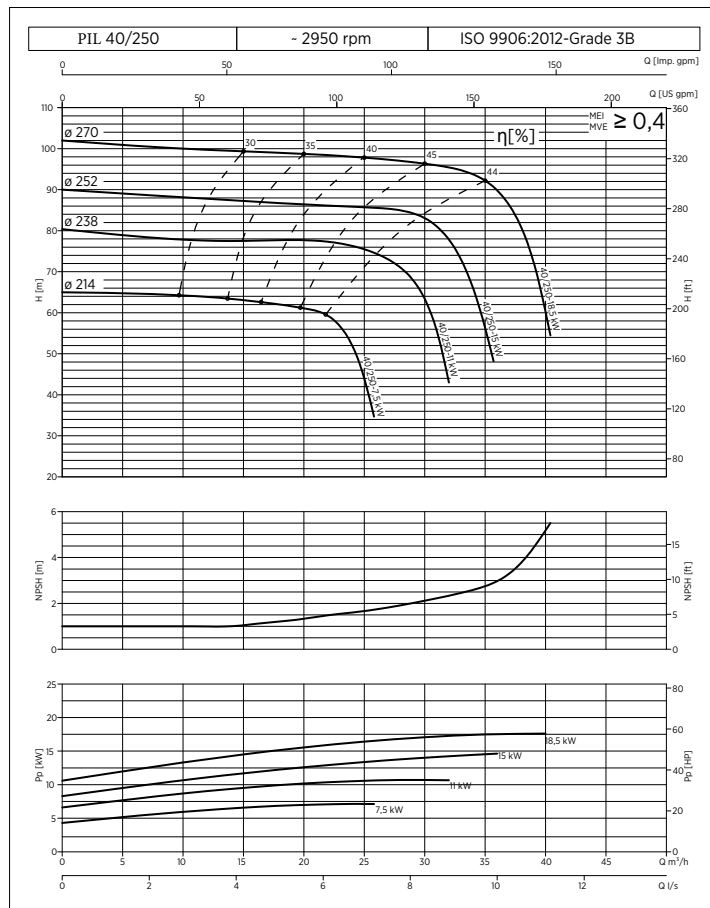
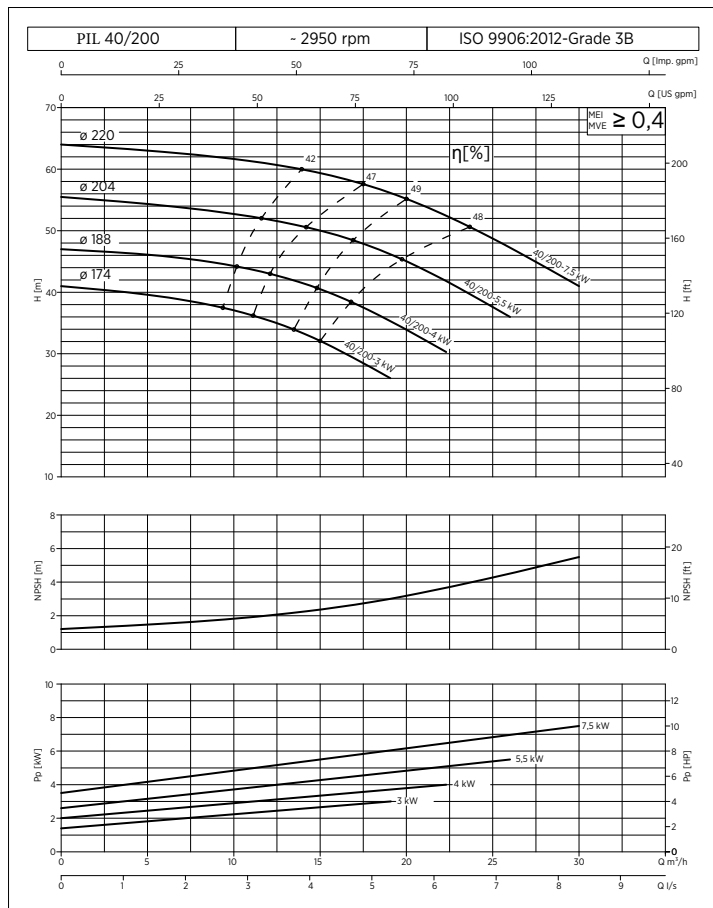
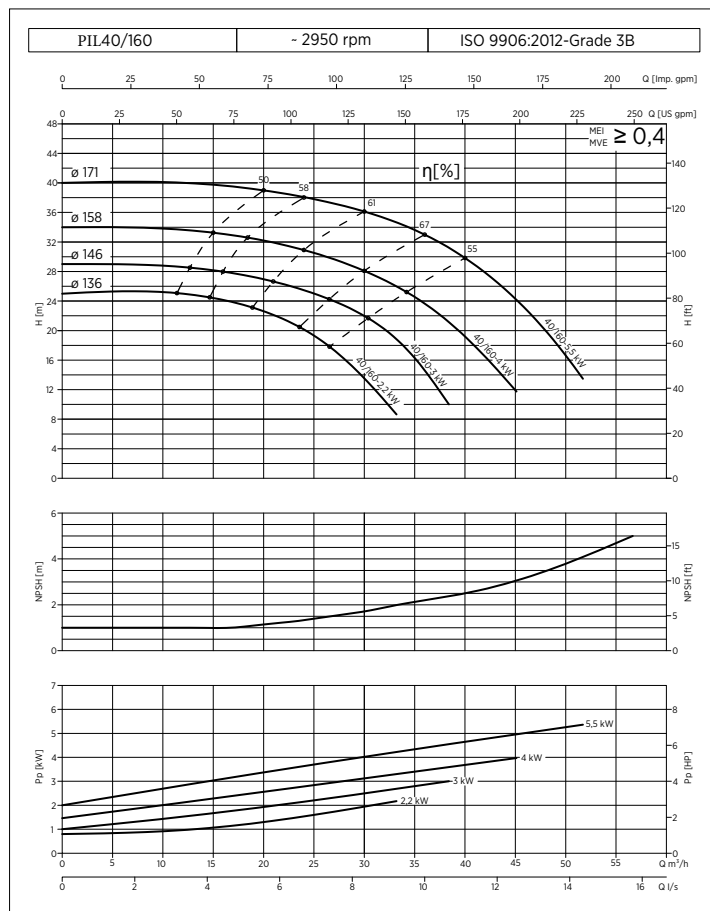
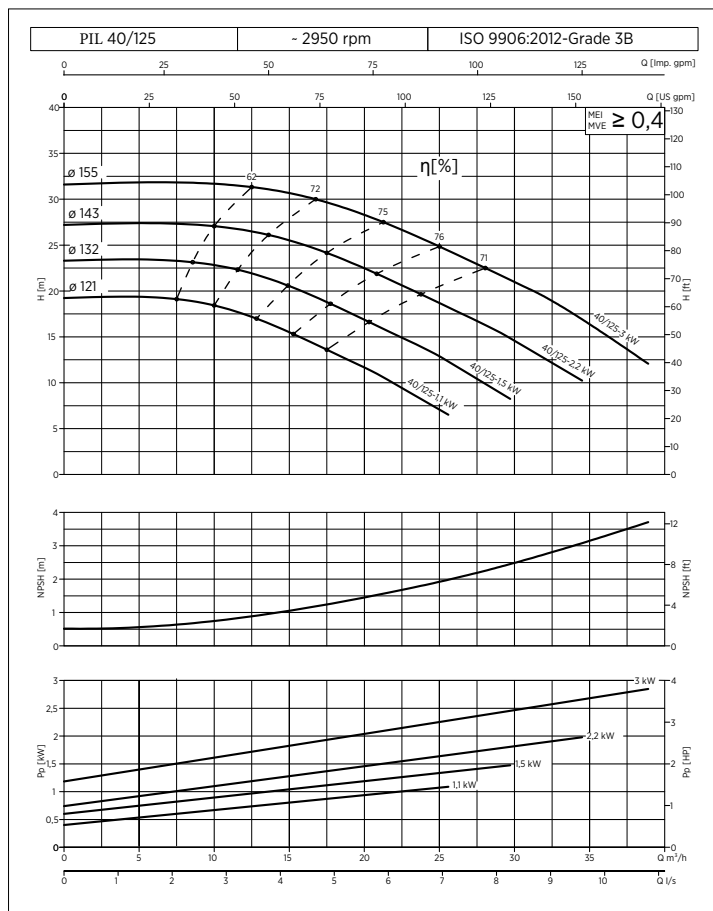
PIL 4 SERIES HYDRAULIC PERFORMANCE CURVES



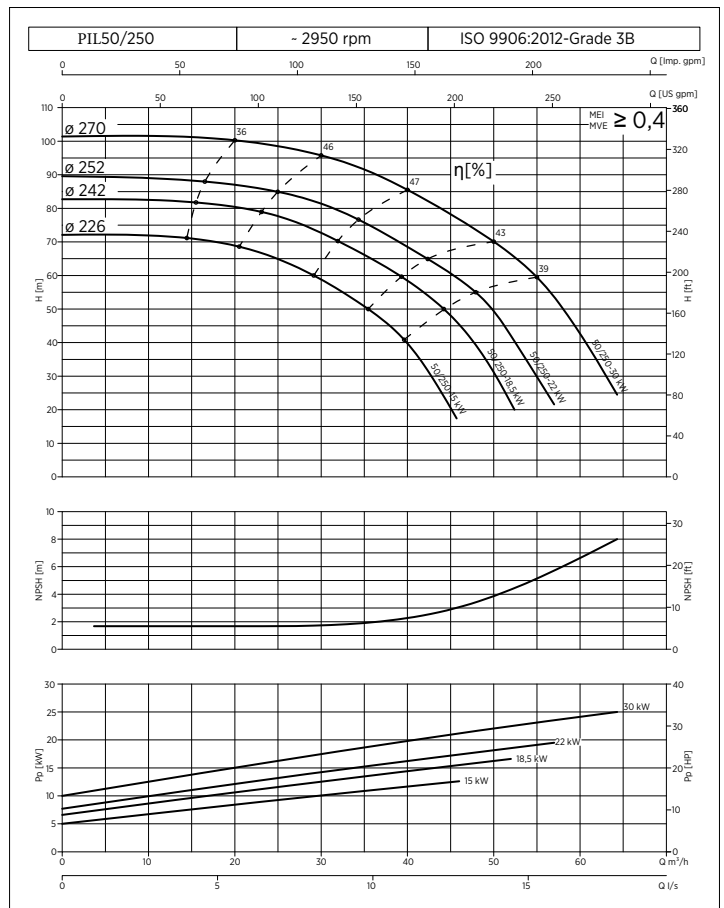
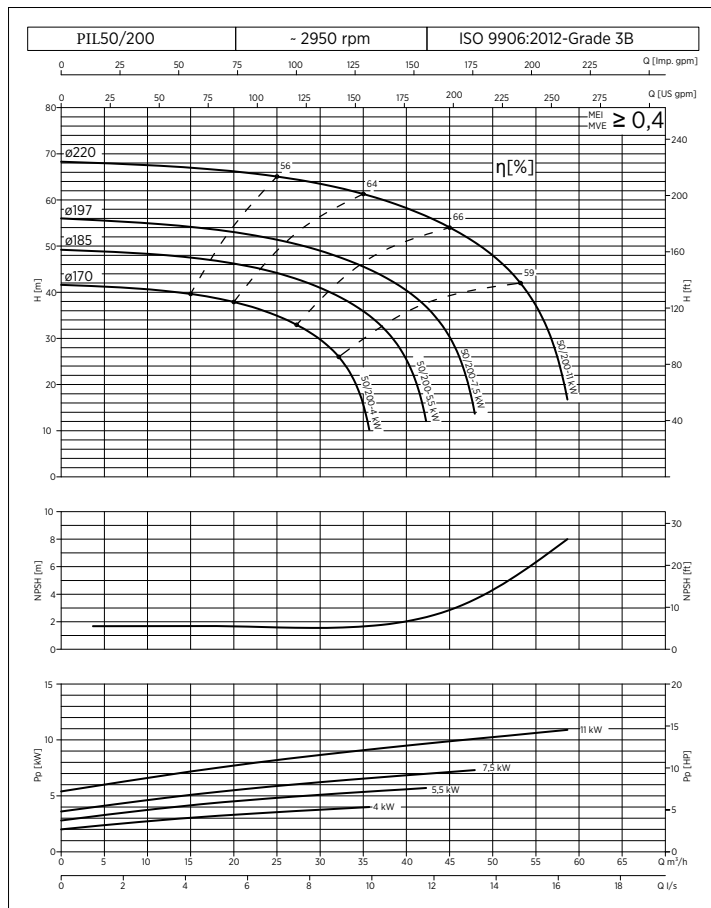
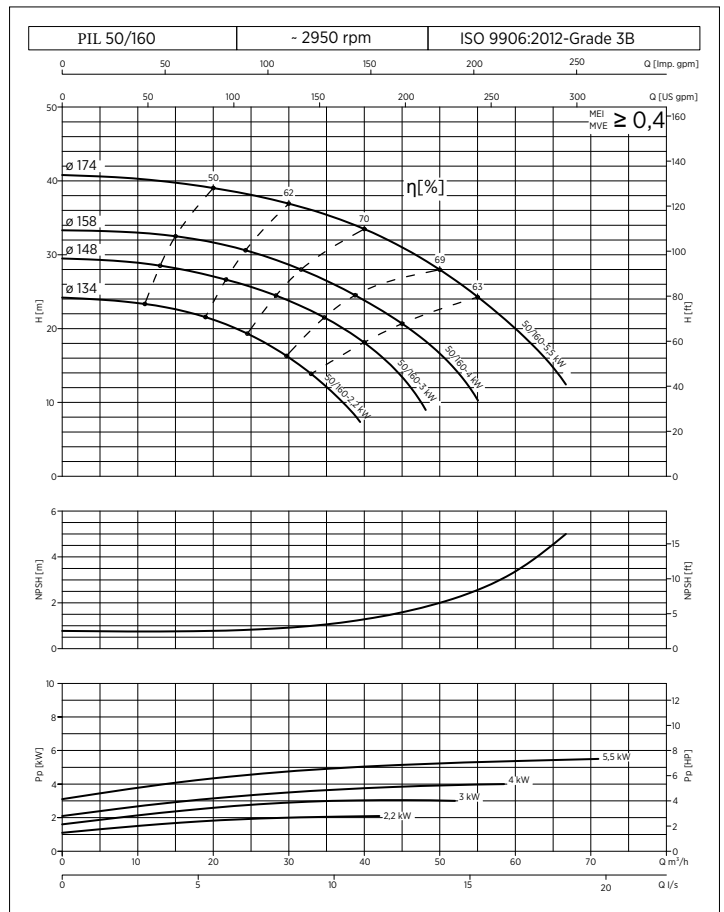
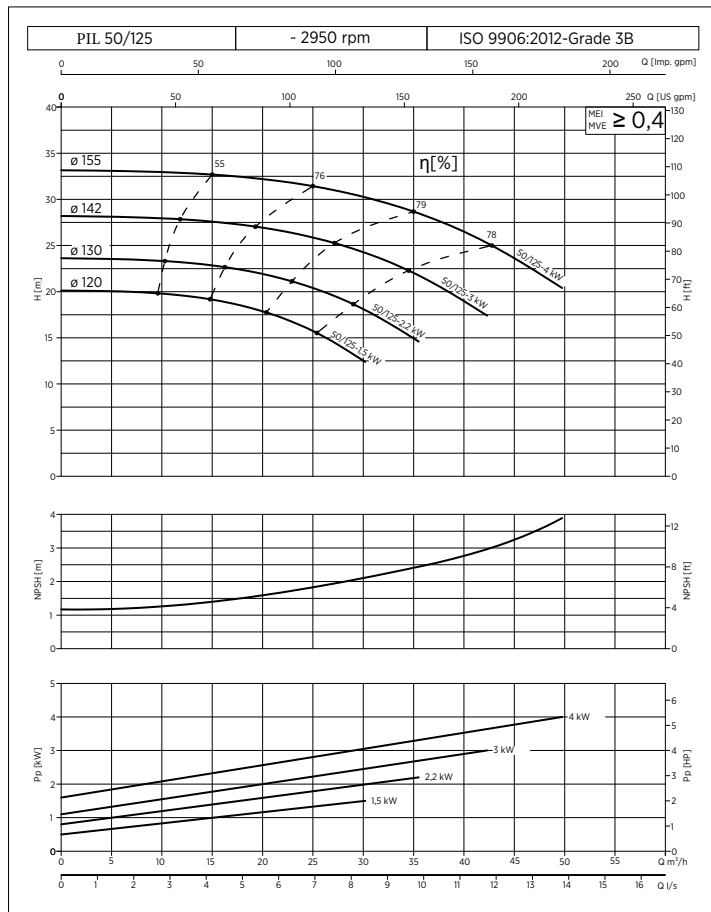
PIL 4 SERIES HYDRAULIC PERFORMANCE CURVES



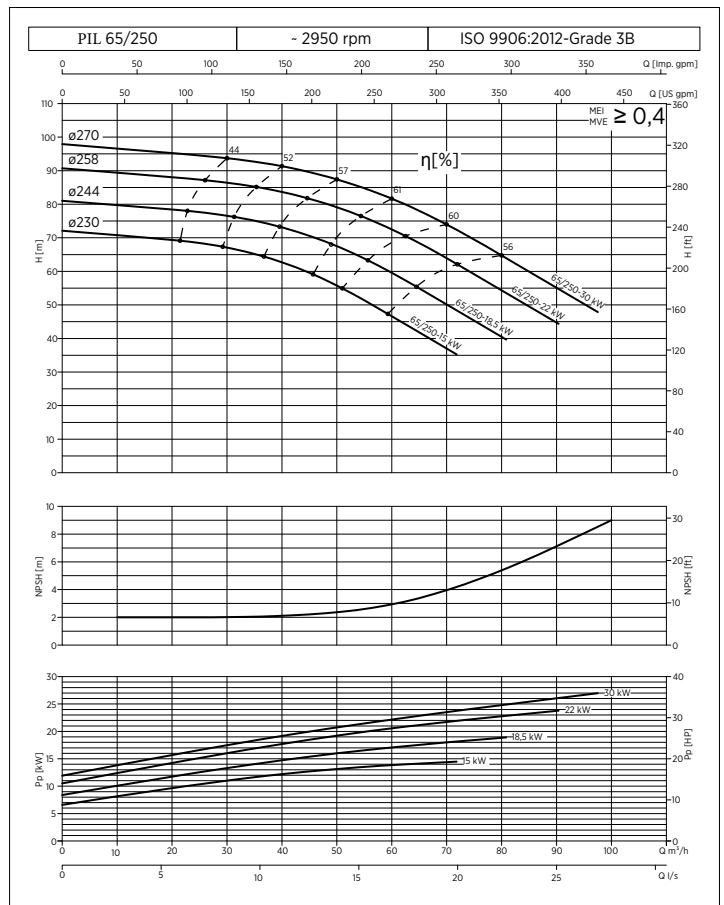
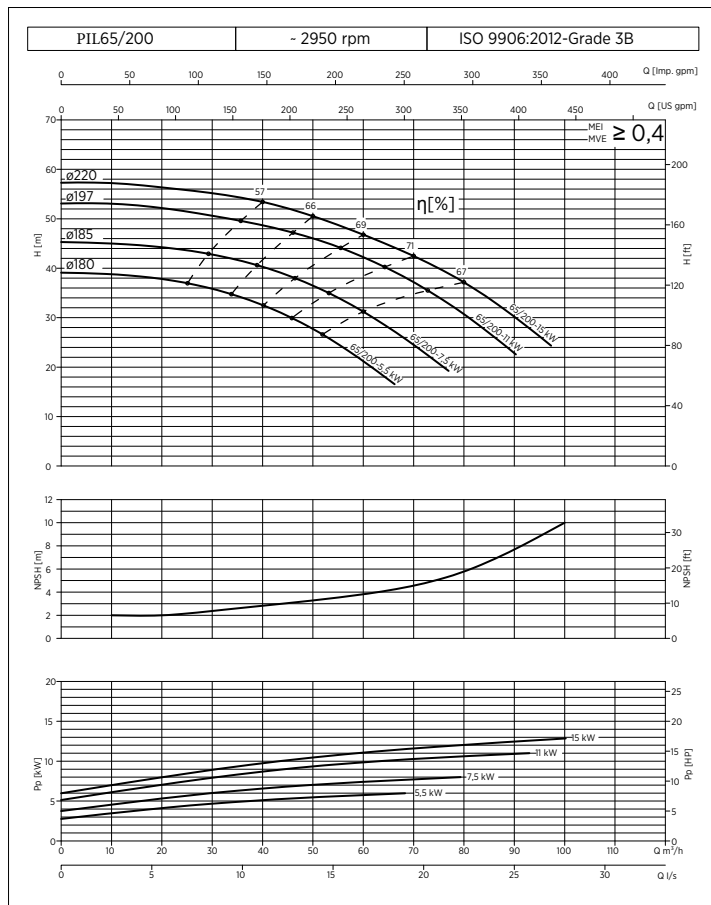
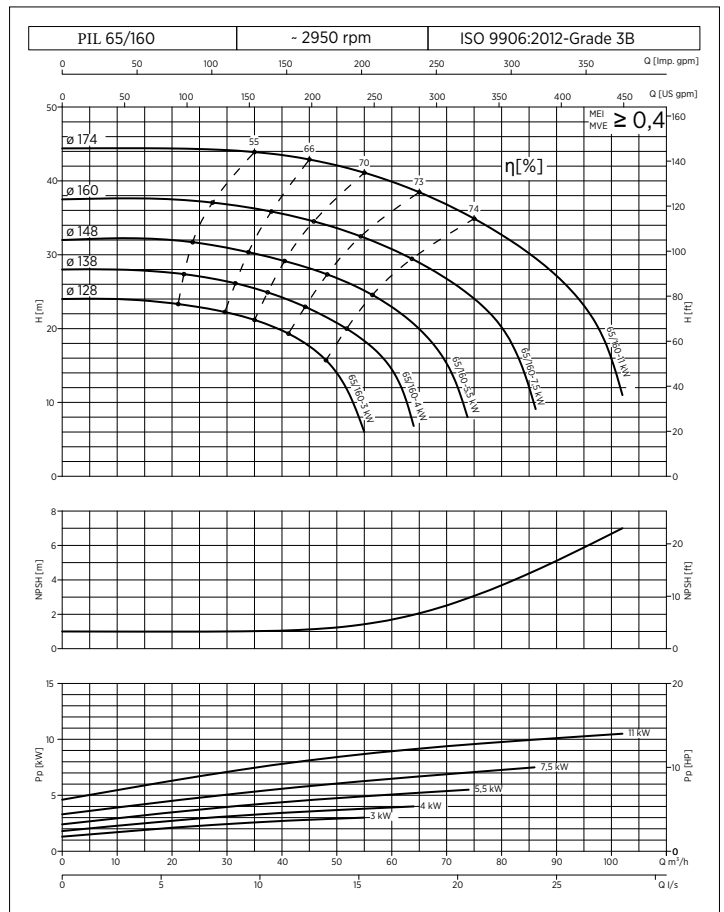
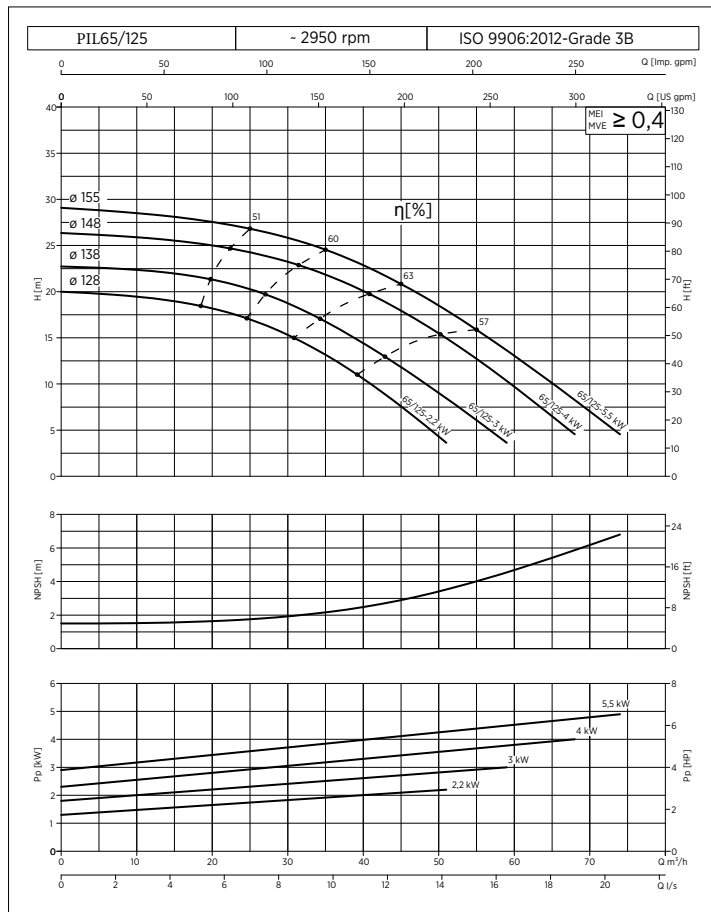
PIL SERIES HYDRAULIC PERFORMANCE CURVES



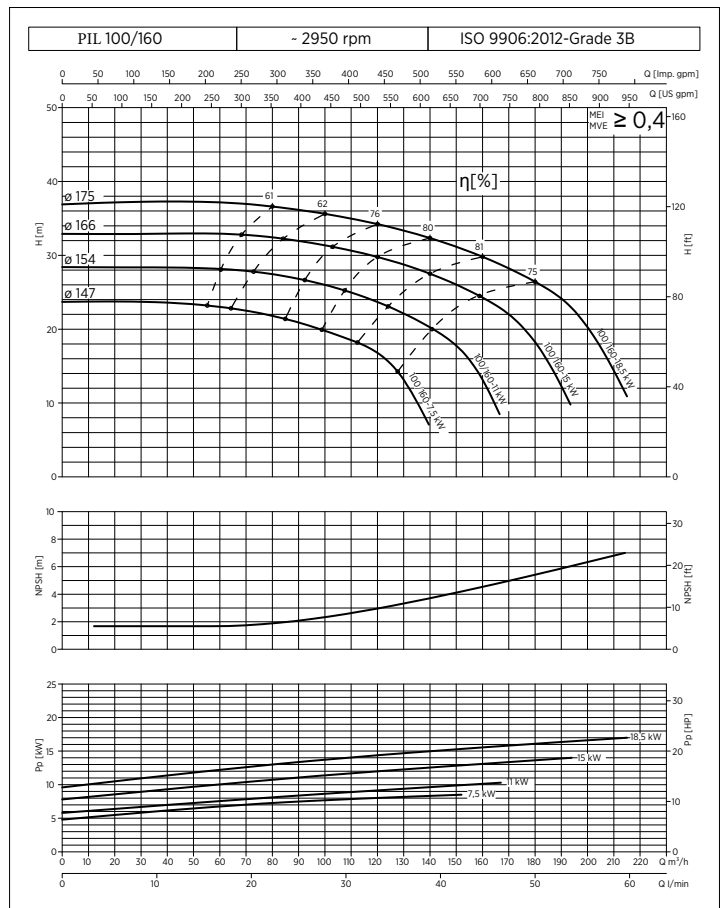
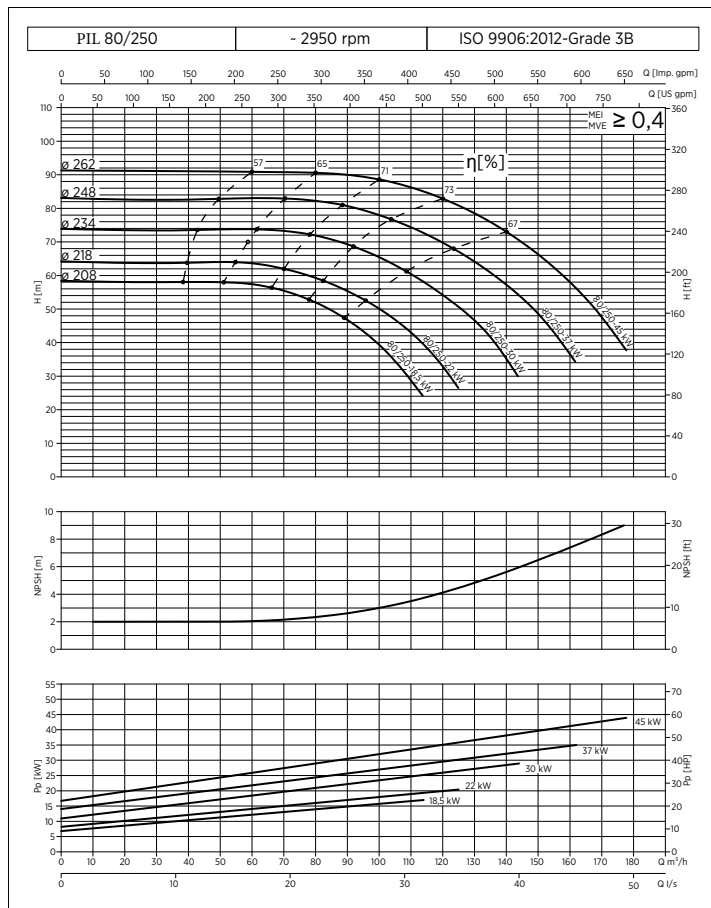
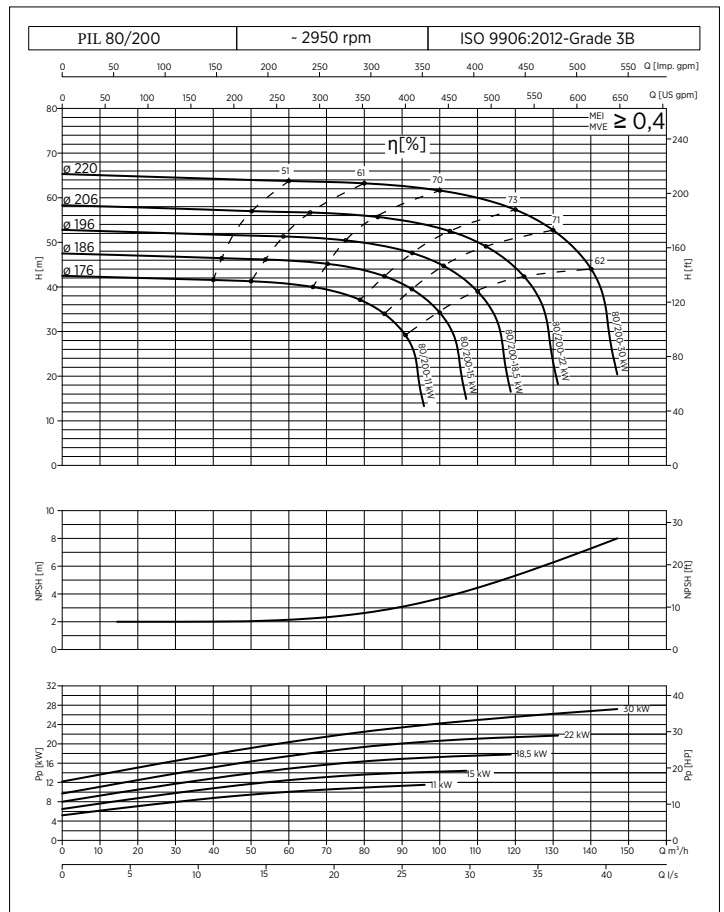
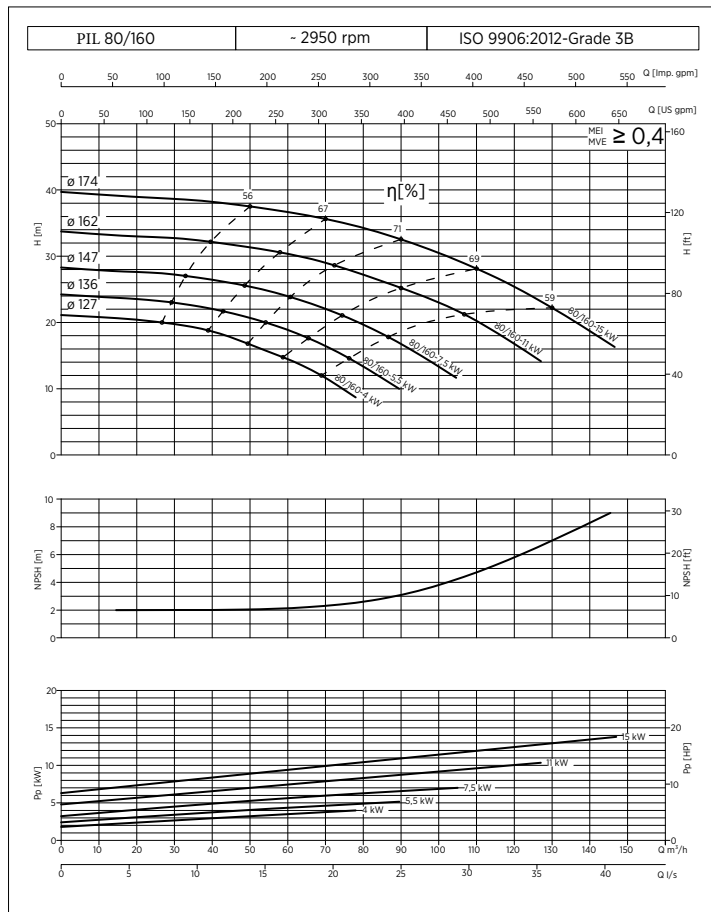
PIL SERIES HYDRAULIC PERFORMANCE CURVES



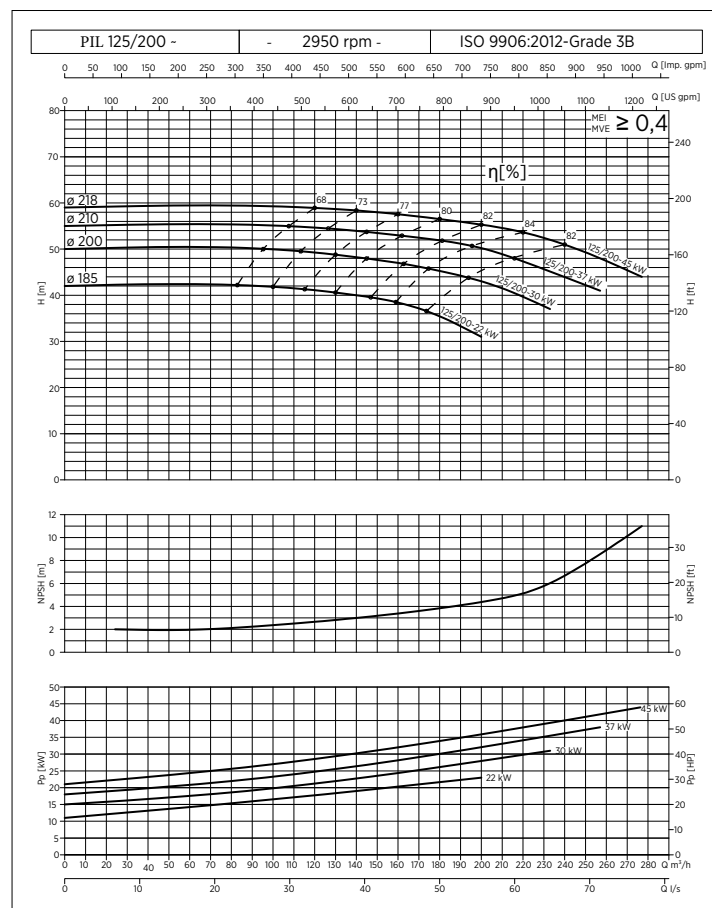
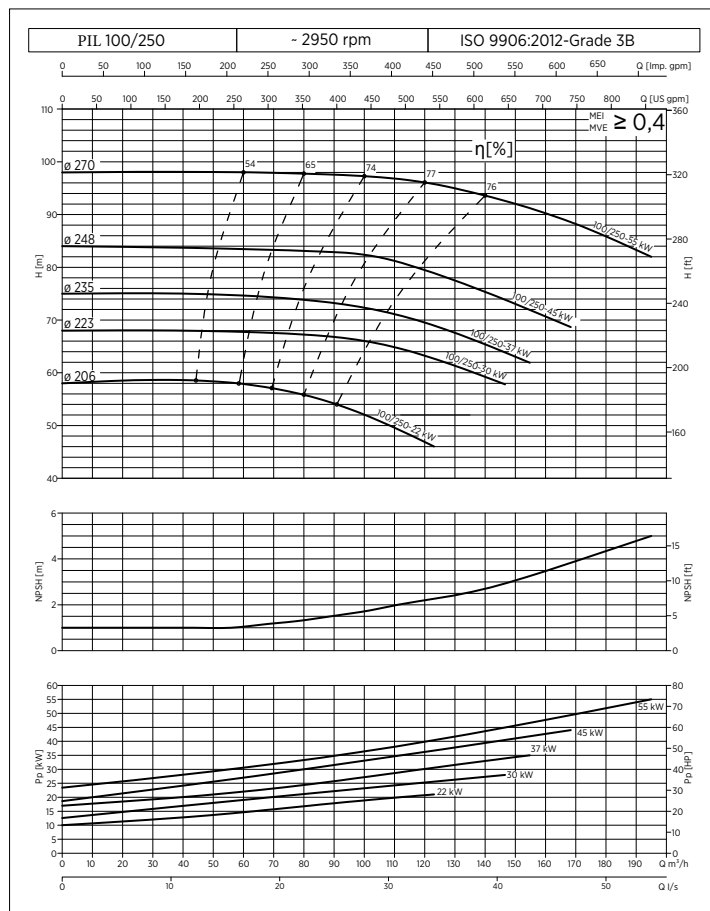
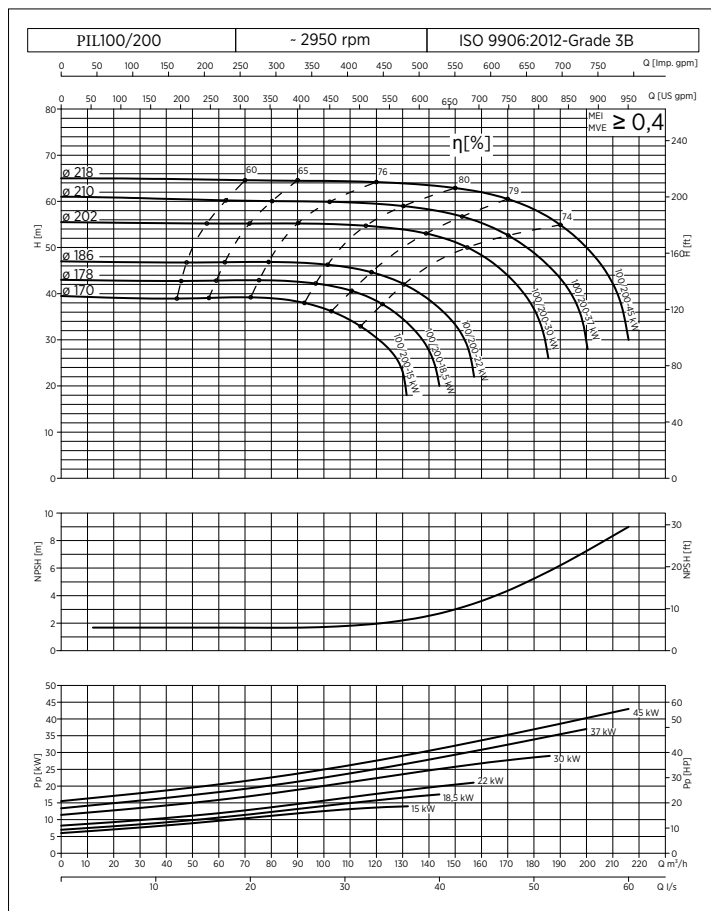
PIL SERIES HYDRAULIC PERFORMANCE CURVES



PIL SERIES HYDRAULIC PERFORMANCE CURVES

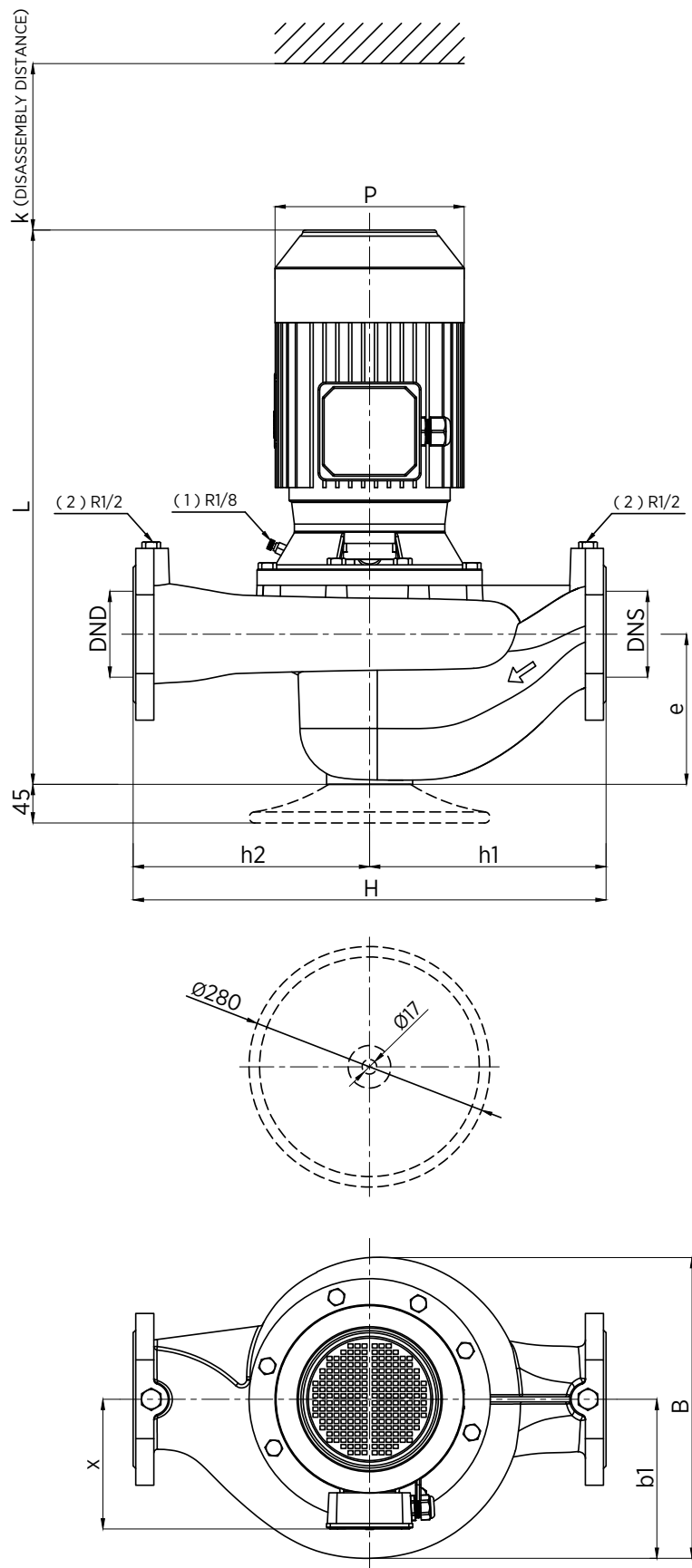


PIL SERIES HYDRAULIC PERFORMANCE CURVES



PIL-PIL4-PIL6 SERIES

DIMENSIONS AND WEIGHTS



DN	D	M	G	HOLE		Max. Thickness
				N°	Ø	
40	150	110	88	4	18	18
50	165	125	102	4	18	20
65	185	145	122	4	18	20
80	200	160	138	8	18	22
100	220	180	158	8	18	22
125	250	210	188	8	18	22

- (1) R 1/8 AIR DISCHARGE VALVE
- (2) R 3/8 PRESSURE GAUGE CONNECTION

PIL 6 100, 125 SERIES DIMENSIONS AND WEIGHTS (6 POLES MOTOR (975 rpm

PUMP MODEL PIL 4		DIMENSIONS (mm)											WEIGHT kg								
		DND	DNS	e	h1	h2	Hmax	B	b1	L	P	k		x							
PIL	100-250/15	100	100	200	320	280	600	390	210	605	175	125	126	97							
PIL	100-250/22																			98	
PIL	100-250/30																				100
PIL	100-250/40																				103
PIL	125-250/22	125	125	210	350	300	650	440	235	617	175	130	126	134							
PIL	125-250/30*																			137	
PIL	125-250/40																				140
PIL	125-250/55*																				143

PIL 4 40, 50, 65, 80, 100, 125 SERIES DIMENSIONS AND WEIGHTS 4 POLES MOTOR (1450 rpm)

PUMP MODEL PIL 4		DIMENSIONS (mm)												WEIGHT kg												
		DND	DNS	e	h1	h2	Hmax	B	b1	L	P	k	x													
PIL 4	40-125/02	40	40	105	160	140	300	215	115	410	140	100	110	30												
PIL 4	40-125/03													32												
PIL 4	40-125/05*													32												
PIL 4	40-160/03			85	160	160	320	245	130	390	155		120	32												
PIL 4	40-160/05*													32												
PIL 4	40-160/07													36												
PIL 4	40-200/07			100	190	190	380	270	135	485	175		130	41												
PIL 4	40-200/11													44												
PIL 4	40-200/15									47																
PIL 4	40-250/11			105	215	225	440	325	170	510	195		135	59												
PIL 4	40-250/15													62												
PIL 4	40-250/22*									64																
PIL 4	40-250/30			575	195	72																				
PIL 4	50-125/02	50	50	110	170	150	320	230	125	420	140	120	110	32												
PIL 4	50-125/03													35												
PIL 4	50-125/05*													33												
PIL 4	50-160/03			100	180	180	360	260	125	405	155		120	38												
PIL 4	50-160/05*													36												
PIL 4	50-160/07													41												
PIL 4	50-160/11*			110	200	200	400	280	145	500	175		130	44												
PIL 4	50-200/07													44												
PIL 4	50-200/11									47																
PIL 4	50-200/15			125	215	225	440	325	165	515	195		135	50												
PIL 4	50-200/22*													52												
PIL 4	50-250/11									57																
PIL 4	50-250/15			125	215	225	440	325	165	580	175		135	60												
PIL 4	50-250/22*													62												
PIL 4	50-250/30									70																
PIL 4	65-125/03			65	65	135	180	160	340	230	130		440	140	130	110	37									
PIL 4	65-125/05*																35									
PIL 4	65-125/07																115	200	200	400	275	145	520	175	120	40
PIL 4	65-160/05*	420	140			110	39																			
PIL 4	65-160/07	500	155			120	44																			
PIL 4	65-160/11	110	230			230	460	310	165	520	195	130	47													
PIL 4	65-160/15												520	175		130	50									
PIL 4	65-200/07									500			155	120		49										
PIL 4	65-200/11	140	245			235	480	345	180	520	175	135	52													
PIL 4	65-200/15												55													
PIL 4	65-200/22*									57																
PIL 4	65-250/15	140	245			235	480	345	180	530	195	135	66													
PIL 4	65-250/22*												68													
PIL 4	65-250/30									76																
PIL 4	65-250/40	600	195			82																				
PIL 4	80-160/07	80	80			150	220	220	440	285	150	550	155	140		120	51									
PIL 4	80-160/11																140	250	250	500	315	170	570	175	130	54
PIL 4	80-160/15																									57
PIL 4	80-160/22*					150	270	280	550	370	195	550	195			135							59			
PIL 4	80-200/15																59									
PIL 4	80-200/22*											61														
PIL 4	80-200/30			150	270	280	550	370	195	615	260	170	68													
PIL 4	80-200/40												74													
PIL 4	80-250/30									85																
PIL 4	80-250/40			150	270	280	550	370	195	620	260	170	91													
PIL 4	80-250/55*												107													
PIL 4	80-250/75									109																
PIL 4	100-160/11	100	100	155	250	250	500	315	170	580	175	150	130	63												
PIL 4	100-160/15													66												
PIL 4	100-160/22*									68																
PIL 4	100-160/30			185	275	275	550	350	185	645	195		135	75												
PIL 4	100-200/30													89												
PIL 4	100-200/40									96																
PIL 4	100-200/55*			200	320	280	600	390	210	790	260		170	112												
PIL 4	100-200/75													115												
PIL 4	100-250/40									210				300	300	600	380	205	670	195	135	103				
PIL 4	100-250/55*			119																						
PIL 4	100-250/75			210	350	300	650	440	235		795		310						170			121				
PIL 4	100-250/110*									142																
PIL 4	125-200/30	125	125							210	300	300		600	380	205	695	195		180	135	103				
PIL 4	125-200/40			109																						
PIL 4	125-200/55*			125																						
PIL 4	125-200/75			210	350	300	650	440	235	820	260	170	127													
PIL 4	125-250/55*												135	143												
PIL 4	125-250/75									145																
PIL 4	125-250/110*			210	350	300	650	440	235	820	260	170	171													
PIL 4	125-250/150												222													

PIL 2 40, 50, 65, 80, 100, 125 SERIES DIMENSIONS AND WEIGHTS 2 POLES MOTOR (2900 rpm)

PUMP MODEL PIL 4		DIMENSIONS (mm)												WEIGHT kg						
		DND	DNS	e	h1	h2	Hmax	B	b1	L	P	k	x							
PIL 2	40-125/11	40	40	105	160	140	300	215	115	485	155	100	120	33						
PIL 2	40-125/15*									505	175			130	35					
PIL 2	40-125/22														485	195	135	38		
PIL 2	40-125/30*																	555	260	170
PIL 2	40-160/22			505	310	225	40													
PIL 2	40-160/30*						580	390	270	50										
PIL 2	40-160/40*									575	440		325	55						
PIL 2	40-160/55*													700	500	380	59			
PIL 2	40-200/30*			820	550	440											55			
PIL 2	40-200/40*						820	600	500								60			
PIL 2	40-200/55*									820	650		460				64			
PIL 2	40-200/75*													820	700	420	65			
PIL 2	40-250/75*			820	750	380											74			
PIL 2	40-250/110*						820	800	340								106			
PIL 2	40-250/150									820	850		300				133			
PIL 2	40-250/185													820	900	260	153			
PIL 2	50-125/15*	495	175	125	38															
PIL 2	50-125/22				515	195	135	41												
PIL 2	50-125/30*							585	260	165	51									
PIL 2	50-125/40*										605	310	130	56						
PIL 2	50-160/22	500	360	230										45						
PIL 2	50-160/30*				565	400	280							54						
PIL 2	50-160/40*							705	460	240				60						
PIL 2	50-160/55*										820	500	200	63						
PIL 2	50-200/40*	820	550	180										62						
PIL 2	50-200/55*				820	600	145							67						
PIL 2	50-200/75*							820	650	110				70						
PIL 2	50-200/110*										820	700	80	99						
PIL 2	50-250/150	820	750	60										131						
PIL 2	50-250/185				820	800	40							151						
PIL 2	50-250/220*							820	850	30				171						
PIL 2	50-250/300*										820	900	20	226						
PIL 2	65-125/22	135	180	160										340	230	130	175	130	44	
PIL 2	65-125/30*				605	195	135												54	
PIL 2	65-125/40*							520	175	130									175	135
PIL 2	65-125/55*										590	195	130							
PIL 2	65-160/30*	630	260	170										175	135	58				
PIL 2	65-160/40*				585	195	170									175	135	63		
PIL 2	65-160/55*							710	260	170								175	135	66
PIL 2	65-160/75*										830	310	170							175
PIL 2	65-160/110*	840	310	170										175	135					
PIL 2	65-200/55*				900	350	170									175	135			
PIL 2	65-200/75*							840	310	170								175	135	
PIL 2	65-200/110*										840	310	170							175
PIL 2	65-200/150	840	310	170										175	135					
PIL 2	65-250/150				840	310	170									175	135			
PIL 2	65-250/185							840	310	170								175	135	
PIL 2	65-250/220*										840	310	170							175
PIL 2	65-250/300*	840	310	170										175	135					
PIL 2	80-160/40*				150	220	220									440	285			
PIL 2	80-160/55*							700	260	170								175	135	
PIL 2	80-160/75*										895	310	170							175
PIL 2	80-160/110*	740	260	170										175	135					
PIL 2	80-160/150				855	310	170									175	135			
PIL 2	80-200/110*							915	350	170								175	135	
PIL 2	80-200/150										860	310	170							175
PIL 2	80-200/185	950	350	170										175	135					
PIL 2	80-200/220*				1010	390	170									175	135			
PIL 2	80-200/300*							915	310	170								175	135	
PIL 2	80-250/185										950	350	170							175
PIL 2	80-250/220*	1010	390	170										175	135					
PIL 2	80-250/300*				915	310	170									175	135			
PIL 2	80-250/370							975	350	170								175	135	
PIL 2	80-250/450*										1060	390	170							175
PIL 2	100-160/75*	940	310	170										175	135					
PIL 2	100-160/110*				1050	350	170									175	135			
PIL 2	100-160/150							1090	390	170								175	135	
PIL 2	100-160/185										915	310	170							175
PIL 2	100-200/150	975	350	170										175	135					
PIL 2	100-200/185				1060	390	170									175	135			
PIL 2	100-200/220*							940	310	170								175	135	
PIL 2	100-200/300*										1050	350	170							175
PIL 2	100-200/370	1090	390	170										175	135					
PIL 2	100-200/450*				915	310	170									175	135			
PIL 2	100-250/220*							975	350	170								175	135	
PIL 2	100-250/300*										1060	390	170							175
PIL 2	100-250/370	940	310	170										175	135					
PIL 2	100-250/450*				1050	350	170									175	135			
PIL 2	125-200/220*							1090	390	170								175	135	
PIL 2	125-200/300*										940	310	170							175
PIL 2	125-200/370	1050	350	170										175	135					
PIL 2	125-200/450*				1090	390	170									175	135			

NOTE

[illegible]

