

Submerged centrifugal pumpset
50 Hz





Photographs of a few Manufacturing Units

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2 pole

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Technical data/

Performance curves & Data

2 pole

Type key

3 The example shows a LHM 32-160, 50 Hz pump with a maximum impeller diameter, with cast iron casing & cast iron impeller.

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LHM

Example LHM 32 -160 2 A A

Type range

LHM = Horizontal pump series

LVM = Vertical pump series

Nominal diameter of discharge port (DN)

Nominal impeller diameter (mm)

Code for motor speed n [min⁻¹]

2 = 2900 min⁻¹

Code for Impeller Diameter

A = Full diameter performance

B = Diameter 1 performance

C = Diameter 2 performance

D = Diameter 3 performance

E = Diameter 4 performance

Code for materials

A = Cast iron pump housing with cast iron impeller*

B = Cast iron pump housing with bronze impeller

C = Cast iron pump housing with CF-8 impeller

E = Bronze pump housing with bronze impeller

F = CF-8 pump housing with CF-8 impeller

G = CF-8M pump housing with CF-8M impeller

* Standard construction.

Product data

Submerged centrifugal pumpset

LHM & LVM

Introduction

LHM are horizontal, single-stage, submerged centrifugal pumps, whereas LVM are vertical, single-stage, submerged centrifugal pumps.

LHM have axial suction and radial discharge port whereas LVM have vertical discharge port.

These pumps have the discharge range up to 270 m³/hr and head range up to 95 metres. Motor ratings are 2.2 to 22.0 kW for three phase power supply.

These pumps are fitted with stainless steel jacket rewindable water filled submersible motor.

These pumps are offered with a mechanical shaft seal to prevent ingress of pumped liquid inside the motor.

The motors are prefilled at factory with water mixture which is non toxic.

Standard flanges for suction & discharge ports will be PN 16 as per DIN standard EN 1092-2.

Applications

- Industrial cooling water application.
- Industrial washing & cleaning systems.
- Fire fighting application.
- Domestic water supply systems.
- Water supply in commercial buildings, apartments, complexes, hotels, hospitals, schools, bungalows, etc.
- Sprinkler systems
- Gardens, farms & fountains.
- Dewatering applications.

Features & benefits

Following are the main features and benefits offered by the monoset pumps.

- Compact design
- Designed for submerged condition water applications.
- No suction and priming problem.
- Non overloading power characteristics which ensures no possibility of burning of motor due to overloading.
- Easy and simple installation.
- Foundation is not required.
- Sturdy construction.
- Stainless steel motor body & stainless steel shaft.
- Fitted with mechanical shaft seal.
- Dynamically balanced impellers to grade 6.3 of ISO 1940.
- LVM pumps are also available with guide rail system, which allows automatic remote connection & disconnection without entering the pit.

Operating conditions

Flow range	: Up to 270 m ³ /h
Head range	: Up to 95 metres
Ambient temperature	: Max. +50°C
Liquid temperature range:	0°C to +50°C

Motor

Type	: Submersible rewindable motor
Ratings	: 3 phase - 2.2 to 22.0 kW
Rated speed	: 2900 rpm
Enclosure class	: IP 68
Standard voltages (Tolerance +5% / -15%)	: 3 phase, 380-415 V
Supply frequency	: 50 Hz
Duty / Rating	: S1 / Continuous
Direction of rotation	: Clockwise as seen from the motor rear end.

Pumped liquids

These pumps are generally suitable for clear water or slightly dirty water without solids or fibers. They can also be used with aggressive liquids when the material of construction selected is compatible to the liquid being pumped.

Typical installation - LVM

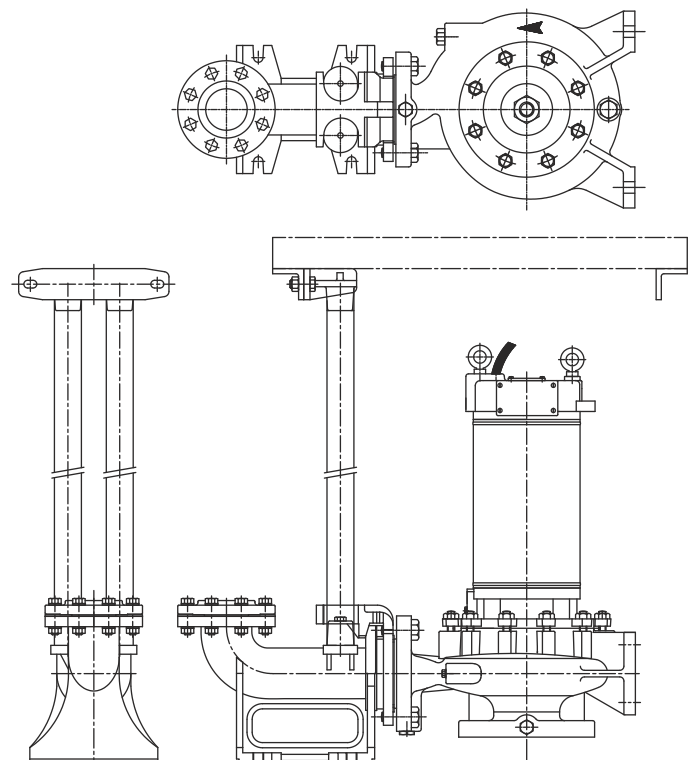
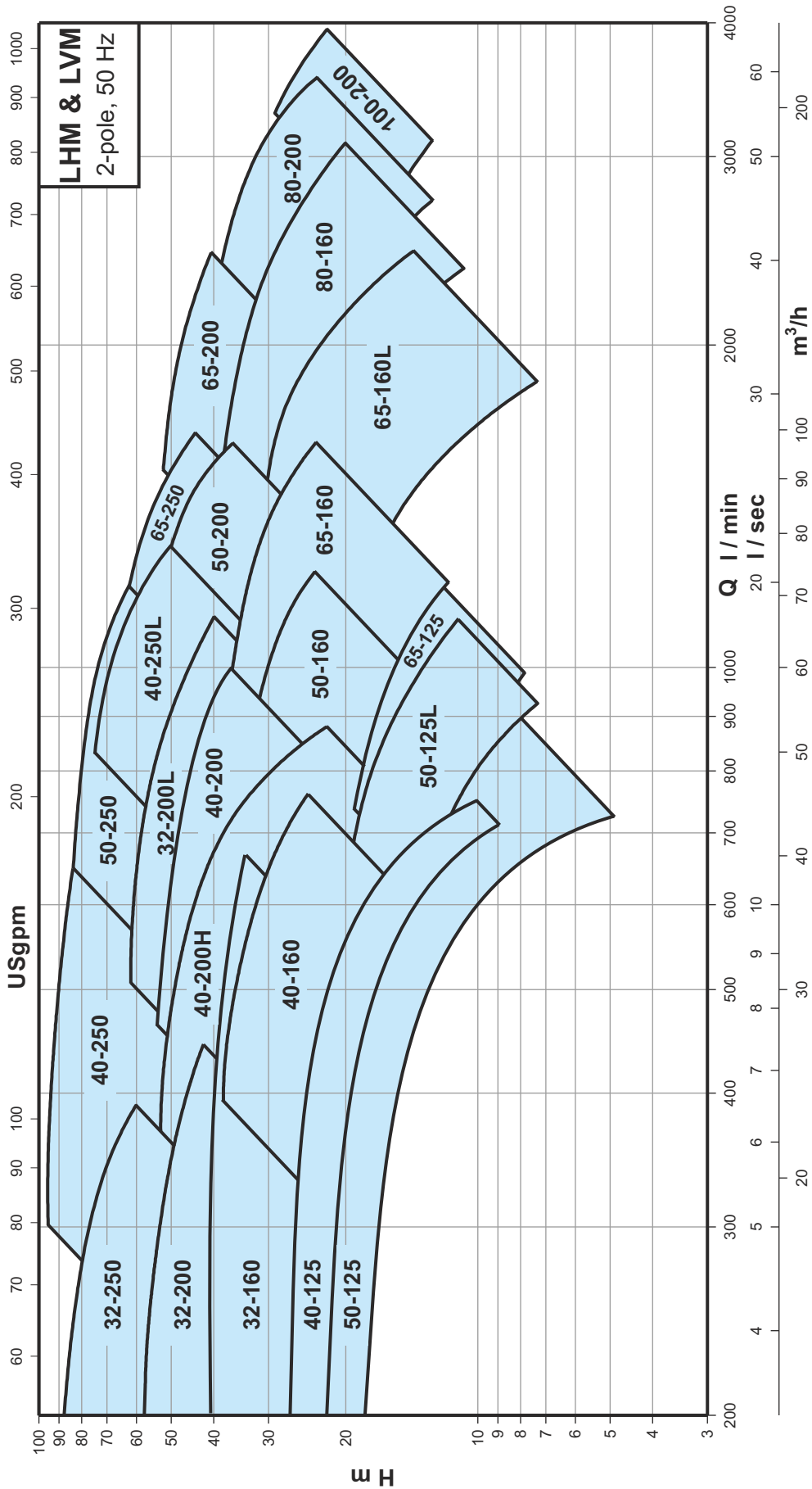


Fig. 1 LVM - pump on auto-coupling guide rail system

Performance range

Submerged centrifugal pumpset

LHM & LVM



Construction

Submerged centrifugal pumpset

LHM

Sectional drawing

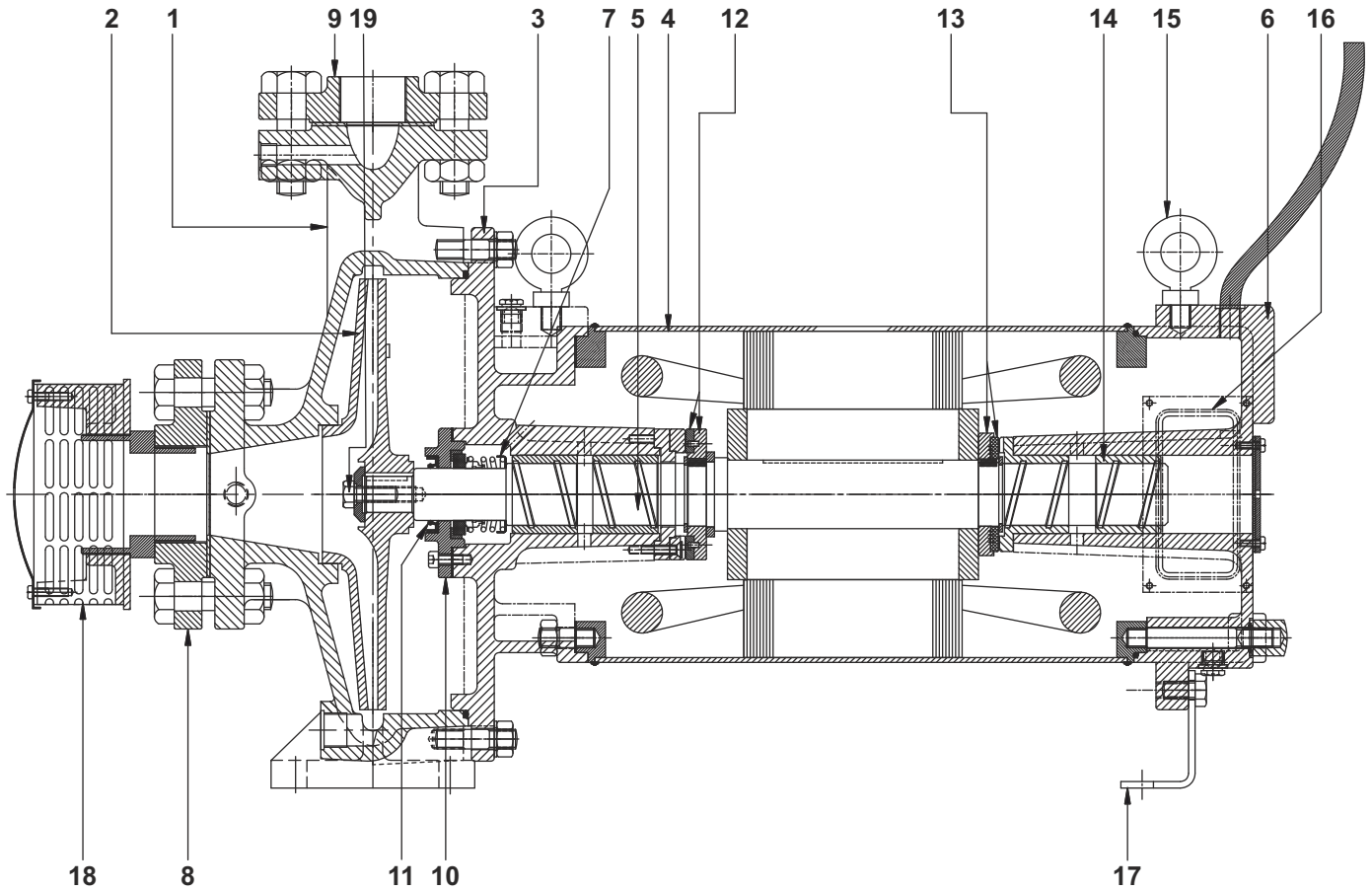


Fig. 2 LHM - Horizontal pump (3 to 10 hp)

Materials

Pos.	Component	A-version	B-version	C-version	E-version	F-version	G-version
1	Volute casing	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
2	Impeller	Cast iron	Bronze	CF-8	Bronze	CF-8	CF-8M
3	Adaptor	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
4	Stator body	S.S.202	S.S.202	S.S.202	S.S.304	S.S.304	S.S.316
5	Pump shaft	S.S.410	S.S.410	S.S.410	S.S.304	S.S.304	S.S.316
6	Lower bearing housing	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
7	Mechanical shaft seal	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic
8	Suction flange	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
9	Delivery flange	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
10	Seal cover	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
11	Oil seal	NBR	NBR	NBR	NBR	NBR	NBR
12	Front bearing	Carbon/S.S	Carbon/S.S	Carbon/S.S	Carbon/S.S	Carbon/S.S	Carbon/S.S
13	Rear bearing	Fibre/Bronze	Fibre/Bronze	Fibre/Bronze	Fibre/Bronze	Fibre/Bronze	Fibre/Bronze
14	Bush	Bronze	Bronze	Bronze	Bronze	Bronze	Bronze
15	Lifting bolt	Carbon steel	Carbon steel	Carbon steel	S.S.304	S.S.304	S.S.316
16	Diaphragm	NBR	NBR	NBR	NBR	NBR	NBR
17	Foot	Carbon steel	Carbon steel	Carbon steel	Bronze	S.S.304	S.S.316
18	Strainer	Stainless steel	Stainless steel	Stainless steel	S.S.304	S.S.304	S.S.316
19	Impeller nut	S.S.410	S.S.410	S.S.410	S.S.304	S.S.304	S.S.316

Construction

Submerged centrifugal pumpset

LHM

Sectional drawing

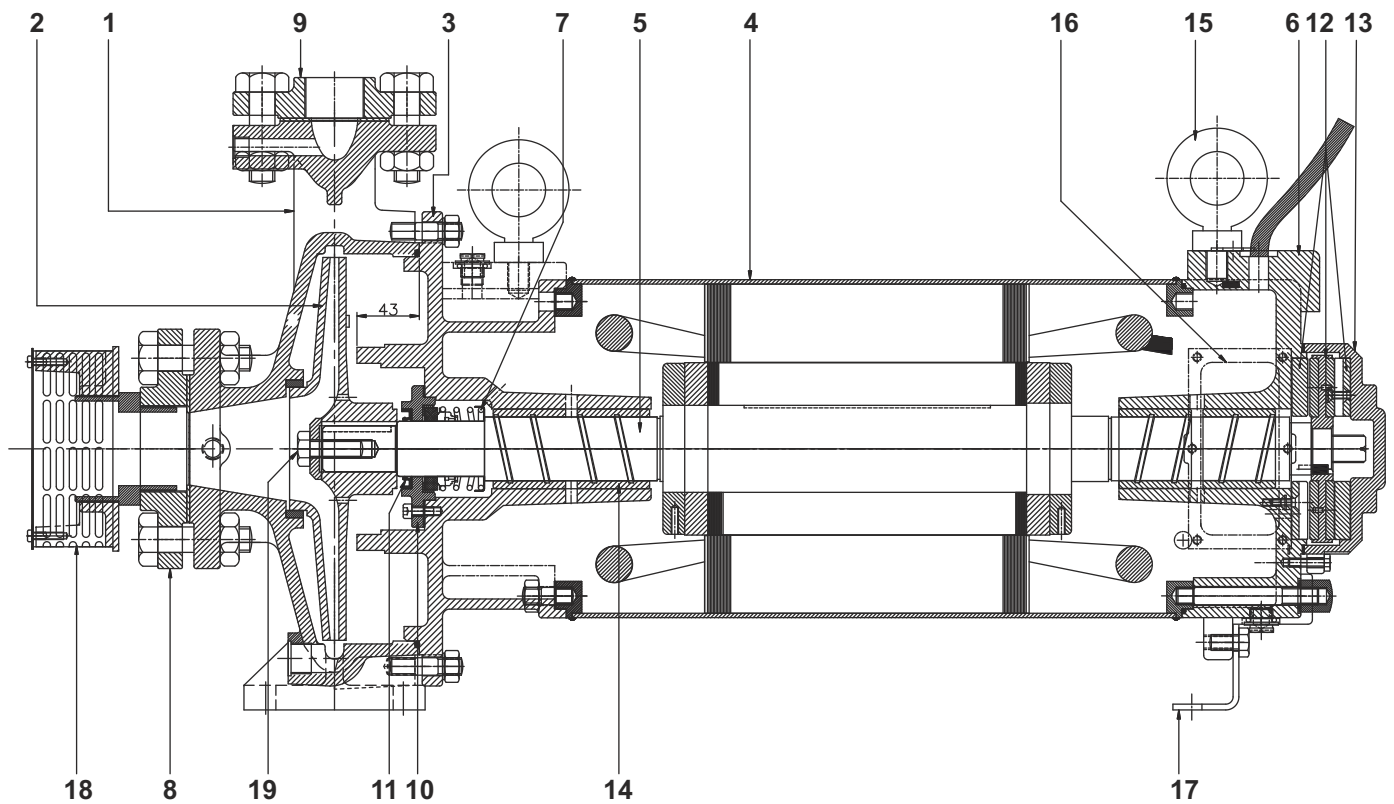


Fig. 3 LHM - Horizontal pump (15 to 30 hp)

Materials

Pos.	Component	A-version	B-version	C-version	E-version	F-version	G-version
1	Volute casing	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
2	Impeller	Cast iron	Bronze	CF-8	Bronze	CF-8	CF-8M
3	Adaptor	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
4	Stator body	S.S.202	S.S.202	S.S.202	S.S.304	S.S.304	S.S.316
5	Pump shaft	S.S.410	S.S.410	S.S.410	S.S.304	S.S.304	S.S.316
6	Lower bearing housing	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
7	Mechanical shaft seal	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic
8	Suction flange	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
9	Delivery flange	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
10	Seal cover	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
11	Oil seal	NBR	NBR	NBR	NBR	NBR	NBR
12	Front bearing	Carbon/S.S	Carbon/S.S	Carbon/S.S	Carbon/S.S	Carbon/S.S	Carbon/S.S
13	Rear bearing	Fibre/Bronze	Fibre/Bronze	Fibre/Bronze	Fibre/Bronze	Fibre/Bronze	Fibre/Bronze
14	Bush	Bronze	Bronze	Bronze	Bronze	Bronze	Bronze
15	Lifting bolt	Carbon steel	Carbon steel	Carbon steel	S.S.304	S.S.304	S.S.316
16	Diaphragm	NBR	NBR	NBR	NBR	NBR	NBR
17	Foot	Carbon steel	Carbon steel	Carbon steel	Bronze	S.S.304	S.S.316
18	Strainer	Stainless steel	Stainless steel	Stainless steel	S.S.304	S.S.304	S.S.316
19	Impeller nut	S.S.410	S.S.410	S.S.410	S.S.304	S.S.304	S.S.316

Construction

Submerged centrifugal pumpset

LVM

Sectional drawing

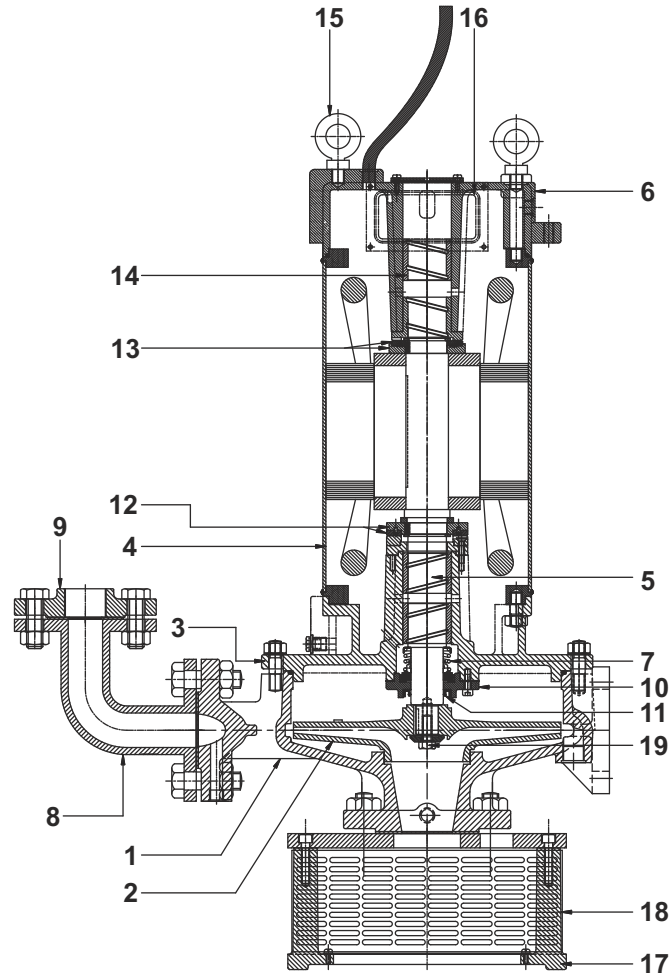


Fig. 4 LVM - Vertical pump (3 to 10 hp)

Materials

Pos.	Component	A-version	B-version	C-version	E-version	F-version	G-version
1	Volute casing	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
2	Impeller	Cast iron	Bronze	CF-8	Bronze	CF-8	CF-8M
3	Adaptor	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
4	Stator body	S.S.202	S.S.202	S.S.202	S.S.304	S.S.304	S.S.316
5	Pump shaft	S.S.410	S.S.410	S.S.410	S.S.304	S.S.304	S.S.316
6	Lower bearing housing	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
7	Mechanical shaft seal	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic
8	Delivery flange elbow	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
9	Delivery flange	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
10	Seal cover	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
11	Oil seal	NBR	NBR	NBR	NBR	NBR	NBR
12	Front bearing	Carbon/S.S	Carbon/S.S	Carbon/S.S	Carbon/S.S	Carbon/S.S	Carbon/S.S
13	Rear bearing	Fibre/Bronze	Fibre/Bronze	Fibre/Bronze	Fibre/Bronze	Fibre/Bronze	Fibre/Bronze
14	Bush	Bronze	Bronze	Bronze	Bronze	Bronze	Bronze
15	Lifting bolt	Carbon steel	Carbon steel	Carbon steel	S.S.304	S.S.304	S.S.316
16	Diaphragm	NBR	NBR	NBR	NBR	NBR	NBR
17	Base	Cast iron	Cast iron	Cast iron	Bronze	S.S.304	S.S.316
18	Strainer	Stainless steel	Stainless steel	Stainless steel	S.S.304	S.S.304	S.S.316
19	Impeller nut	S.S.410	S.S.410	S.S.410	S.S.304	S.S.304	S.S.316

Construction

Submerged centrifugal pumpset

LVM

Sectional drawing

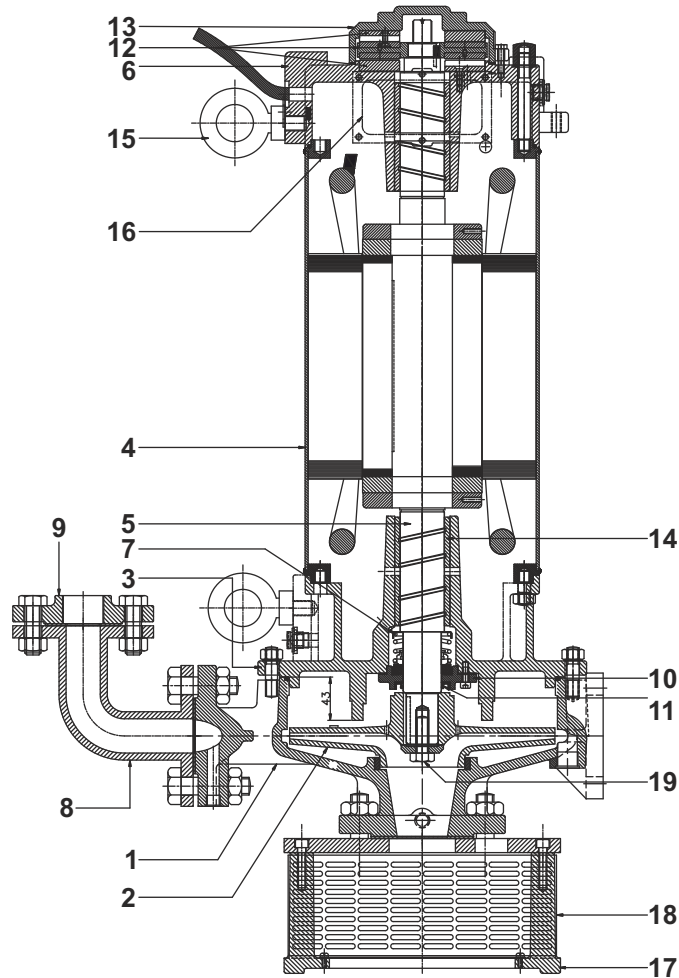


Fig. 5 LVM - Vertical pump (15 to 30 hp)

Materials

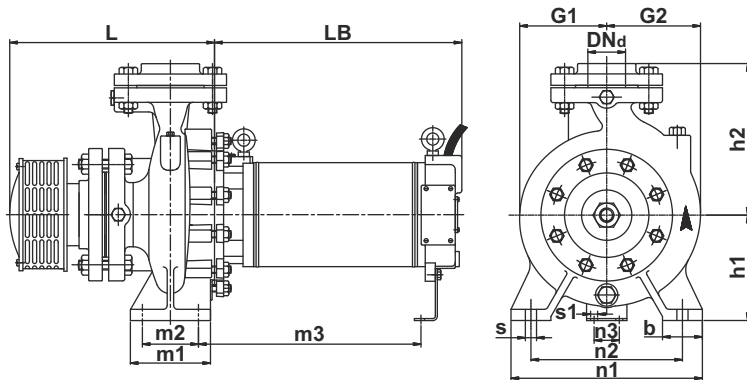
Pos.	Component	A-version	B-version	C-version	E-version	F-version	G-version
1	Volute casing	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
2	Impeller	Cast iron	Bronze	CF-8	Bronze	CF-8	CF-8M
3	Adaptor	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
4	Stator body	S.S.202	S.S.202	S.S.202	S.S.304	S.S.304	S.S.316
5	Pump shaft	S.S.410	S.S.410	S.S.410	S.S.304	S.S.304	S.S.316
6	Lower bearing housing	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
7	Mechanical shaft seal	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic	Carbon/ceramic
8	Delivery flange elbow	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
9	Delivery flange	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
10	Seal cover	Cast iron	Cast iron	Cast iron	Bronze	CF-8	CF-8M
11	Oil seal	NBR	NBR	NBR	NBR	NBR	NBR
12	Front bearing	Carbon/S.S	Carbon/S.S	Carbon/S.S	Carbon/S.S	Carbon/S.S	Carbon/S.S
13	Rear bearing	Fibre/Bronze	Fibre/Bronze	Fibre/Bronze	Fibre/Bronze	Fibre/Bronze	Fibre/Bronze
14	Bush	Bronze	Bronze	Bronze	Bronze	Bronze	Bronze
15	Lifting bolt	Carbon steel	Carbon steel	Carbon steel	S.S.304	S.S.304	S.S.316
16	Diaphragm	NBR	NBR	NBR	NBR	NBR	NBR
17	Base	Cast iron	Cast iron	Cast iron	Bronze	S.S.304	S.S.316
18	Strainer	Stainless steel	Stainless steel	Stainless steel	S.S.304	S.S.304	S.S.316
19	Impeller nut	S.S.410	S.S.410	S.S.410	S.S.304	S.S.304	S.S.316

Technical Data

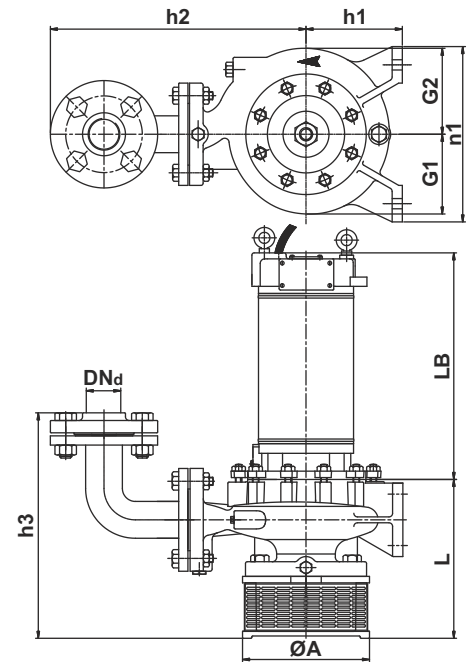
Submerged centrifugal pumpset

LHM / LVM 32-1252

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

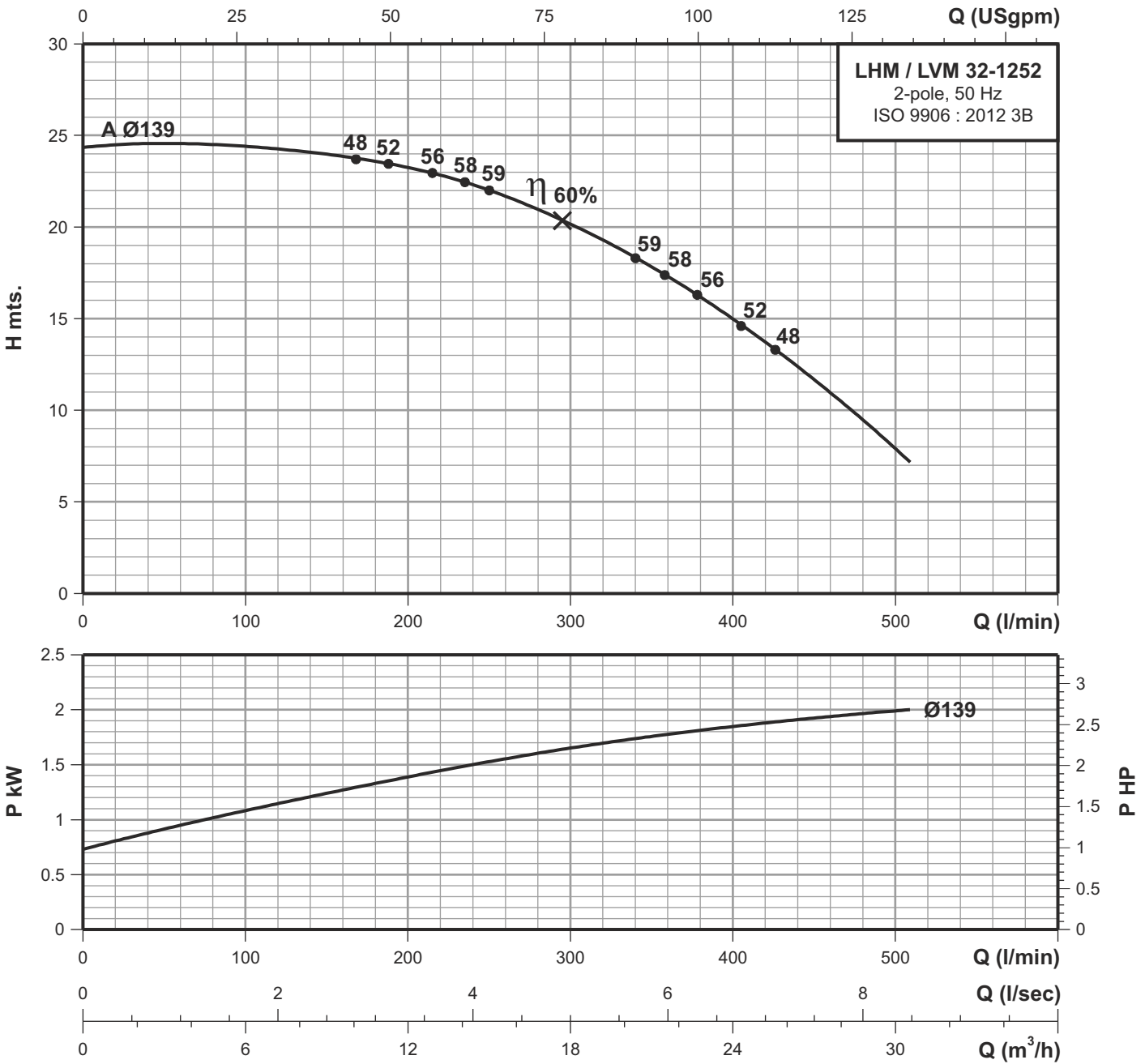


		LHM	LVM
Power	[kW]	2.20	2.20
	[hp]	3.00	3.00
DNd	[mm]	32	32
h1	[mm]	112	112
h2	[mm]	170	327
h3	[mm]	-	360
L	[mm]	246	264
LB	[mm]	441	441
G1	[mm]	90	90
G2	[mm]	102	102
m1	[mm]	100	-
m2	[mm]	70	-
m3	[mm]	370	-
n1	[mm]	190	190
n2	[mm]	140	-
n3	[mm]	50	-
b	[mm]	50	-
s	[mm]	14	-
s1	[mm]	14	-
ØA	[mm]	-	275
Net Weight	[kg]	60	75
Gross Weight	[kg]	88	103
Volume	[m ³]	0.180	0.180

Performance curves

Submerged centrifugal pumpset

LHM / LVM 32-1252



Performance data at n=2900 rpm

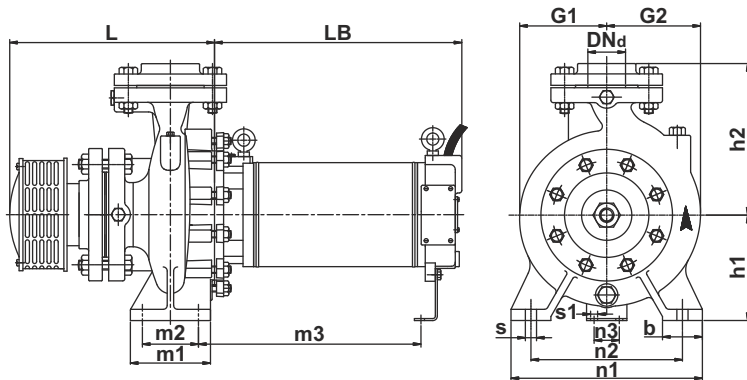
Model	Power		Q m ³ /h	6	12	18	24	30
	kW	HP	Q l/min	100	200	300	400	500
LHM / LVM 32-1252A	2.20	3.00	H mts.	24.4	23.2	20.1	15	7.9

Technical Data

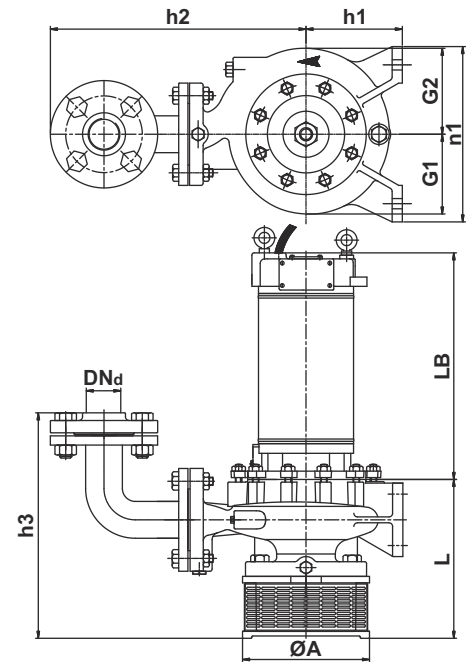
Submerged centrifugal pumpset

LHM / LVM 32-1602

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

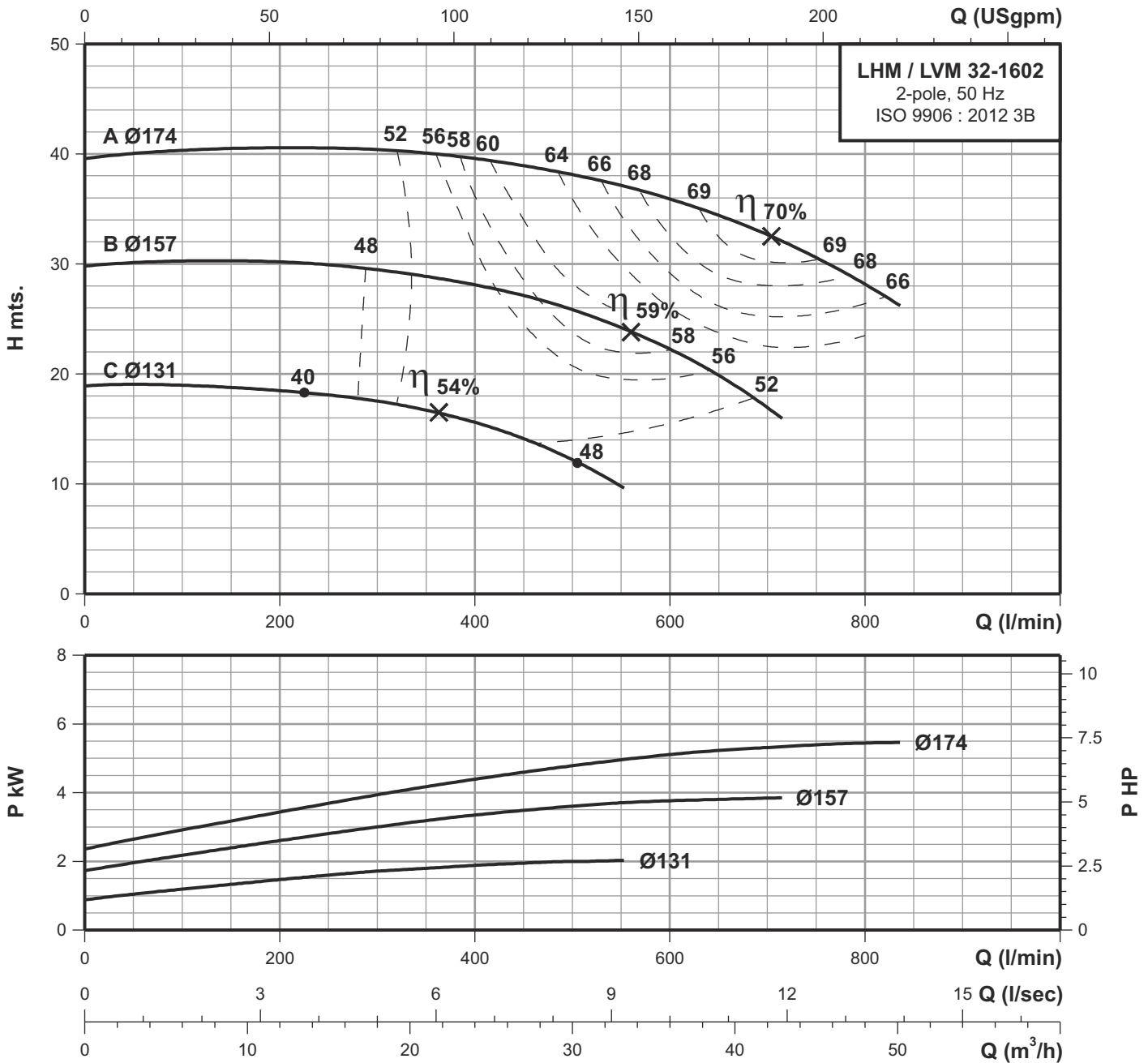


		LHM			LVM		
Power	[kW]	2.20	4.00	5.50	2.20	4.00	5.50
	[hp]	3.00	5.50	7.50	3.00	5.50	7.50
DNd	[mm]	32	32	32	32	32	32
h1	[mm]	132	132	132	132	132	132
h2	[mm]	191	191	191	347	347	347
h3	[mm]	-	-	-	360	360	360
L	[mm]	249	249	249	264	264	264
LB	[mm]	438	468	465	438	468	465
G1	[mm]	112	112	112	112	112	112
G2	[mm]	124	124	124	124	124	124
m1	[mm]	100	100	100	-	-	-
m2	[mm]	70	70	70	-	-	-
m3	[mm]	370	390	397	-	-	-
n1	[mm]	240	240	240	240	240	240
n2	[mm]	190	190	190	-	-	-
n3	[mm]	50	50	50	-	-	-
b	[mm]	50	50	50	-	-	-
s	[mm]	14	14	14	-	-	-
s1	[mm]	14	14	14	-	-	-
ØA	[mm]	-	-	-	275	275	275
Net Weight	[kg]	63	68	83.5	78	83	98.5
Gross Weight	[kg]	91	96	118.5	106	111	133.5
Volume	[m ³]	0.180	0.180	0.220	0.180	0.180	0.220

Performance curves

Submerged centrifugal pumpset

LHM / LVM 32-1602



Performance data at n=2900 rpm

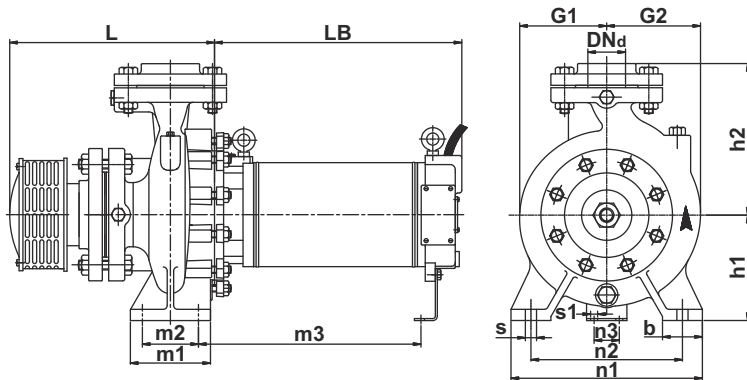
Model	Power		Q m ³ /h	12	18	24	30	36	42	48
	kW	HP		Q l/min	200	300	400	500	600	700
LHM / LVM 32-1602C	2.20	3.00	H mts.	18.5	17.5	15.6	12.1	-	-	-
LHM / LVM 32-1602B	4.00	5.50		30.1	29.4	28.5	25.8	22.2	16.9	-
LHM / LVM 32-1602A	5.50	7.50		40.5	40.3	39.5	38.1	35.8	32.5	28.1

Technical Data

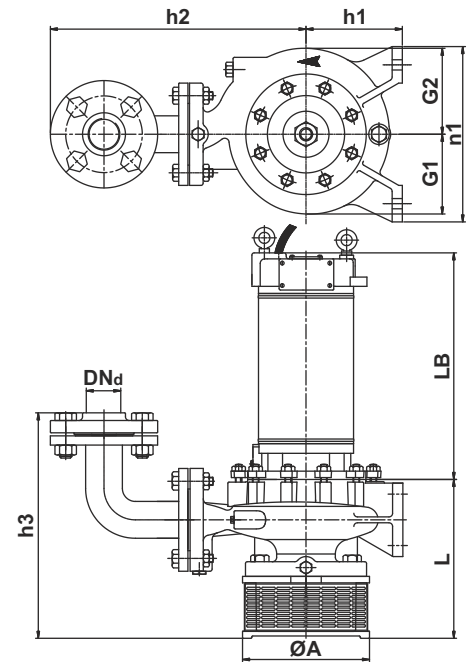
Submerged centrifugal pumpset

LHM / LVM 32-2002

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

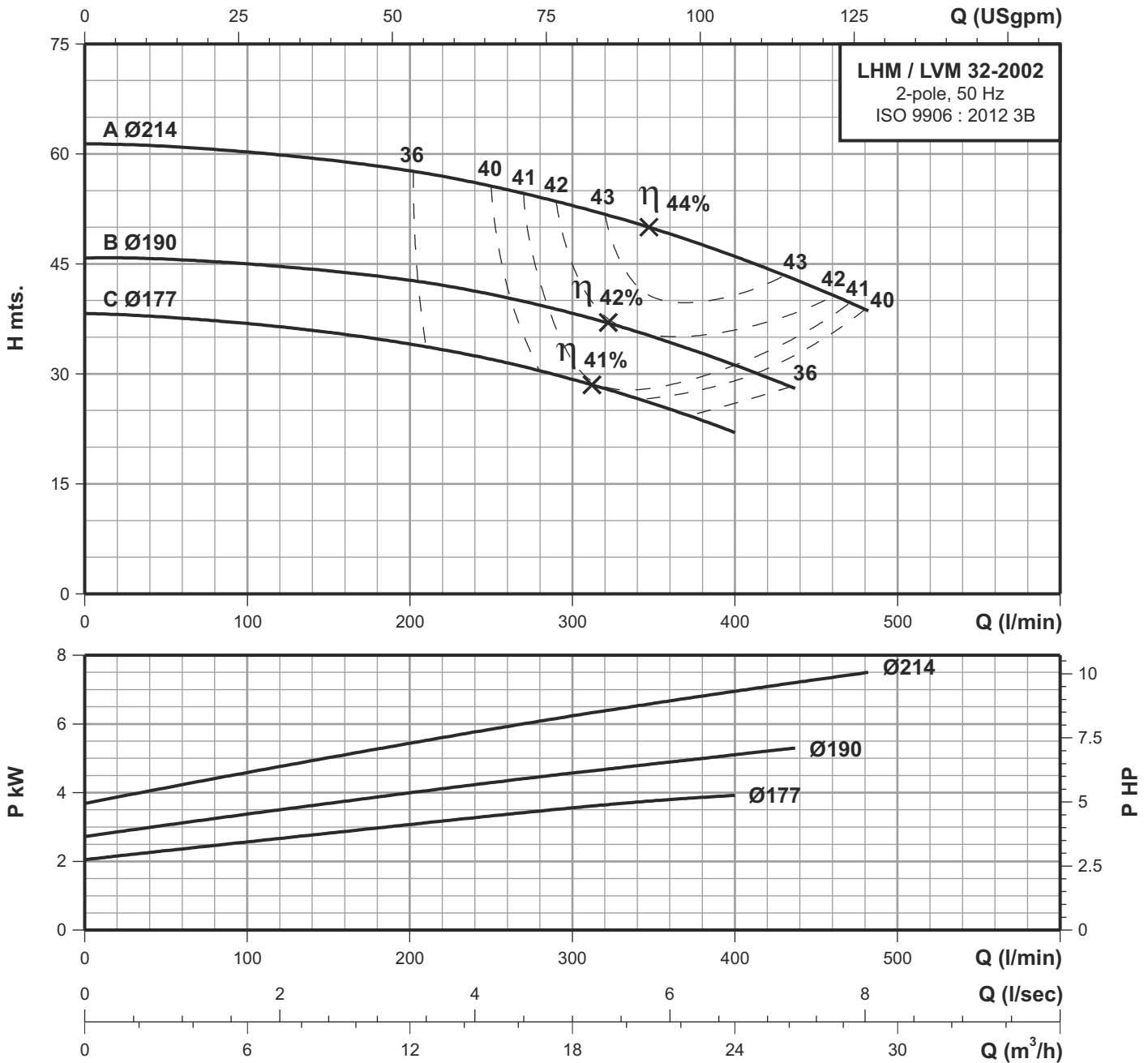


		LHM			LVM		
Power	[kW]	4.00	5.50	7.50	4.00	5.50	7.50
	[hp]	5.50	7.50	10.0	5.50	7.50	10.0
DNd	[mm]	32	32	32	32	32	32
h1	[mm]	160	160	160	160	160	160
h2	[mm]	210	210	210	366	366	366
h3	[mm]	-	-	-	360	360	360
L	[mm]	244	244	244	259	259	259
LB	[mm]	473	470	500	473	470	500
G1	[mm]	126	126	126	126	126	126
G2	[mm]	133	133	133	133	133	133
m1	[mm]	100	100	100	-	-	-
m2	[mm]	70	70	70	-	-	-
m3	[mm]	390	397	427	-	-	-
n1	[mm]	240	240	240	240	240	240
n2	[mm]	190	190	190	-	-	-
n3	[mm]	50	50	50	-	-	-
b	[mm]	50	50	50	-	-	-
s	[mm]	14	14	14	-	-	-
s1	[mm]	14	14	14	-	-	-
ØA	[mm]	-	-	-	275	275	275
Net Weight	[kg]	71	86	93	86	101	108
Gross Weight	[kg]	99	121	128	114	136	143
Volume	[m ³]	0.180	0.220	0.220	0.180	0.220	0.220

Performance curves

Submerged centrifugal pumpset

LHM / LVM 32-2002



Performance data at n=2900 rpm

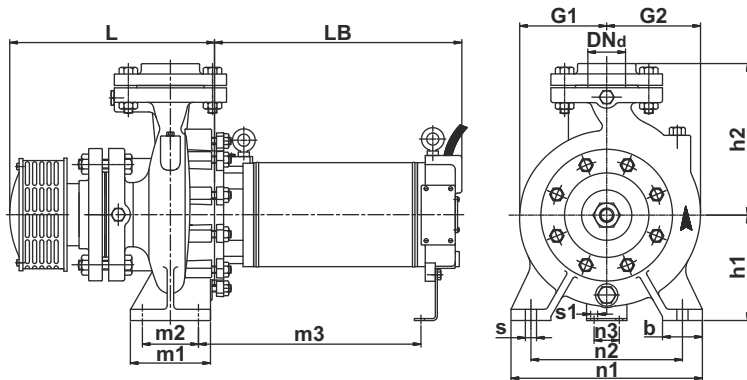
Model	Power		Q m³/h	6	12	15	18	21	24	27
	kW	HP		Q l/min	100	200	250	300	350	400
LHM / LVM 32-2002C	4.00	5.50	H mts.	36.9	33.9	31.9	29.2	25.9	21.9	-
LHM / LVM 32-2002B	5.50	7.50		45	42.7	40.9	38.3	35	31.2	-
LHM / LVM 32-2002A	7.50	10.0		60.3	57.7	55.6	52.9	49.8	46	41.6

Technical Data

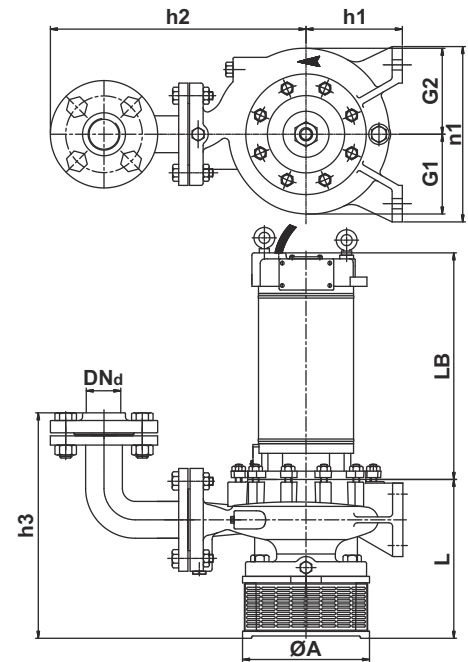
Submerged centrifugal pumpset

LHM / LVM 32-200L2

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

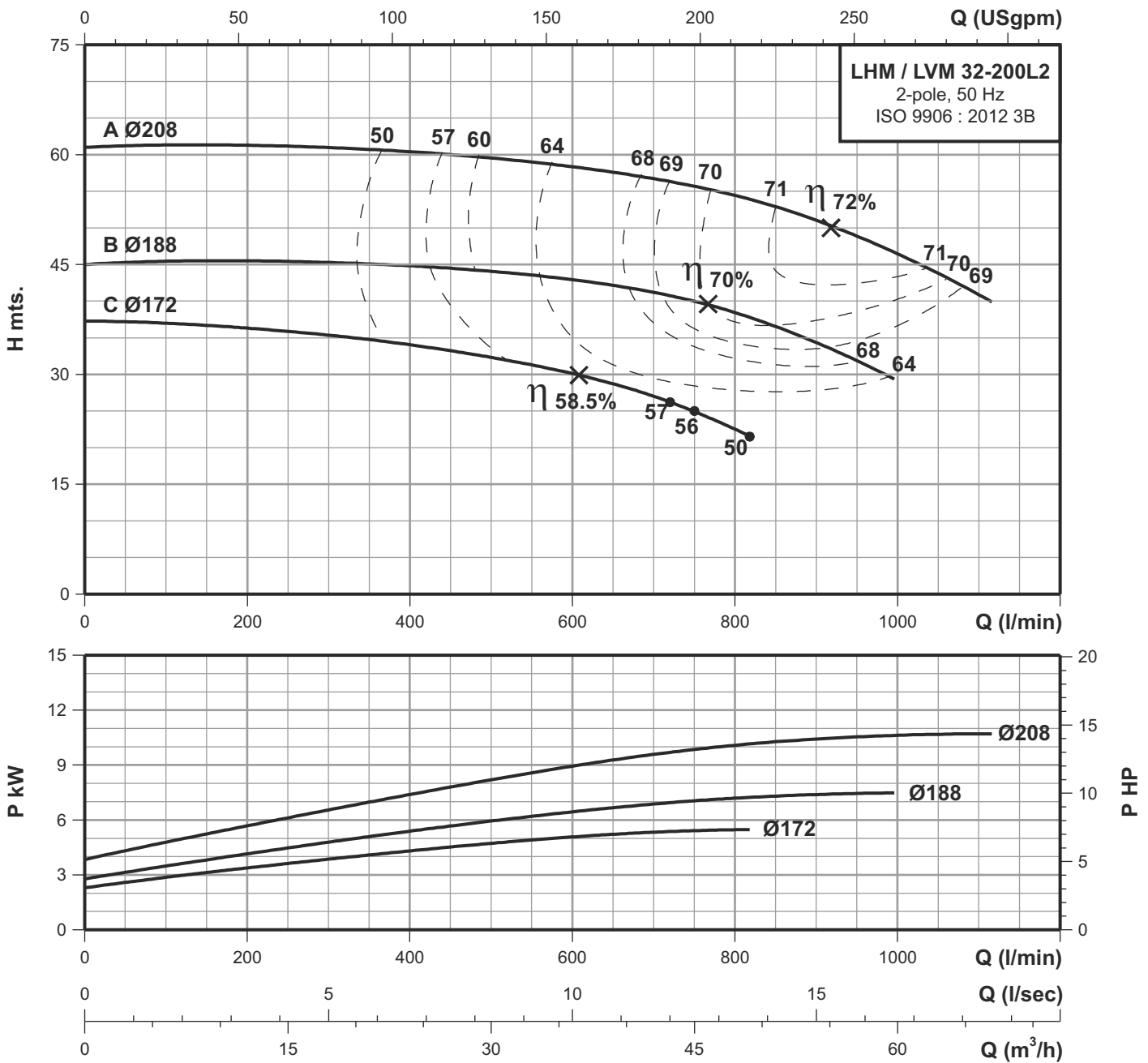


		LHM			LVM		
Power	[kW]	5.50	7.50	11.0	5.50	7.50	11.0
	[hp]	7.50	10.0	15.0	7.50	10.0	15.0
DNd	[mm]	32	32	32	32	32	32
h1	[mm]	160	160	160	160	160	160
h2	[mm]	210	210	210	366	366	366
h3	[mm]	-	-	-	360	360	360
L	[mm]	244	244	244	259	259	259
LB	[mm]	470	500	606	470	500	606
G1	[mm]	135	135	135	135	135	135
G2	[mm]	147	147	147	147	147	147
m1	[mm]	100	100	100	-	-	-
m2	[mm]	70	70	70	-	-	-
m3	[mm]	397	427	481	-	-	-
n1	[mm]	240	240	240	240	240	240
n2	[mm]	190	190	190	-	-	-
n3	[mm]	50	50	65	-	-	-
b	[mm]	50	50	50	-	-	-
s	[mm]	14	14	14	-	-	-
s1	[mm]	14	14	14	-	-	-
ØA	[mm]	-	-	-	275	275	275
Net Weight	[kg]	86.8	93.5	126	102	109	141
Gross Weight	[kg]	121.8	128.5	171	137	144	186
Volume	[m ³]	0.220	0.220	0.370	0.220	0.220	0.370

Performance curves

Submerged centrifugal pumpset

LHM / LVM 32-200L2



Performance data at n=2900 rpm

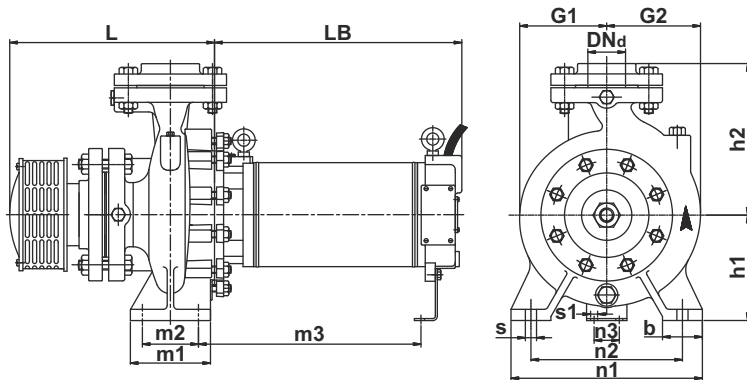
Model	Power		Q m ³ /h	12	24	30	36	42	48	54	60	66
	kW	HP		Q l/min	200	400	500	600	700	800	900	1000
LHM / LVM 32-200L2C	5.50	7.50	H mts.	36.3	34.1	32.3	30	27.1	22.5	-	-	-
LHM / LVM 32-200L2B	7.50	10.0		45.5	44.9	44	42.9	41.2	38.5	34.5	-	-
LHM / LVM 32-200L2A	11.0	15.0		61.3	60.3	59.5	58.3	56.8	54.5	51.1	46.6	41

Technical Data

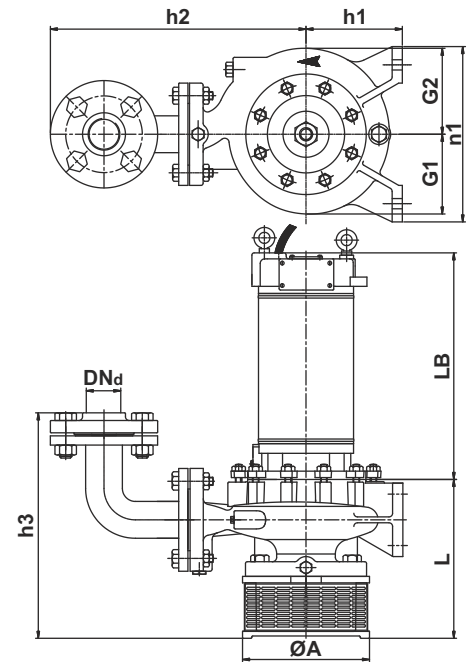
Submerged centrifugal pumpset

LHM / LVM 32-2502

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

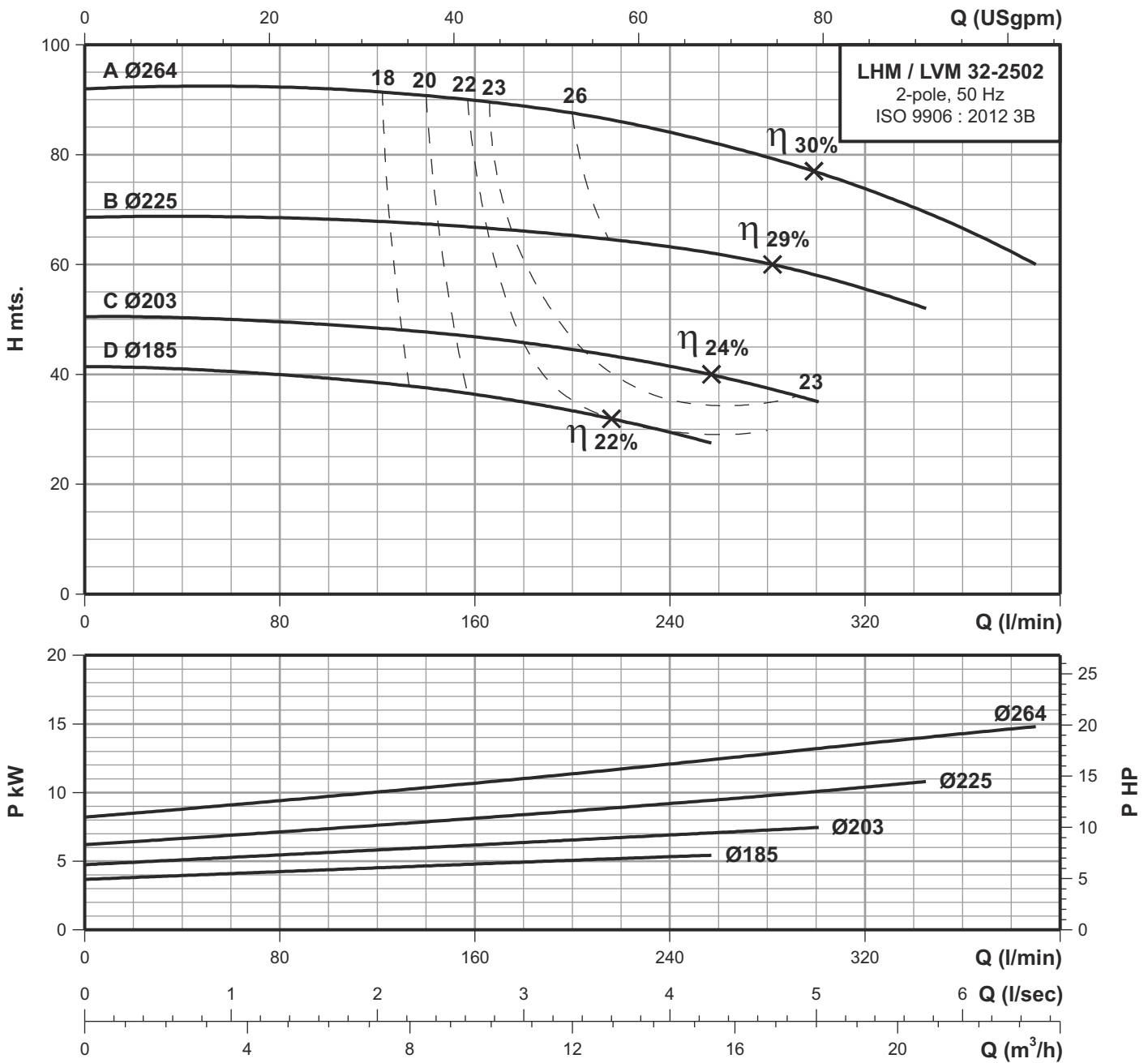


		LHM				LVM			
Power	[kW]	5.50	7.50	11.0	15.0	5.50	7.50	11.0	15.0
	[hp]	7.50	10.0	15.0	20.0	7.50	10.0	15.0	20.0
DNd	[mm]	32	32	32	32	32	32	32	32
h1	[mm]	180	180	180	180	180	180	180	180
h2	[mm]	256	256	256	256	412	412	412	412
h3	[mm]	-	-	-	-	380	380	380	380
L	[mm]	279	279	279	279	295	295	295	295
LB	[mm]	465	495	606	626	465	495	606	626
G1	[mm]	150	150	150	150	150	150	150	150
G2	[mm]	154	154	154	154	154	154	154	154
m1	[mm]	125	125	125	125	-	-	-	-
m2	[mm]	95	95	95	95	-	-	-	-
m3	[mm]	395	425	484	504	-	-	-	-
n1	[mm]	320	320	320	320	320	320	320	320
n2	[mm]	250	250	250	250	-	-	-	-
n3	[mm]	50	50	65	65	-	-	-	-
b	[mm]	65	65	65	65	-	-	-	-
s	[mm]	14	14	14	14	-	-	-	-
s1	[mm]	14	14	14	14	-	-	-	-
ØA	[mm]	-	-	-	-	275	275	275	275
Net Weight	[kg]	99	105	132	143	114	120	147	158
Gross Weight	[kg]	134	140	177	188	149	155	192	203
Volume	[m ³]	0.220	0.220	0.370	0.370	0.220	0.220	0.370	0.370

Performance curves

Submerged centrifugal pumpset

LHM / LVM 32-2502



Performance data at n=2900 rpm

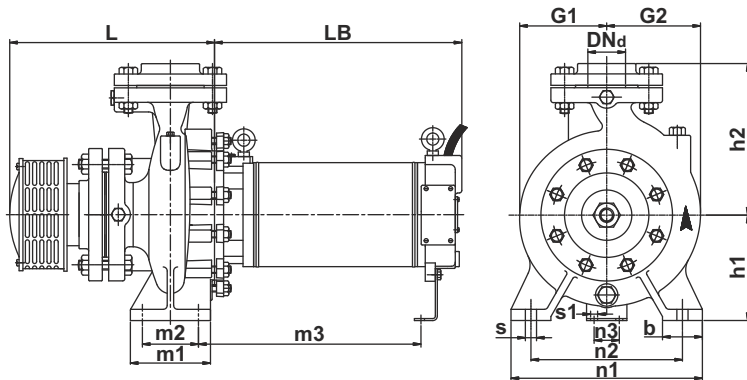
Model	Power		Q m³/h	3	6	9	12	15	18	21
	kW	HP		Q l/min	50	100	150	200	250	300
LHM / LVM 32-2502D	5.50	7.50	H mts.	40.6	39.2	37	33.5	28.3	-	-
LHM / LVM 32-2502C	7.50	10.0		50	49	47.2	44.6	40.4	35.2	-
LHM / LVM 32-2502B	11.0	15.0		68.7	68.3	67.2	65.4	62.4	57.9	-
LHM / LVM 32-2502B	15.0	20.0		92.5	92.1	90.3	87.7	82.8	76.9	68.3

Technical Data

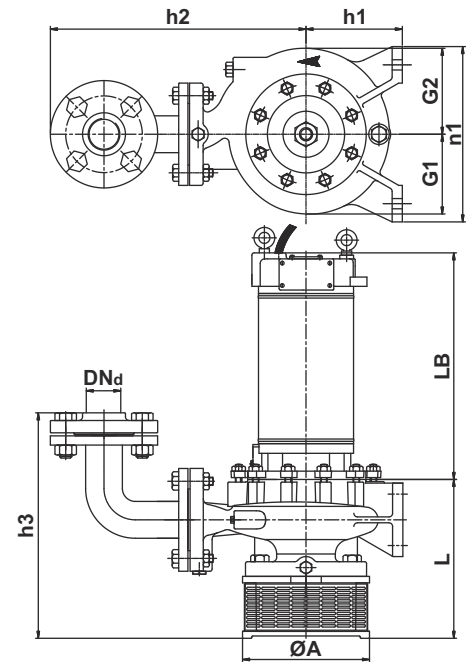
Submerged centrifugal pumpset

LHM / LVM 40-1252

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

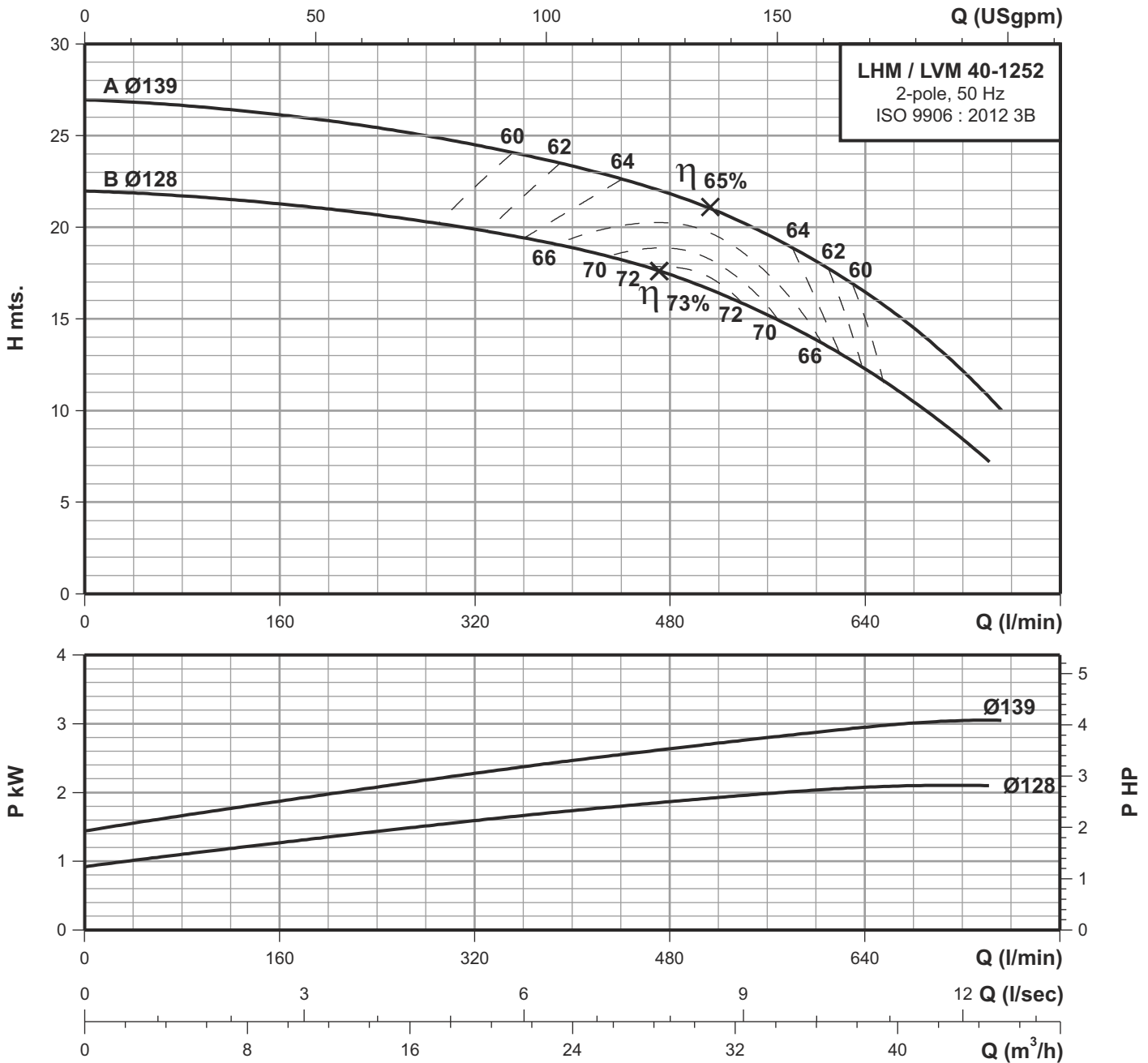


		LHM		LVM	
Power	[kW]	2.20	4.00	2.20	4.00
	[hp]	3.00	5.50	3.00	5.50
DNd	[mm]	40	40	40	40
h1	[mm]	112	112	112	112
h2	[mm]	172	172	347	347
h3	[mm]	-	-	378	378
L	[mm]	248	248	264	264
LB	[mm]	441	471	441	471
G1	[mm]	97	97	97	97
G2	[mm]	111	111	111	111
m1	[mm]	100	100	-	-
m2	[mm]	70	70	-	-
m3	[mm]	370	390	-	-
n1	[mm]	210	210	210	210
n2	[mm]	160	160	-	-
n3	[mm]	50	50	-	-
b	[mm]	50	50	-	-
s	[mm]	14	14	-	-
s1	[mm]	14	14	-	-
ØA	[mm]	-	-	275	275
Net Weight	[kg]	61	66	76	81
Gross Weight	[kg]	89	94	104	109
Volume	[m ³]	0.180	0.180	0.180	0.180

Performance curves

Submerged centrifugal pumpset

LHM / LVM 40-1252



Performance data at n=2900 rpm

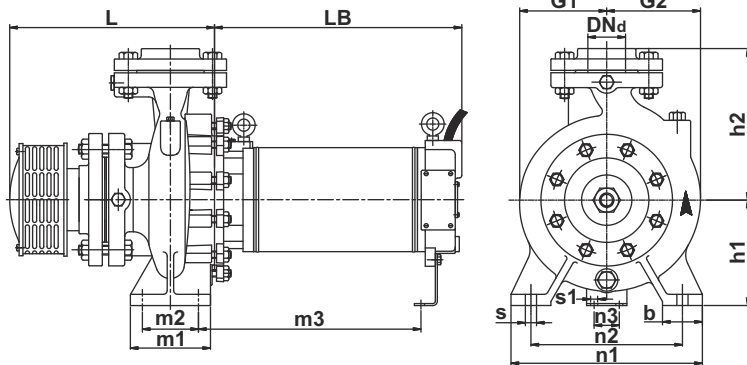
Model	Power		Q m ³ /h	12	18	24	30	36	42	45
	kW	HP		Q l/min	200	300	400	500	600	700
LHM / LVM 40-1252B	2.20	3.00	H mts.	21	20	18.9	16.9	13.8	9.5	-
LHM / LVM 40-1252A	4.00	5.50		25.8	24.8	23.4	21.3	18.1	13.4	10

Technical Data

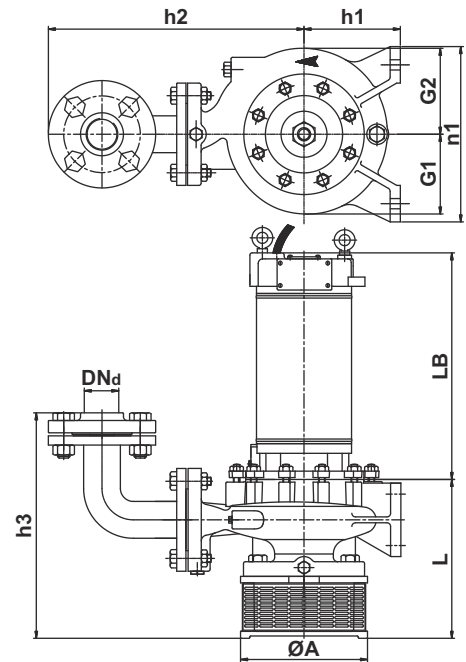
Submerged centrifugal pumpset

LHM / LVM 40-125L2

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

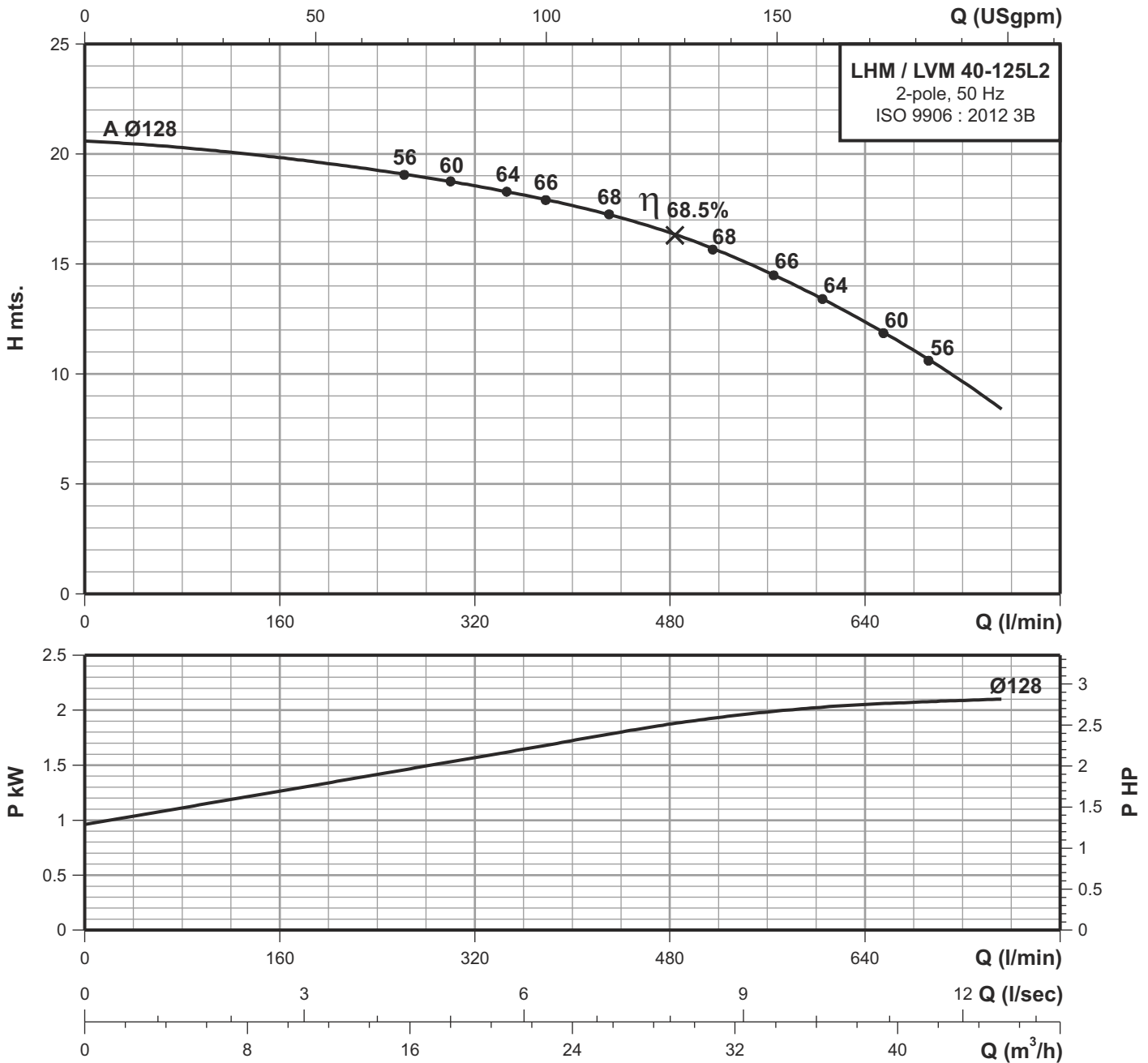


		LHM	LVM
Power	[kW]	2.20	2.20
	[hp]	3.00	3.00
DNd	[mm]	40	40
h1	[mm]	112	112
h2	[mm]	172	347
h3	[mm]	-	378
L	[mm]	248	264
LB	[mm]	441	441
G1	[mm]	105	105
G2	[mm]	115	115
m1	[mm]	100	-
m2	[mm]	70	-
m3	[mm]	370	-
n1	[mm]	210	210
n2	[mm]	160	-
n3	[mm]	50	-
b	[mm]	50	-
s	[mm]	14	-
s1	[mm]	14	-
ØA	[mm]	-	275
Net Weight	[kg]	59	74
Gross Weight	[kg]	87	102
Volume	[m ³]	0.180	0.180

Performance curves

Submerged centrifugal pumpset

LHM / LVM 40-125L2



Performance data at n=2900 rpm

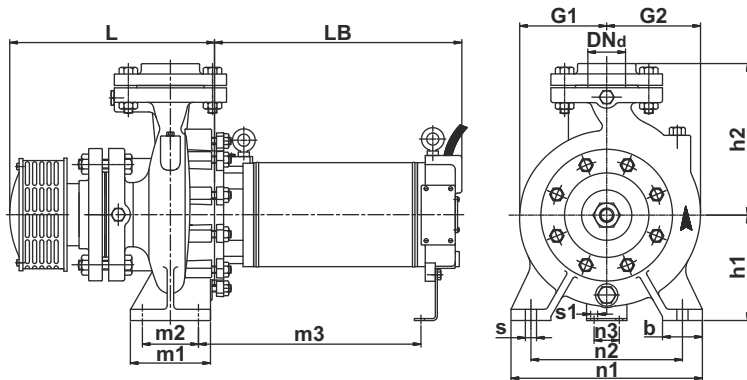
Model	Power		Q m³/h	12	18	24	30	36	42	45
	kW	HP	Q l/min	200	300	400	500	600	700	750
LHM / LVM 40-125L2A	2.20	3.00	H mts.	19.6	18.8	17.7	16	13.5	10.3	8.4

Technical Data

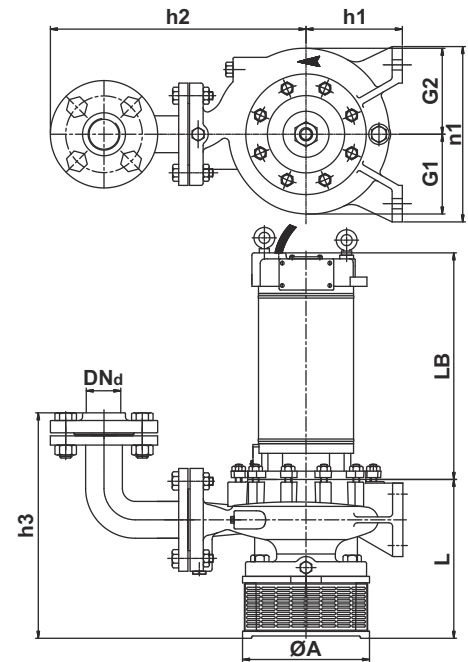
Submerged centrifugal pumpset

LHM / LVM 40-1602

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

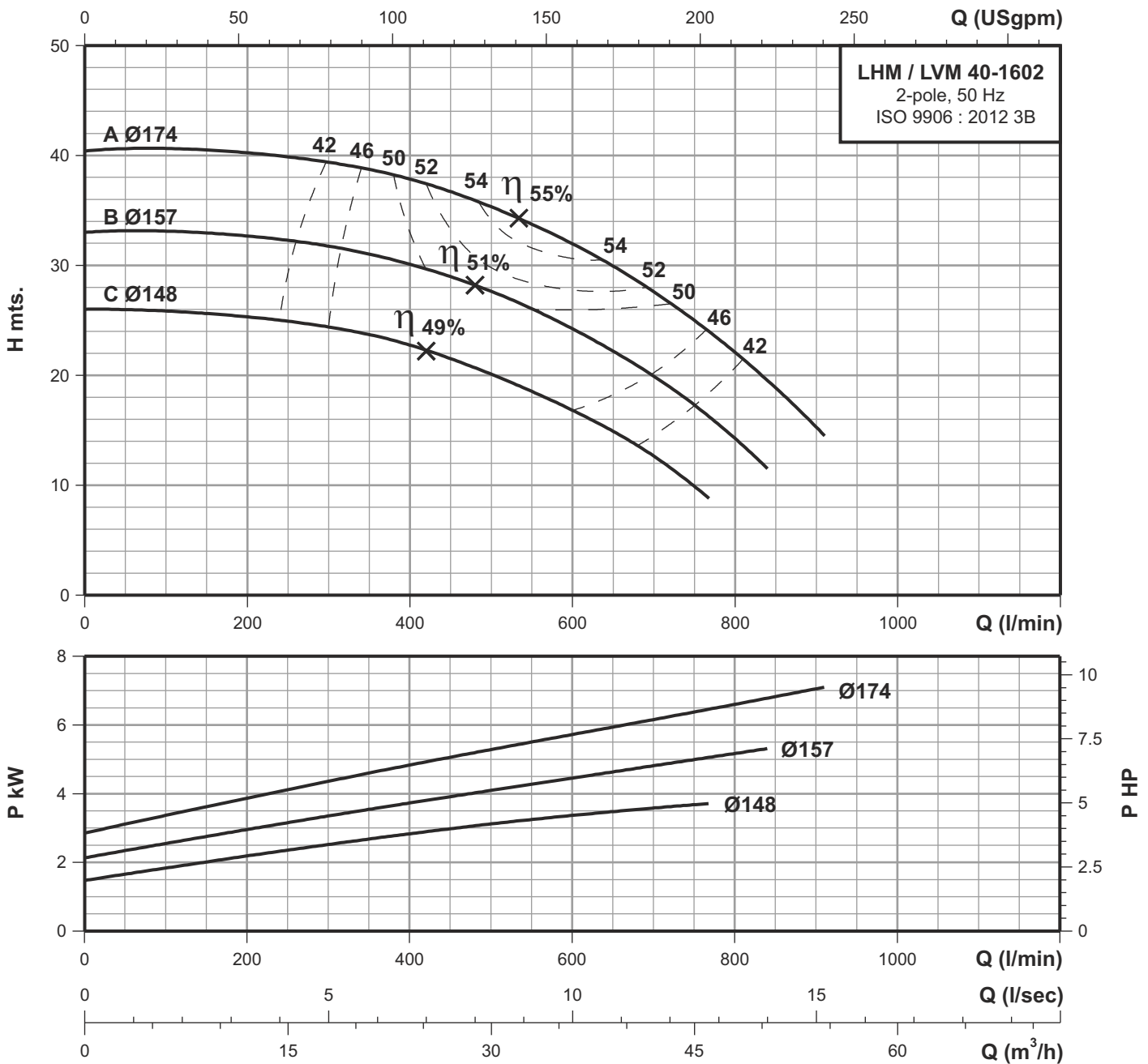


		LHM			LVM		
Power	[kW]	4.00	5.50	7.50	4.00	5.50	7.50
	[hp]	5.50	7.50	10.0	5.50	7.50	10.0
DNd	[mm]	40	40	40	40	40	40
h1	[mm]	132	132	132	132	132	132
h2	[mm]	192	192	192	367	367	367
h3	[mm]	-	-	-	378	378	378
L	[mm]	251	251	251	264	264	264
LB	[mm]	468	465	495	468	465	495
G1	[mm]	106	106	106	106	106	106
G2	[mm]	120	120	120	120	120	120
m1	[mm]	100	100	100	-	-	-
m2	[mm]	70	70	70	-	-	-
m3	[mm]	390	397	427	-	-	-
n1	[mm]	240	240	240	240	240	240
n2	[mm]	190	190	190	-	-	-
n3	[mm]	50	50	50	-	-	-
b	[mm]	50	50	50	-	-	-
s	[mm]	14	14	14	-	-	-
s1	[mm]	14	14	14	-	-	-
ØA	[mm]	-	-	-	275	275	275
Net Weight	[kg]	68	85.5	92.3	83	100.5	107
Gross Weight	[kg]	96	120.5	127.3	111	135.5	142
Volume	[m ³]	0.180	0.220	0.220	0.180	0.220	0.220

Performance curves

Submerged centrifugal pumpset

LHM / LVM 40-1602



Performance data at n=2900 rpm

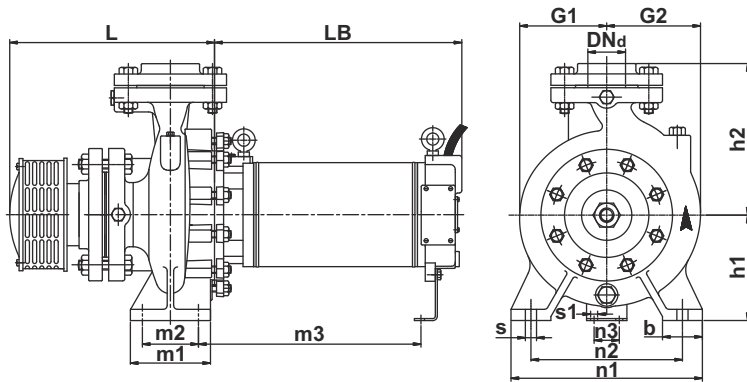
Model	Power		Q m³/h	12	18	24	30	36	42	48
	kW	HP	Q l/min	200	300	400	500	600	700	800
LHM / LVM 40-1602C	4.00	5.50	H mts.	25.3	24.4	22.8	20.1	16.8	12.7	-
LHM / LVM 40-1602B	5.50	7.50		32.7	31.8	30.2	27.6	24.2	19.8	14.1
LHM / LVM 40-1602A	7.50	10.0		40.3	39.4	37.9	35.3	32	27.5	22

Technical Data

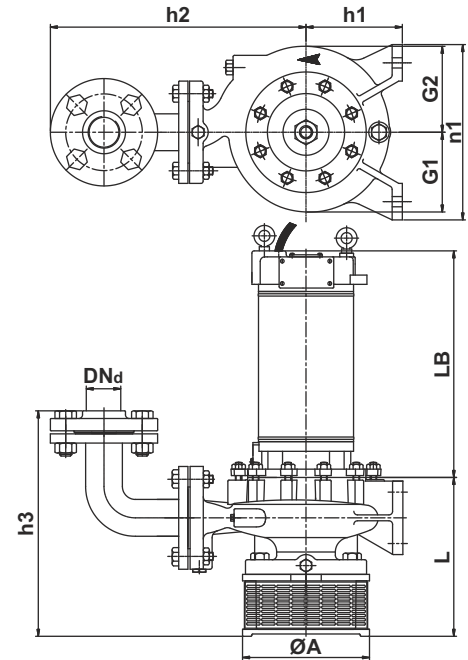
Submerged centrifugal pumpset

LHM / LVM 40-160H2

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

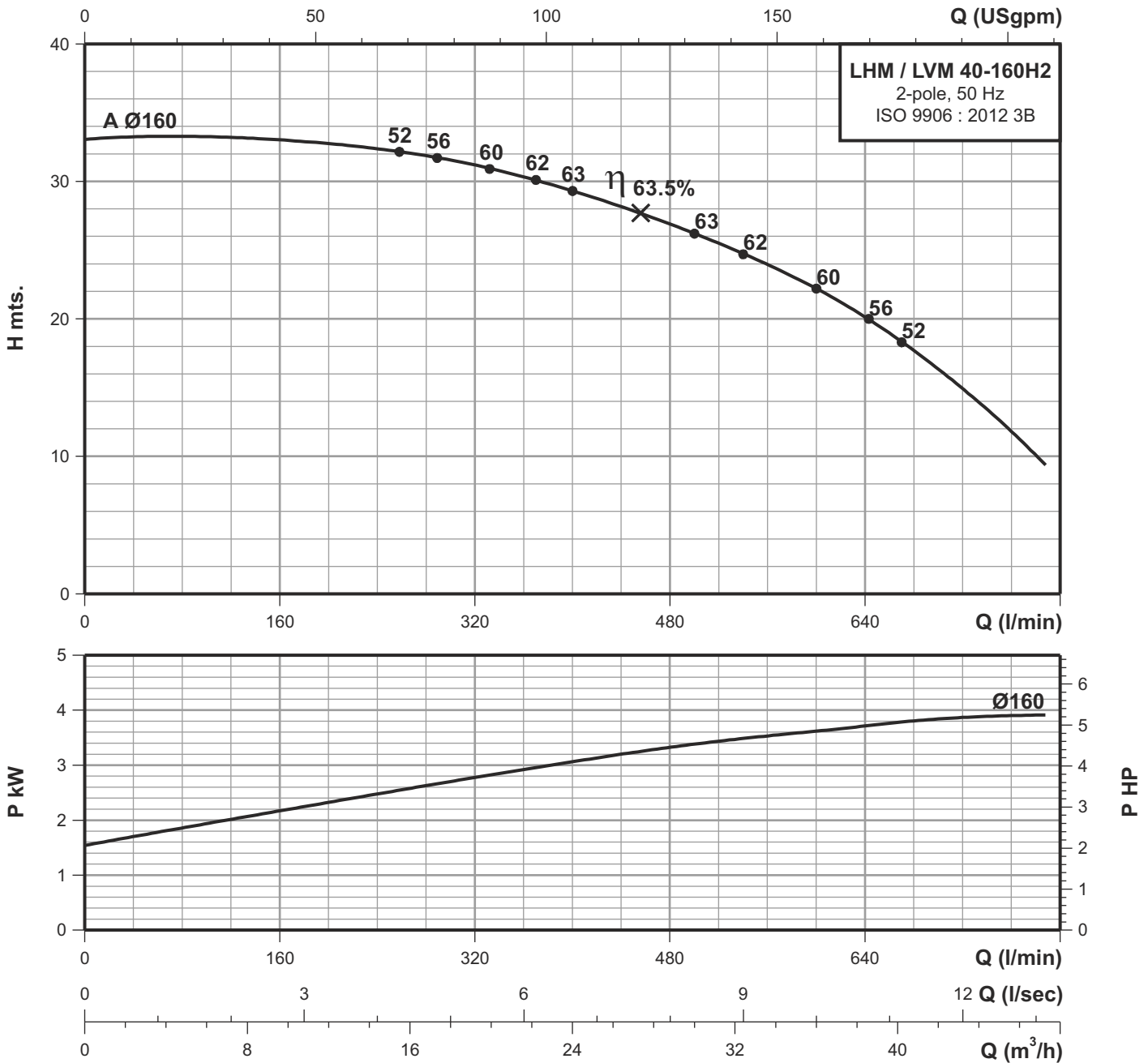


		LHM	LVM
Power	[kW]	4.00	4.00
	[hp]	5.50	5.50
DNd	[mm]	40	40
h1	[mm]	132	132
h2	[mm]	192	367
h3	[mm]	-	378
L	[mm]	251	264
LB	[mm]	468	468
G1	[mm]	120	120
G2	[mm]	125	125
m1	[mm]	100	-
m2	[mm]	70	-
m3	[mm]	390	-
n1	[mm]	240	240
n2	[mm]	190	-
n3	[mm]	50	-
b	[mm]	50	-
s	[mm]	14	-
s1	[mm]	14	-
ØA	[mm]	-	275
Net Weight	[kg]	69	84
Gross Weight	[kg]	97	112
Volume	[m ³]	0.180	0.180

Performance curves

Submerged centrifugal pumpset

LHM / LVM 40-160H2



Performance data at n=2900 rpm

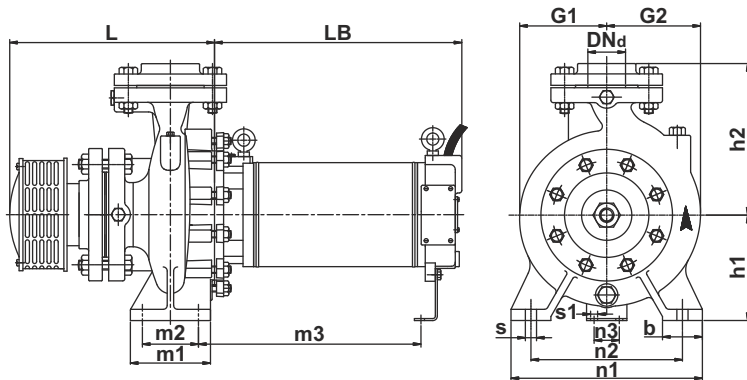
Model	Power		Q m ³ /h	12	18	24	30	36	42	45
	kW	HP	Q l/min	200	300	400	500	600	700	750
LHM / LVM 40-160H2A	4.00	5.50	H mts.	32.7	31.6	29.4	26.1	22.2	16.3	12.6

Technical Data

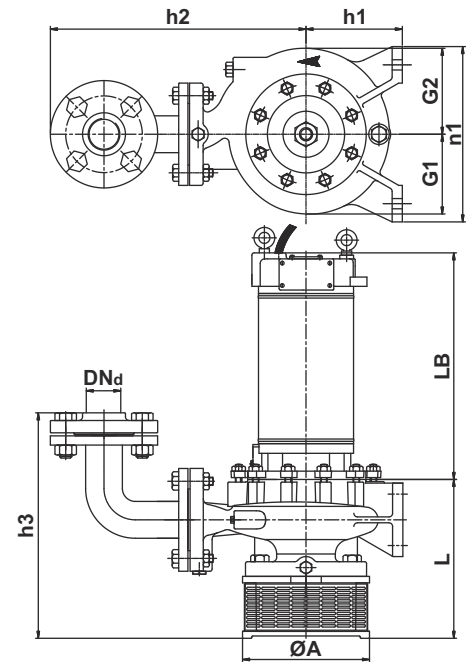
Submerged centrifugal pumpset

LHM / LVM 40-2002

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

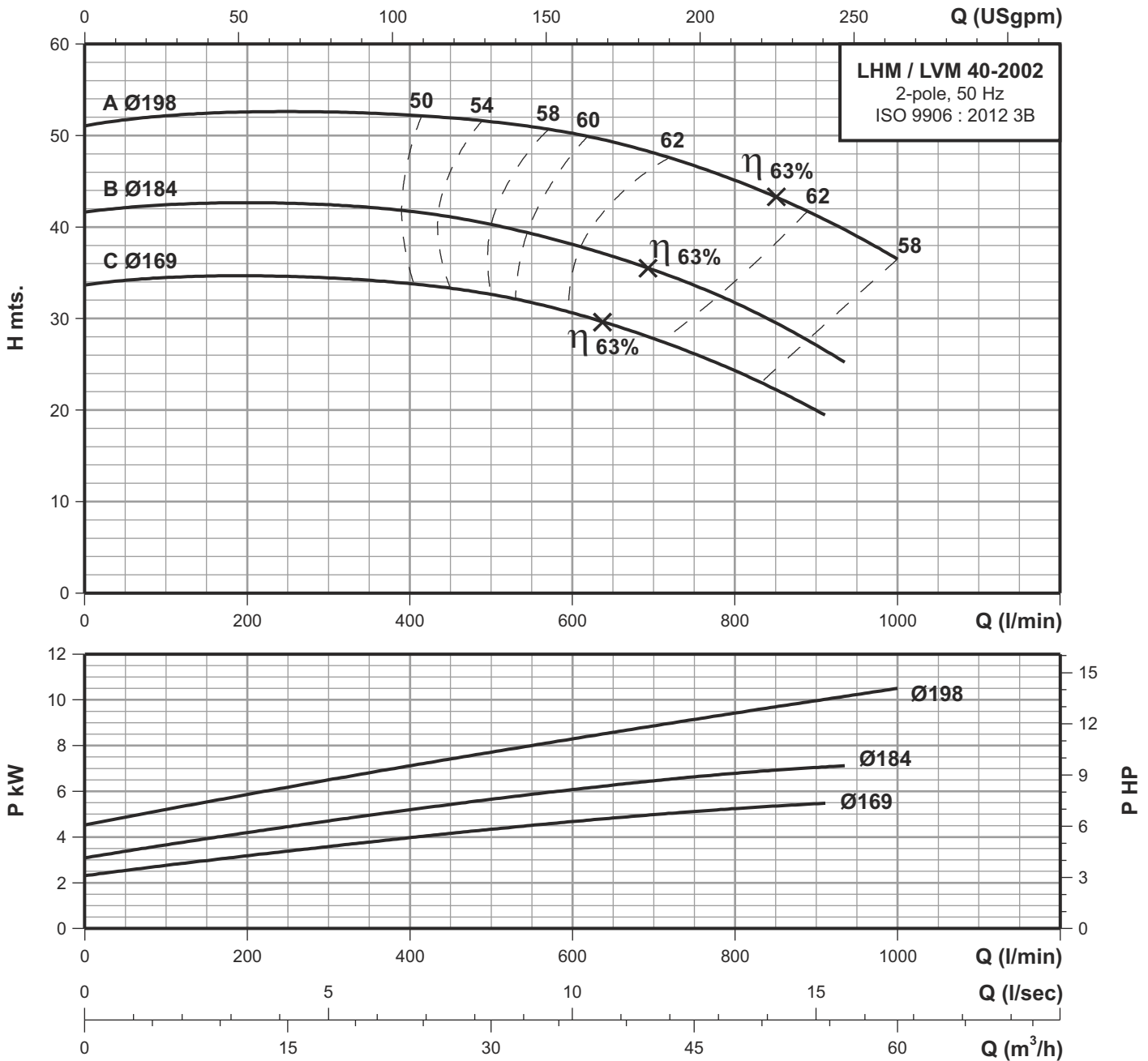


		LHM			LVM		
Power	[kW]	5.50	7.50	11.0	5.50	7.50	11.0
	[hp]	7.50	10.0	15.0	7.50	10.0	15.0
DNd	[mm]	40	40	40	40	40	40
h1	[mm]	160	160	160	160	160	160
h2	[mm]	212	212	212	387	387	387
h3	[mm]	-	-	-	398	398	398
L	[mm]	266	266	266	279	279	279
LB	[mm]	470	500	606	470	500	606
G1	[mm]	131	131	131	131	131	131
G2	[mm]	140	140	140	140	140	140
m1	[mm]	100	100	100	-	-	-
m2	[mm]	70	70	70	-	-	-
m3	[mm]	397	427	481	-	-	-
n1	[mm]	265	265	265	265	265	265
n2	[mm]	212	212	212	-	-	-
n3	[mm]	50	50	65	-	-	-
b	[mm]	50	50	50	-	-	-
s	[mm]	14	14	14	-	-	-
s1	[mm]	14	14	14	-	-	-
ØA	[mm]	-	-	-	275	275	275
Net Weight	[kg]	87.7	94.2	127	103	109.2	142
Gross Weight	[kg]	122.7	129.2	172	138	144.2	187
Volume	[m ³]	0.220	0.220	0.370	0.220	0.220	0.370

Performance curves

Submerged centrifugal pumpset

LHM / LVM 40-2002



Performance data at n=2900 rpm

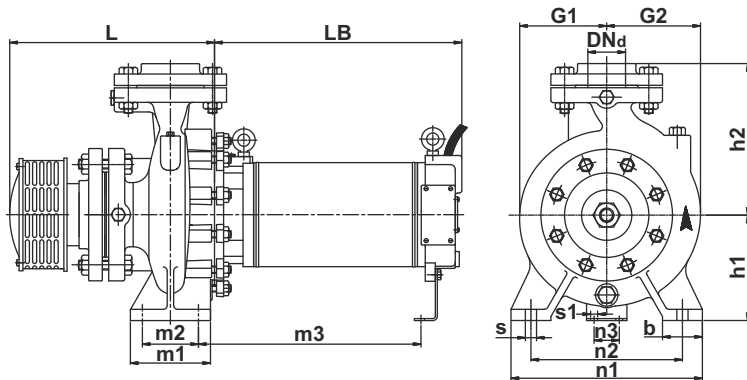
Model	Power		Q m ³ /h	12	18	24	30	36	42	48	54
	kW	HP		Q l/min	200	300	400	500	600	700	800
LHM / LVM 40-2002C	5.50	7.50	H mts.	34.7	34.4	33.8	32.7	30.6	27.8	24.4	20
LHM / LVM 40-2002B	7.50	10.0		42.7	42.4	41.7	40.2	38.1	35.3	31.8	27.1
LHM / LVM 40-2002A	11.0	15.0		52.5	52.4	52.2	51.5	50.3	48.2	45	41.2

Technical Data

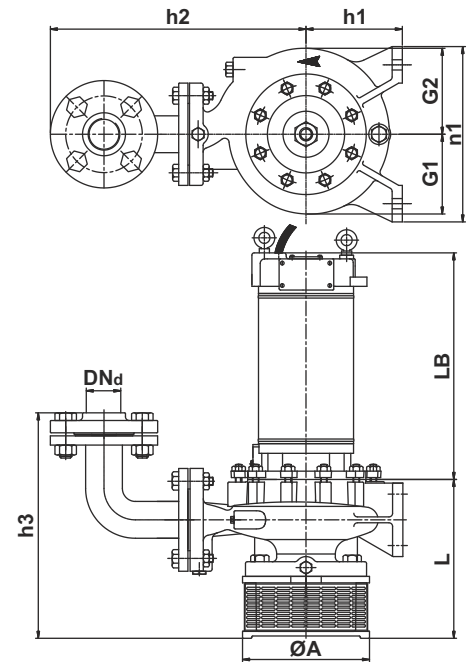
Submerged centrifugal pumpset

LHM / LVM 40-200H2

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

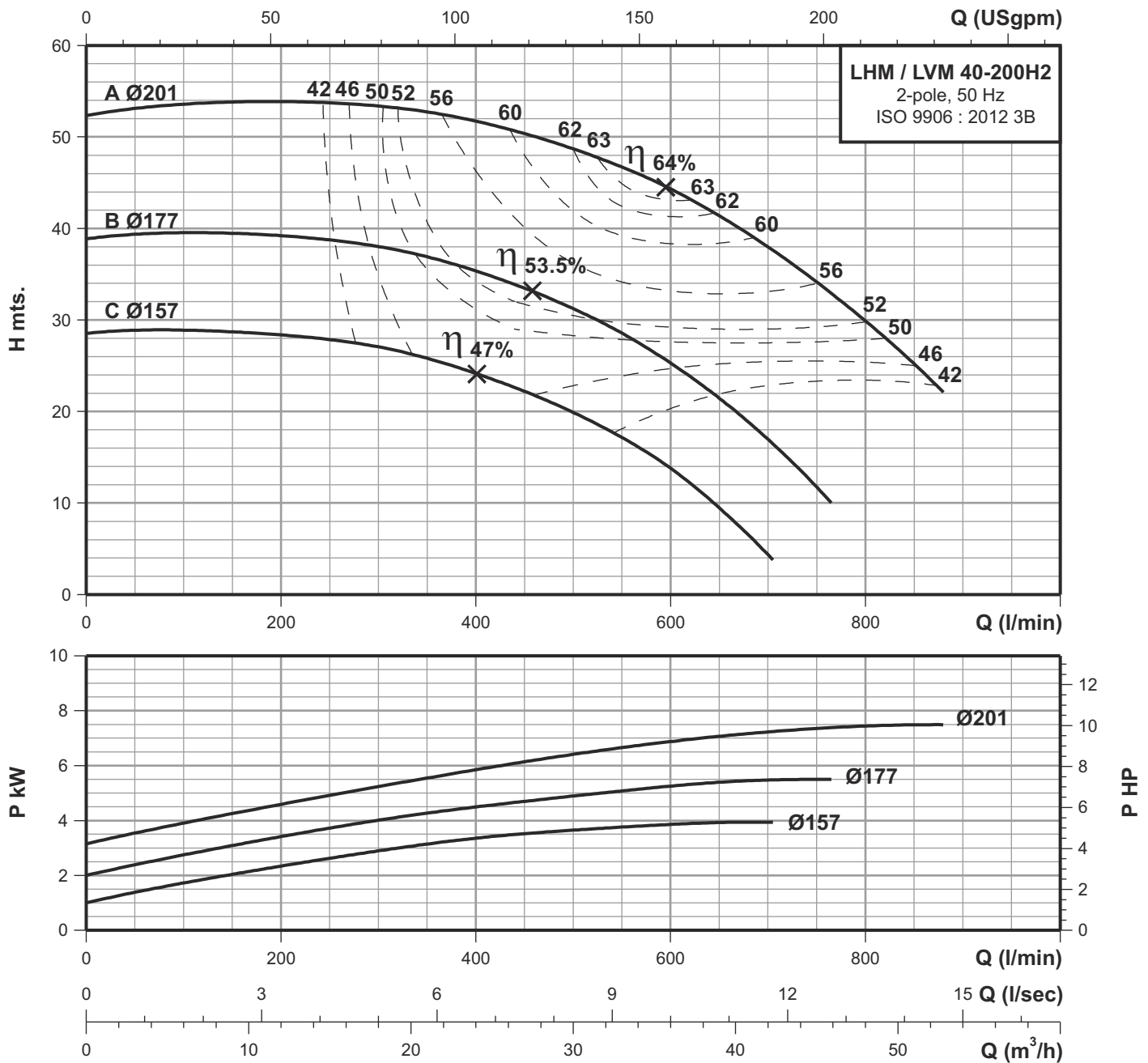


		LHM			LVM		
Power	[kW]	4.00	5.50	7.50	4.00	5.50	7.50
	[hp]	5.50	7.50	10.0	5.50	7.50	10.0
DNd	[mm]	40	40	40	40	40	40
h1	[mm]	180	180	180	180	180	180
h2	[mm]	212	212	212	387	387	387
h3	[mm]	-	-	-	398	398	398
L	[mm]	266	266	266	279	279	279
LB	[mm]	473	470	500	473	470	500
G1	[mm]	160	160	160	160	160	160
G2	[mm]	170	170	170	170	170	170
m1	[mm]	125	125	125	-	-	-
m2	[mm]	95	95	95	-	-	-
m3	[mm]	390	397	427	-	-	-
n1	[mm]	320	265	265	320	265	265
n2	[mm]	250	212	212	-	-	-
n3	[mm]	50	50	50	-	-	-
b	[mm]	65	65	65	-	-	-
s	[mm]	14	14	14	-	-	-
s1	[mm]	14	14	14	-	-	-
ØA	[mm]	-	-	-	275	275	275
Net Weight	[kg]	68	88.8	94.9	83	103.8	110
Gross Weight	[kg]	96	123.8	129.9	111	138.8	145
Volume	[m ³]	0.180	0.220	0.220	0.180	0.220	0.220

Performance curves

Submerged centrifugal pumpset

LHM / LVM 40-200H2



Performance data at n=2900 rpm

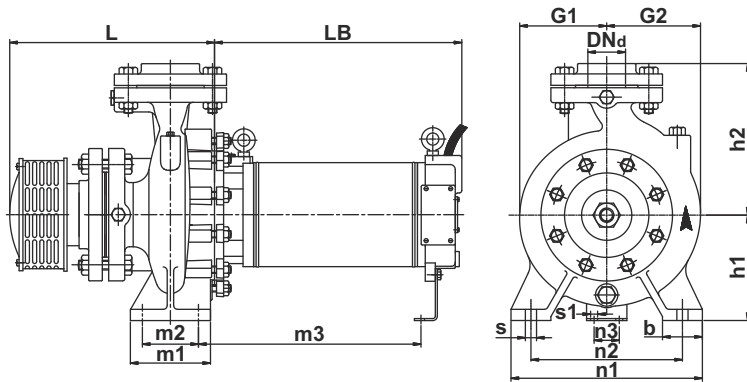
Model	Power		Q m ³ /h Q l/min	12	18	24	30	36	42	48
	kW	HP		200	300	400	500	600	700	800
LHM / LVM 40-200H2C	4.00	5.50	H mts.	28.3	27	24.2	19.9	13.7	4.3	-
LHM / LVM 40-200H2B	5.50	7.50		39.1	38	35.2	31.2	25.3	16.9	-
LHM / LVM 40-200H2A	7.50	10.0		53.9	53.3	51.8	48.7	44.2	38	30

Technical Data

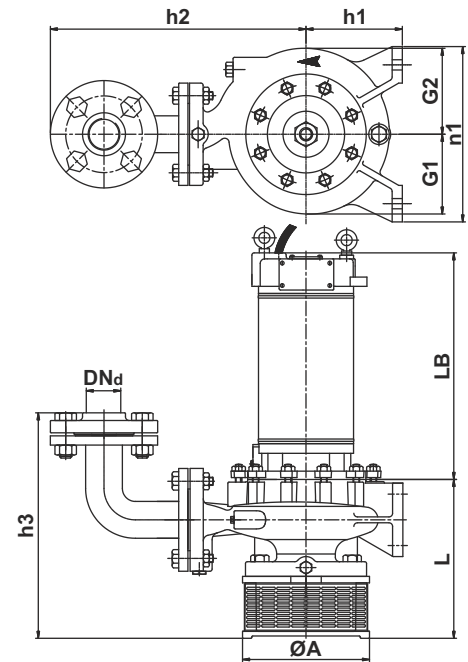
Submerged centrifugal pumpset

LHM / LVM 40-2502

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

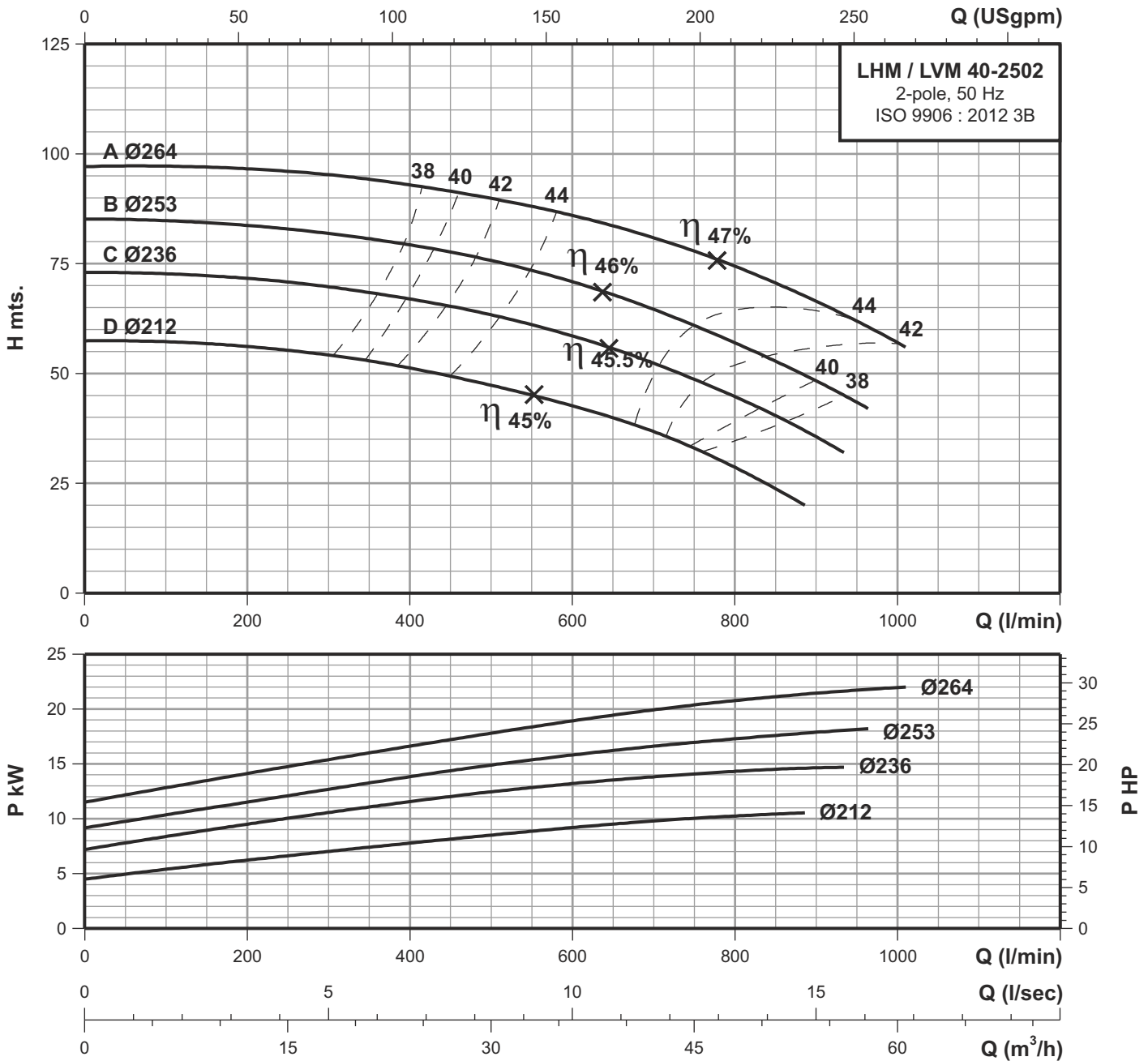


		LHM				LVM			
Power	[kW]	11.0	15.0	18.5	22.0	11.0	15.0	18.5	22.0
	[hp]	15.0	20.0	25.0	30.0	15.0	20.0	25.0	30.0
DNd	[mm]	40	40	40	40	40	40	40	40
h1	[mm]	180	180	180	180	180	180	180	180
h2	[mm]	257	257	257	257	432	432	432	432
h3	[mm]	-	-	-	-	398	398	398	398
L	[mm]	281	281	281	281	294	294	294	294
LB	[mm]	606	626	646	666	606	626	646	666
G1	[mm]	160	160	160	160	160	160	160	160
G2	[mm]	170	170	170	170	170	170	170	170
m1	[mm]	125	125	125	125	-	-	-	-
m2	[mm]	95	95	95	95	-	-	-	-
m3	[mm]	484	504	524	544	-	-	-	-
n1	[mm]	320	320	320	320	320	320	320	320
n2	[mm]	250	250	250	250	-	-	-	-
n3	[mm]	65	65	65	65	-	-	-	-
b	[mm]	65	65	65	65	-	-	-	-
s	[mm]	14	14	14	14	-	-	-	-
s1	[mm]	14	14	14	14	-	-	-	-
ØA	[mm]	-	-	-	-	275	275	275	275
Net Weight	[kg]	140	151	151	157	155	166	166	172
Gross Weight	[kg]	185	196	201	207	200	211	216	222
Volume	[m ³]	0.370	0.370	0.450	0.450	0.370	0.370	0.450	0.450

Performance curves

Submerged centrifugal pumpset

LHM / LVM 40-2502



Performance data at n=2900 rpm

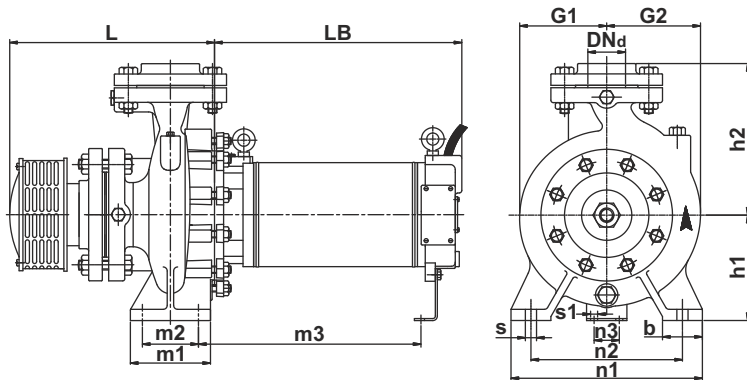
Model	Power		Q m³/h	12	24	36	48	60
	kW	HP		200	400	600	800	1000
LHM / LVM 40-2502D	11.0	15.0	H mts.	56.2	51.3	42.8	28.4	-
LHM / LVM 40-2502C	15.0	20.0		71.6	67	58.5	44.8	-
LHM / LVM 40-2502B	18.5	25.0		83.8	79.5	71	56.9	-
LHM / LVM 40-2502A	22.0	30.0		96.5	93	86	74.3	57

Technical Data

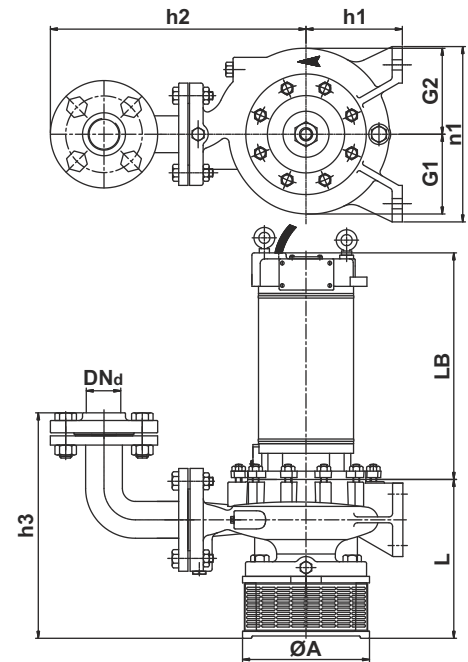
Submerged centrifugal pumpset

LHM / LVM 40-250L2

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

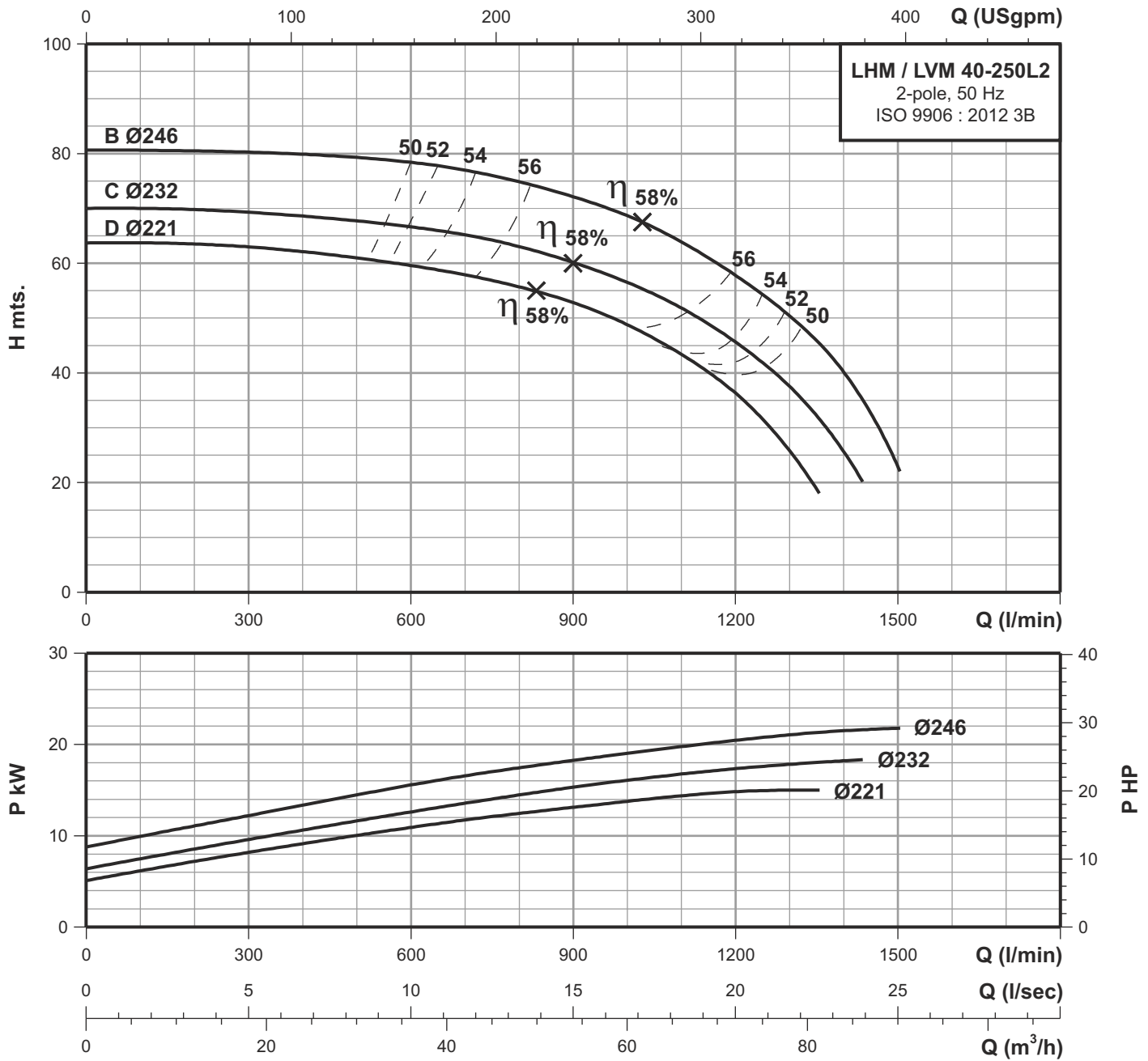


		LHM			LVM		
Power	[kW]	15.0	18.5	22.0	15.0	18.5	22.0
	[hp]	20.0	25.0	30.0	20.0	25.0	30.0
DNd	[mm]	40	40	40	40	40	40
h1	[mm]	180	180	180	180	180	180
h2	[mm]	257	257	257	432	432	432
h3	[mm]	-	-	-	398	398	398
L	[mm]	281	281	281	294	294	294
LB	[mm]	626	646	666	626	646	666
G1	[mm]	164	164	164	164	164	164
G2	[mm]	177	177	177	177	177	177
m1	[mm]	125	125	125	-	-	-
m2	[mm]	95	95	95	-	-	-
m3	[mm]	504	524	544	-	-	-
n1	[mm]	320	320	320	320	320	320
n2	[mm]	250	250	250	-	-	-
n3	[mm]	65	65	65	-	-	-
b	[mm]	65	65	65	-	-	-
s	[mm]	14	14	14	-	-	-
s1	[mm]	14	14	14	-	-	-
ØA	[mm]	-	-	-	275	275	275
Net Weight	[kg]	153	152	158	168	167	173
Gross Weight	[kg]	198	202	208	213	217	223
Volume	[m ³]	0.370	0.450	0.450	0.370	0.450	0.450

Performance curves

Submerged centrifugal pumpset

LHM / LVM 40-250L2



Performance data at n=2900 rpm

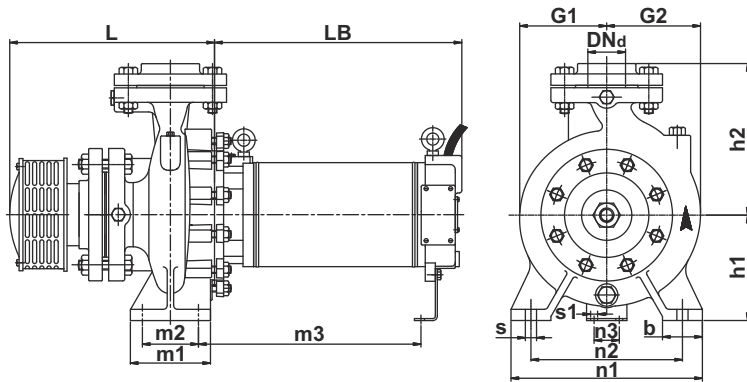
Model	Power		Q m³/h	36	42	48	54	60	66	72	78	84	90
	kW	HP		Q l/min	600	700	800	900	1000	1100	1200	1300	1400
LHM / LVM 40-250L2D	15.0	20.0	H mts.	59.6	57.8	55.7	52.6	48.7	43.6	36.3	25.7	-	-
LHM / LVM 40-250L2C	18.5	25.0		66.7	65.2	63.1	60.2	56.6	52	45.8	37.6	25.8	-
LHM / LVM 40-250L2B	22.0	30.0		78.4	77	74.8	72.1	68.7	63.9	57.8	50.5	40.3	22.4

Technical Data

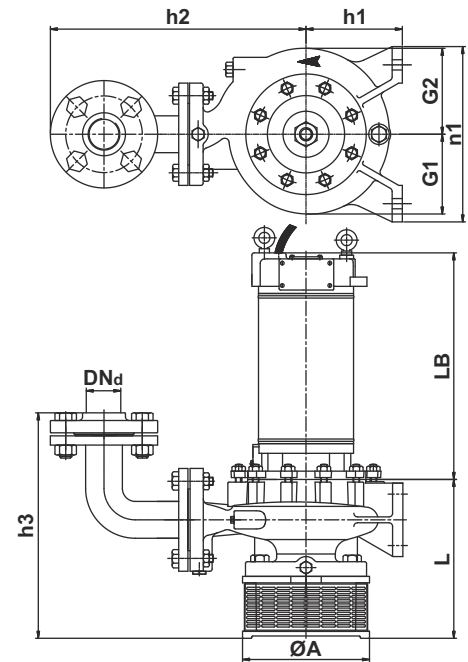
Submerged centrifugal pumpset

LHM / LVM 50-1252

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

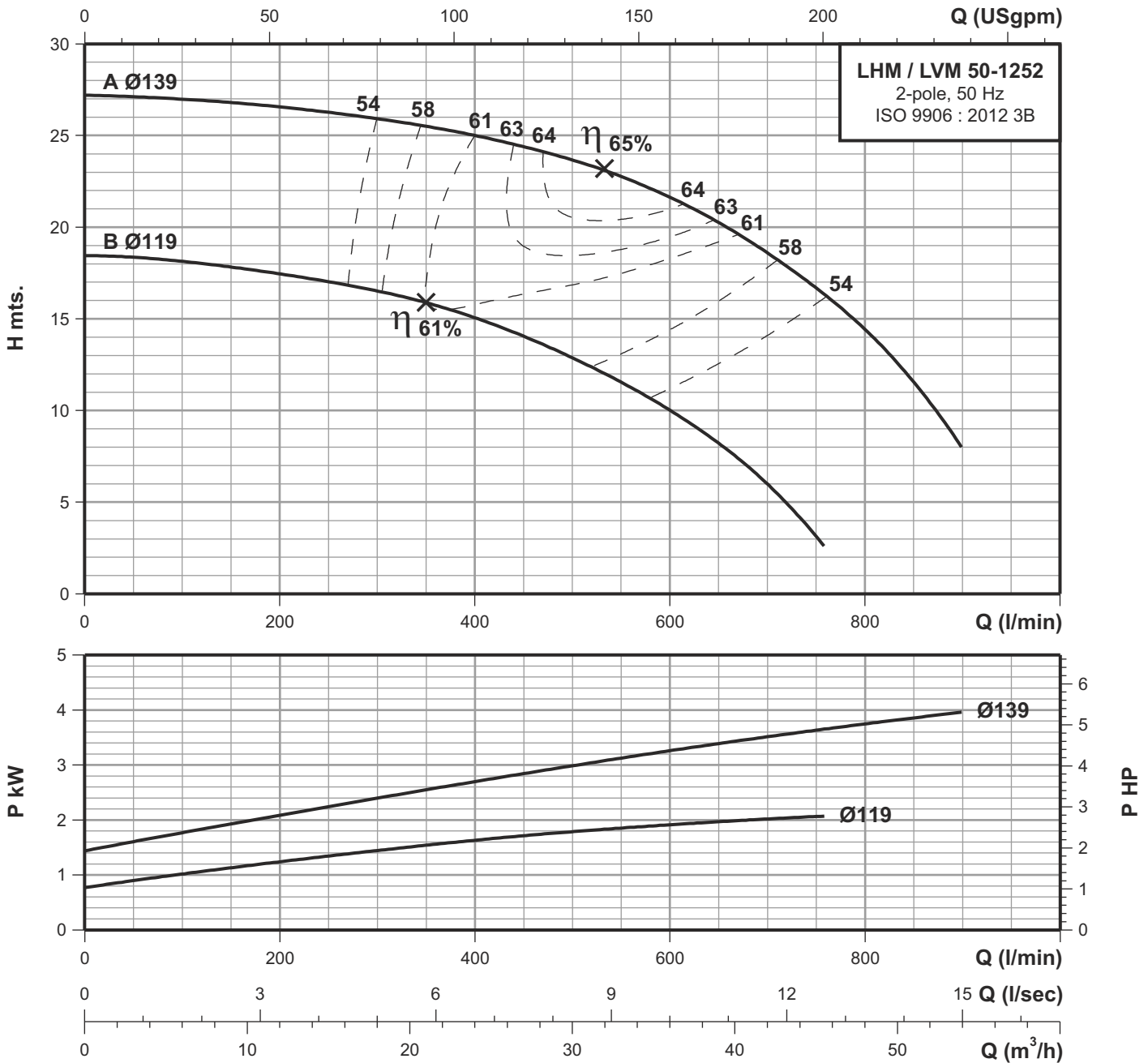


		LHM		LVM	
Power	[kW]	2.20	4.00	2.20	4.00
	[hp]	3.00	5.50	3.00	5.50
DNd	[mm]	50	50	50	50
h1	[mm]	132	132	132	132
h2	[mm]	194	194	380	380
h3	[mm]	-	-	405	405
L	[mm]	268	268	284	284
LB	[mm]	441	471	441	471
G1	[mm]	98	98	98	98
G2	[mm]	113	113	113	113
m1	[mm]	100	100	-	-
m2	[mm]	70	70	-	-
m3	[mm]	370	390	-	-
n1	[mm]	240	265	240	265
n2	[mm]	190	212	-	-
n3	[mm]	50	50	-	-
b	[mm]	50	50	-	-
s	[mm]	14	14	-	-
s1	[mm]	14	14	-	-
ØA	[mm]	-	-	275	275
Net Weight	[kg]	63	69	78	84
Gross Weight	[kg]	91	97	106	112
Volume	[m ³]	0.180	0.180	0.180	0.180

Performance curves

Submerged centrifugal pumpset

LHM / LVM 50-1252



Performance data at n=2900 rpm

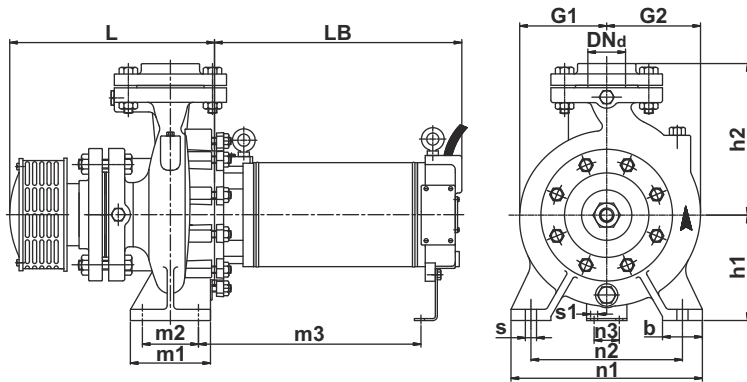
Model	Power		Q m³/h	12	18	24	30	36	42	48
	kW	HP		Q l/min	200	300	400	500	600	700
LHM / LVM 50-1252B	2.20	3.00	H mts.	17.5	16.5	15	12.8	10	6	-
LHM / LVM 50-1252A	4.00	5.50		26.5	26	25	23.7	21.7	18.6	14.5

Technical Data

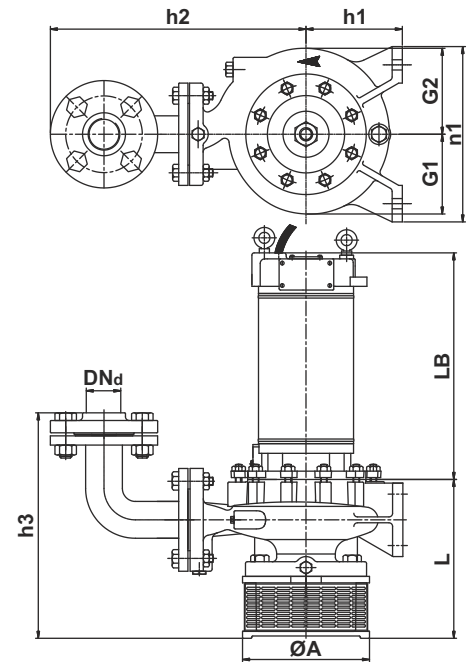
Submerged centrifugal pumpset

LHM / LVM 50-125L2

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

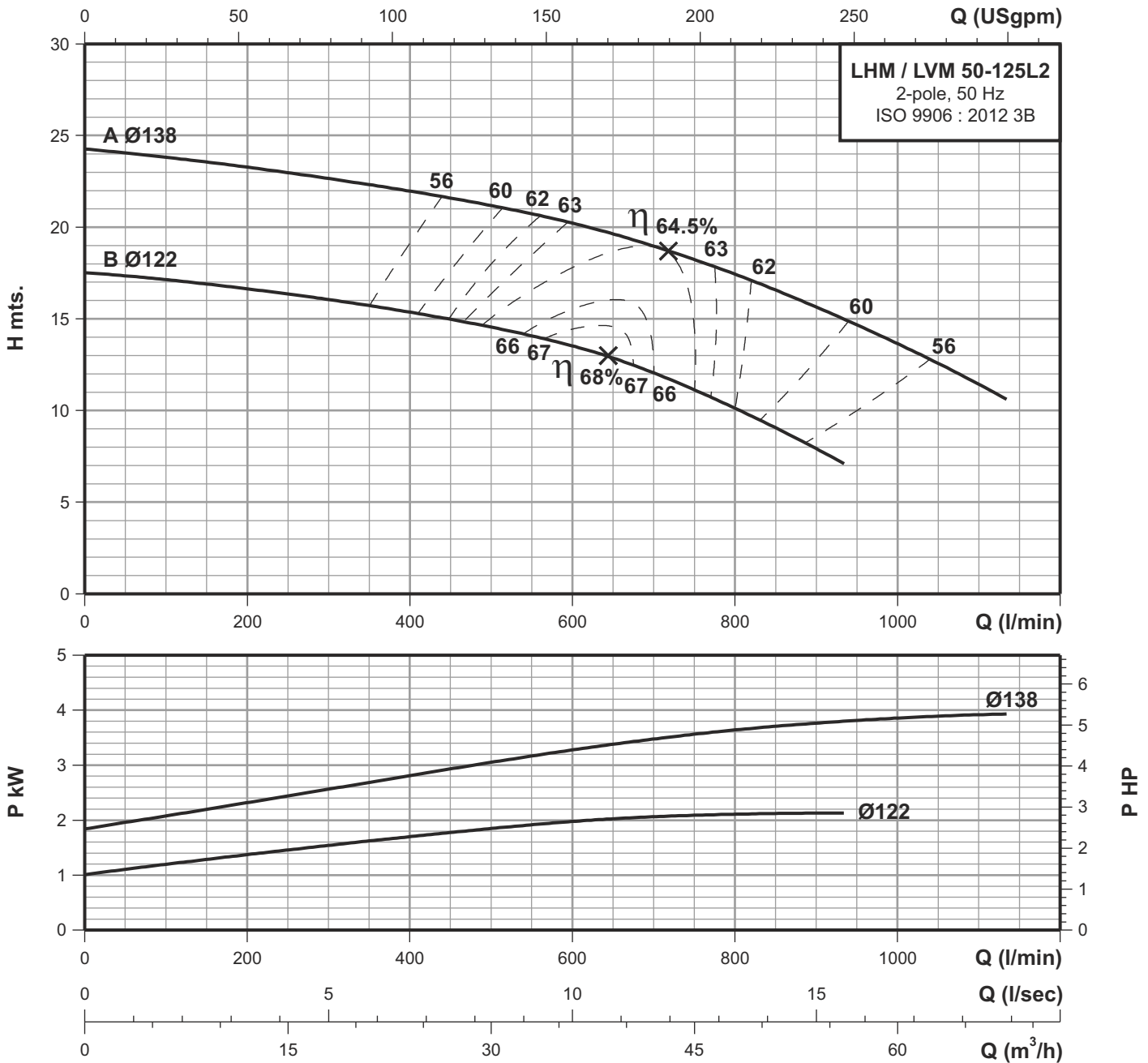


		LHM		LVM	
Power	[kW]	2.20	4.00	2.20	4.00
	[hp]	3.00	5.50	3.00	5.50
DNd	[mm]	50	50	50	50
h1	[mm]	132	132	132	132
h2	[mm]	194	194	380	380
h3	[mm]	-	-	405	405
L	[mm]	268	268	284	284
LB	[mm]	441	471	441	471
G1	[mm]	105	105	105	105
G2	[mm]	125	125	125	125
m1	[mm]	100	100	-	-
m2	[mm]	70	70	-	-
m3	[mm]	370	390	-	-
n1	[mm]	240	240	240	240
n2	[mm]	190	190	-	-
n3	[mm]	50	50	-	-
b	[mm]	50	50	-	-
s	[mm]	14	14	-	-
s1	[mm]	14	14	-	-
ØA	[mm]	-	-	275	275
Net Weight	[kg]	63	68	78	83
Gross Weight	[kg]	91	96	106	111
Volume	[m ³]	0.180	0.180	0.180	0.180

Performance curves

Submerged centrifugal pumpset

LHM / LVM 50-125L2



Performance data at n=2900 rpm

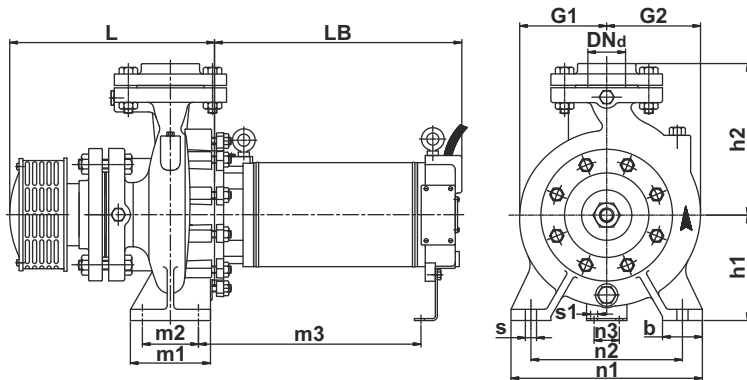
Model	Power		Q m ³ /h	24	30	36	42	48	54	60	66
	kW	HP		Q l/min	400	500	600	700	800	900	1000
LHM / LVM 50-125L2B	2.20	3.00	H mts.	15.3	14.5	13.5	12	10.1	8	-	-
LHM / LVM 50-125L2A	4.00	5.50		22	21.2	20.2	18.9	17.4	15.6	13.7	11.4

Technical Data

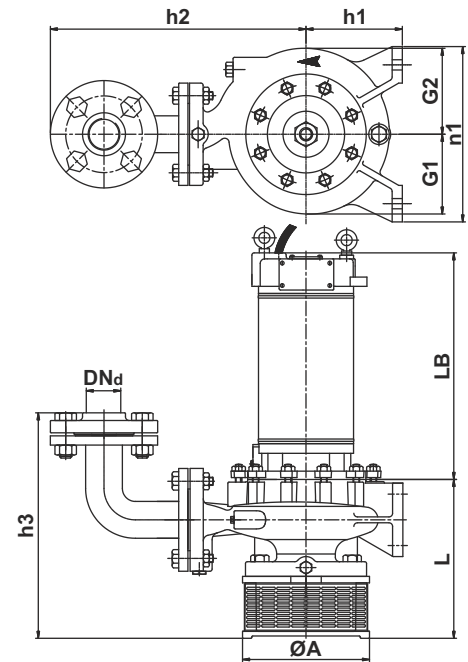
Submerged centrifugal pumpset

LHM / LVM 50-1602

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

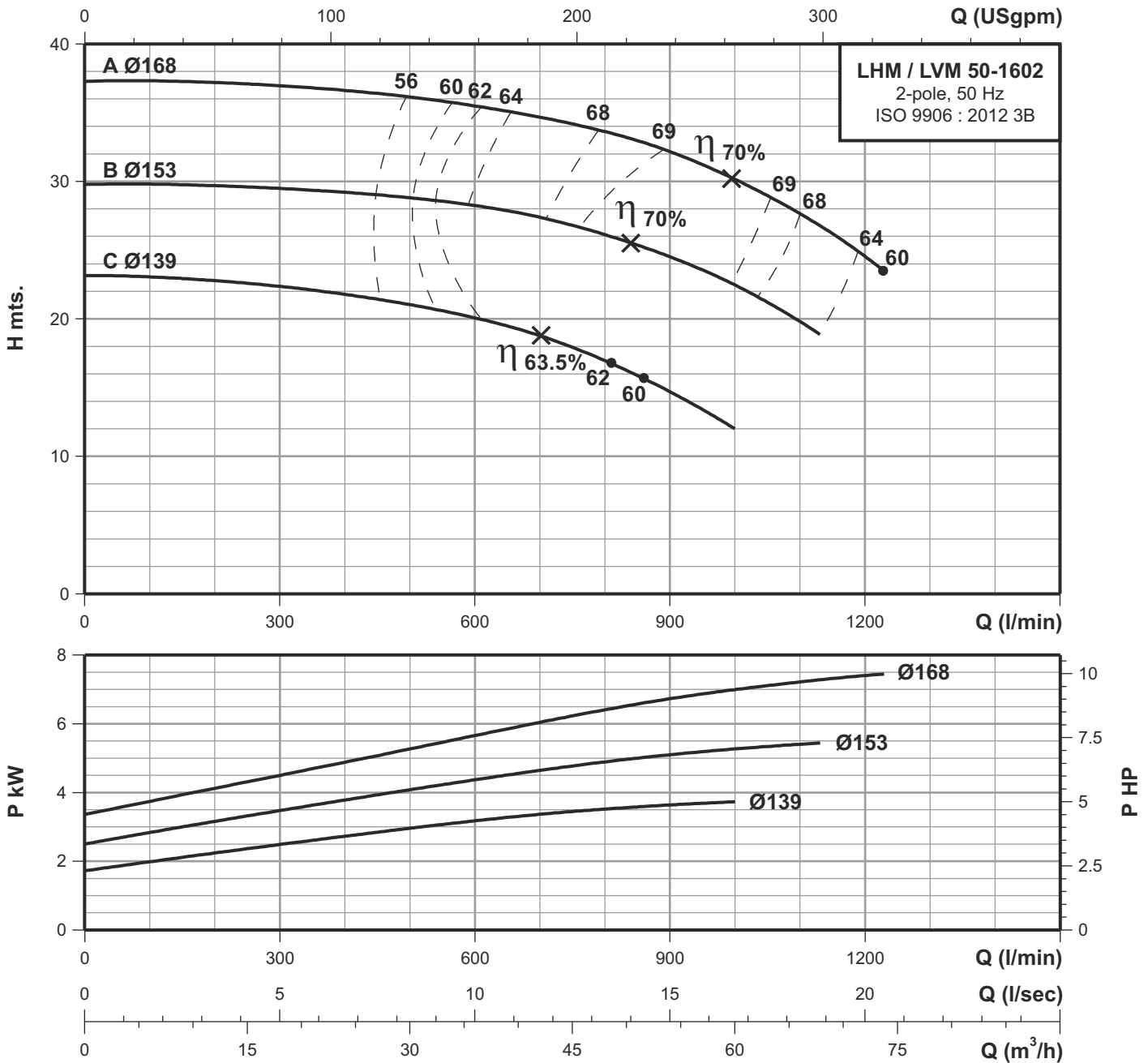


		LHM			LVM		
Power	[kW]	4.00	5.50	7.50	4.00	5.50	7.50
	[hp]	5.50	7.50	10.0	5.50	7.50	10.0
DNd	[mm]	50	50	50	50	50	50
h1	[mm]	160	160	160	160	160	160
h2	[mm]	214	214	214	400	400	400
h3	[mm]	-	-	-	405	405	405
L	[mm]	271	271	271	284	284	284
LB	[mm]	468	465	495	468	465	495
G1	[mm]	121	121	121	121	121	121
G2	[mm]	138	138	138	138	138	138
m1	[mm]	100	100	100	-	-	-
m2	[mm]	70	70	70	-	-	-
m3	[mm]	390	397	427	-	-	-
n1	[mm]	265	265	265	265	265	265
n2	[mm]	212	212	212	-	-	-
n3	[mm]	50	50	50	-	-	-
b	[mm]	50	50	50	-	-	-
s	[mm]	14	14	14	-	-	-
s1	[mm]	14	14	14	-	-	-
ØA	[mm]	-	-	-	275	275	275
Net Weight	[kg]	72	88.3	94.9	87	103	109.9
Gross Weight	[kg]	100	123.3	129.9	115	138	144.9
Volume	[m ³]	0.180	0.220	0.220	0.180	0.220	0.220

Performance curves

Submerged centrifugal pumpset

LHM / LVM 50-1602



Performance data at n=2900 rpm

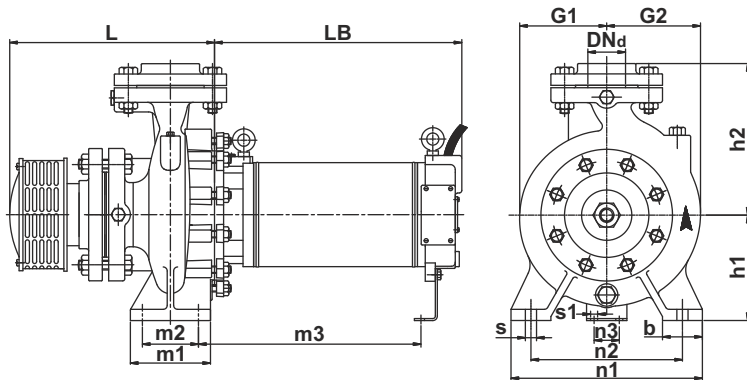
Model	Power		Q m ³ /h	30	36	42	48	54	60	66	72
	kW	HP		Q l/min	500	600	700	800	900	1000	1100
LHM / LVM 50-1602C	4.00	5.50	H mts.	21	20	18.8	17	14.6	12	-	-
LHM / LVM 50-1602B	5.50	7.50		28.7	28.2	27.3	26.1	24.5	22.5	19.7	-
LHM / LVM 50-1602A	7.50	10.0		36.1	35.4	34.7	33.6	32.2	30.2	27.6	24.5

Technical Data

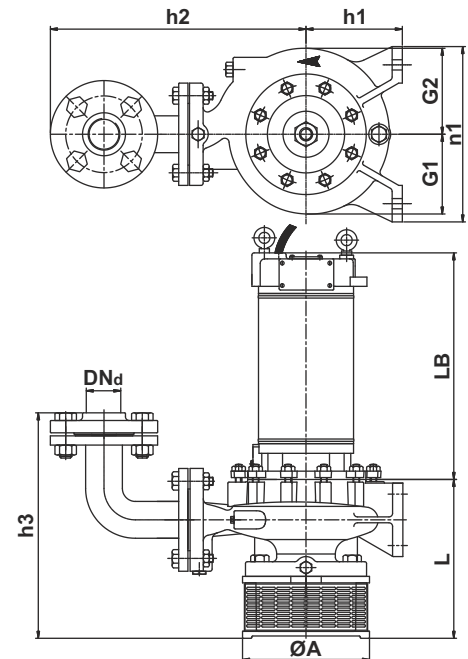
Submerged centrifugal pumpset

LHM / LVM 50-2002

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

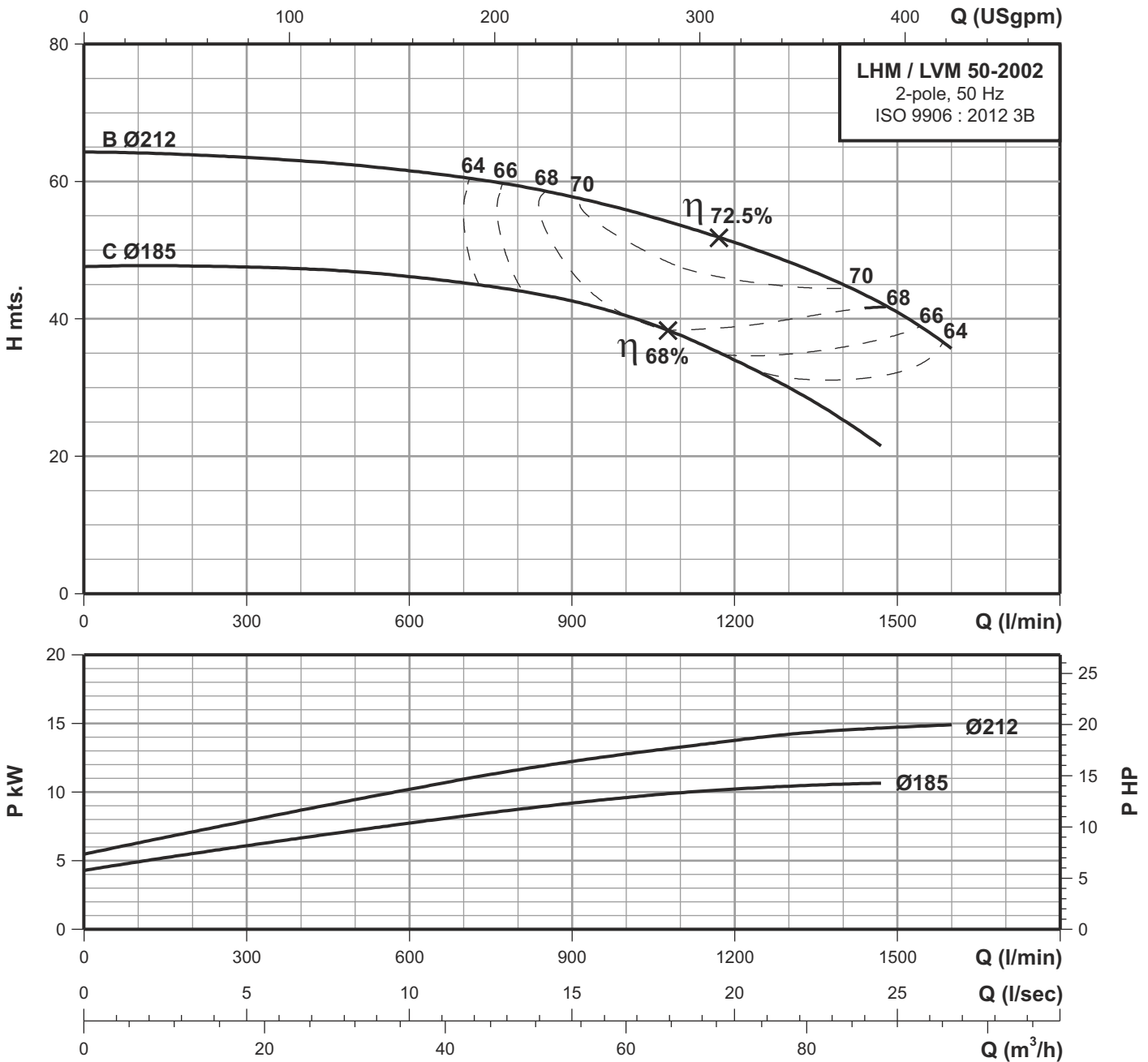


		LHM		LVM	
Power	[kW]	11.0	15.0	11.0	15.0
	[hp]	15.0	20.0	15.0	20.0
DNd	[mm]	50	50	50	50
h1	[mm]	160	160	160	160
h2	[mm]	234	234	420	420
h3	[mm]	-	-	405	405
L	[mm]	276	276	290	290
LB	[mm]	606	626	606	626
G1	[mm]	140	140	140	140
G2	[mm]	155	155	155	155
m1	[mm]	100	100	-	-
m2	[mm]	70	70	-	-
m3	[mm]	492	512	-	-
n1	[mm]	265	265	265	265
n2	[mm]	212	212	-	-
n3	[mm]	65	65	-	-
b	[mm]	50	50	-	-
s	[mm]	14	14	-	-
s1	[mm]	14	14	-	-
ØA	[mm]	-	-	275	275
Net Weight	[kg]	134	145	149	160
Gross Weight	[kg]	179	190	194	205
Volume	[m ³]	0.370	0.370	0.370	0.370

Performance curves

Submerged centrifugal pumpset

LHM / LVM 50-2002



Performance data at n=2900 rpm

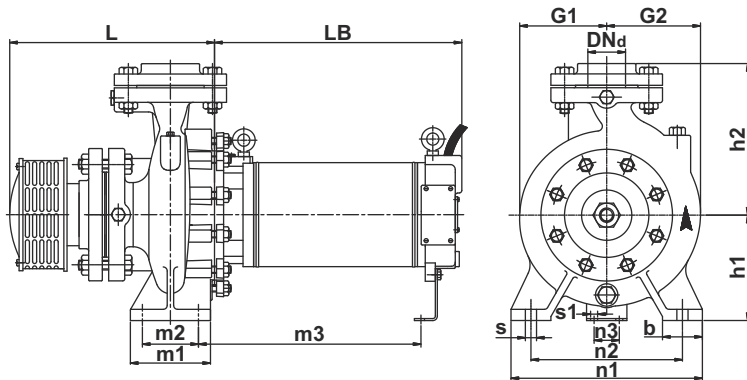
Model	Power		Q m³/h	42	48	54	60	66	72	78	84	90	96
	kW	HP		Q l/min	700	800	900	1000	1100	1200	1300	1400	1500
LHM / LVM 50-2002C	11.0	15.0	H mts.	45.2	44.2	42.6	40.5	37.6	34	30	25.3	-	-
LHM / LVM 50-2002B	15.0	20.0		60.7	59.3	57.8	55.9	53.6	51.2	48.4	45	41	35.5

Technical Data

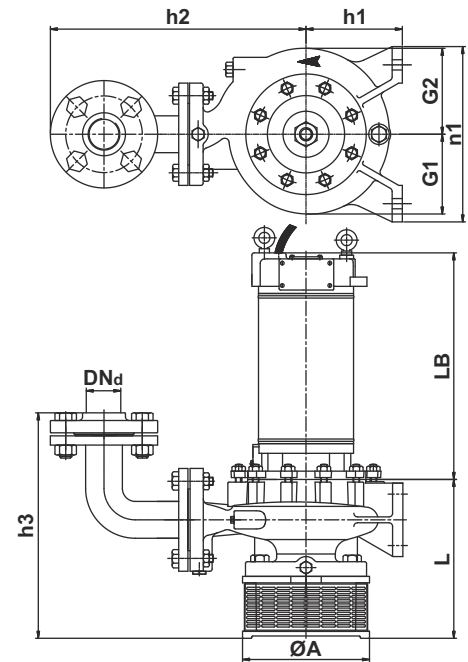
Submerged centrifugal pumpset

LHM / LVM 50-2502

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

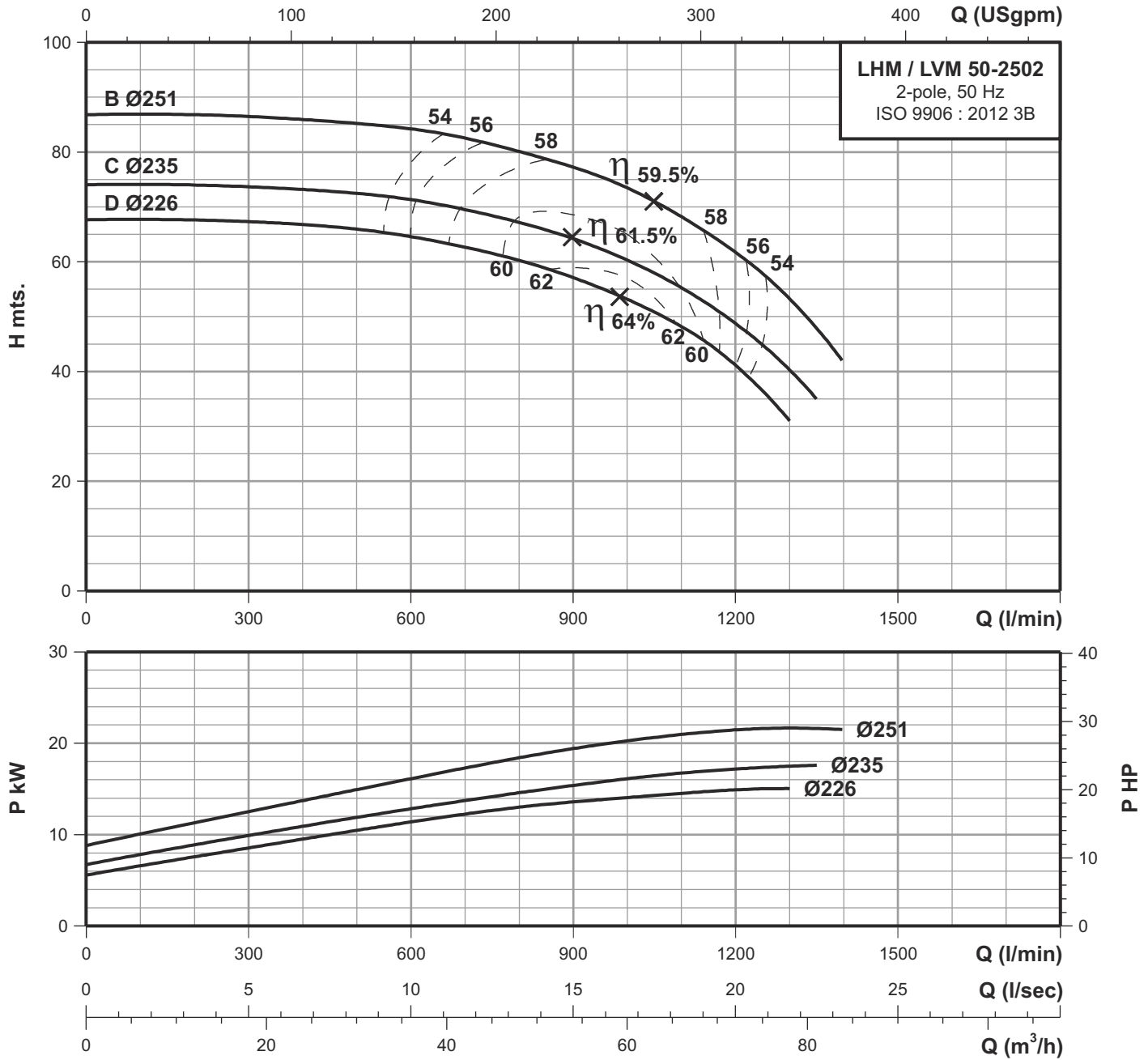


		LHM			LVM		
Power	[kW]	15.0	18.5	22.0	15.0	18.5	22.0
	[hp]	20.0	25.0	30.0	20.0	25.0	30.0
DNd	[mm]	50	50	50	50	50	50
h1	[mm]	180	180	180	180	180	180
h2	[mm]	234	234	234	445	445	445
h3	[mm]	-	-	-	405	405	405
L	[mm]	281	281	281	294	294	294
LB	[mm]	626	646	666	626	646	666
G1	[mm]	161	161	161	161	161	161
G2	[mm]	175	175	175	175	175	175
m1	[mm]	125	125	125	-	-	-
m2	[mm]	95	95	95	-	-	-
m3	[mm]	504	524	544	-	-	-
n1	[mm]	320	320	320	320	320	320
n2	[mm]	250	250	250	-	-	-
n3	[mm]	65	65	65	-	-	-
b	[mm]	65	65	65	-	-	-
s	[mm]	14	14	14	-	-	-
s1	[mm]	14	14	14	-	-	-
ØA	[mm]	-	-	-	275	275	275
Net Weight	[kg]	153	152	158	168	167	173
Gross Weight	[kg]	198	202	208	213	217	223
Volume	[m ³]	0.370	0.450	0.450	0.370	0.450	0.450

Performance curves

Submerged centrifugal pumpset

LHM / LVM 50-2502



Performance data at n=2900 rpm

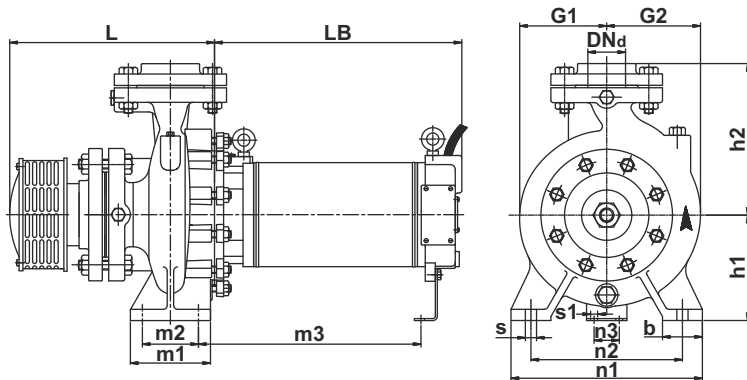
Model	Power		Q m ³ /h	36	42	48	54	60	66	72	78
	kW	HP		Q l/min	600	700	800	900	1000	1100	1200
LHM / LVM 50-2502D	15.0	20.0	H mts.	64.4	62.7	60	57.4	53	48.3	41	31
LHM / LVM 50-2502C	18.5	25.0		71.4	69.4	67.1	64.1	60.4	55.4	48.7	40.3
LHM / LVM 50-2502B	22.0	30.0		84.2	82.6	80.2	77.2	73.5	68.1	61.7	53.4

Technical Data

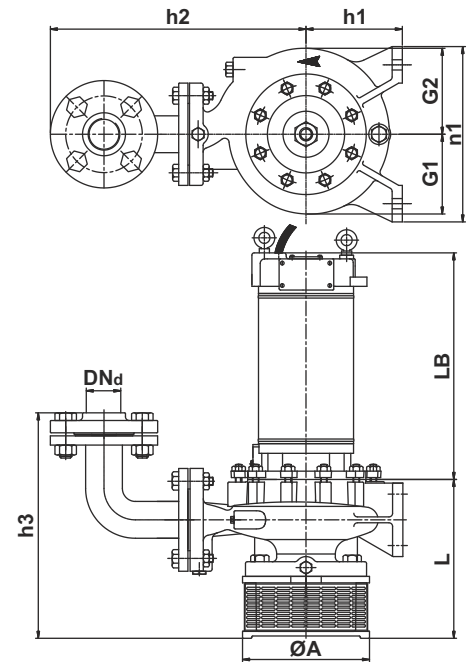
Submerged centrifugal pumpset

LHM / LVM 65-1252

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

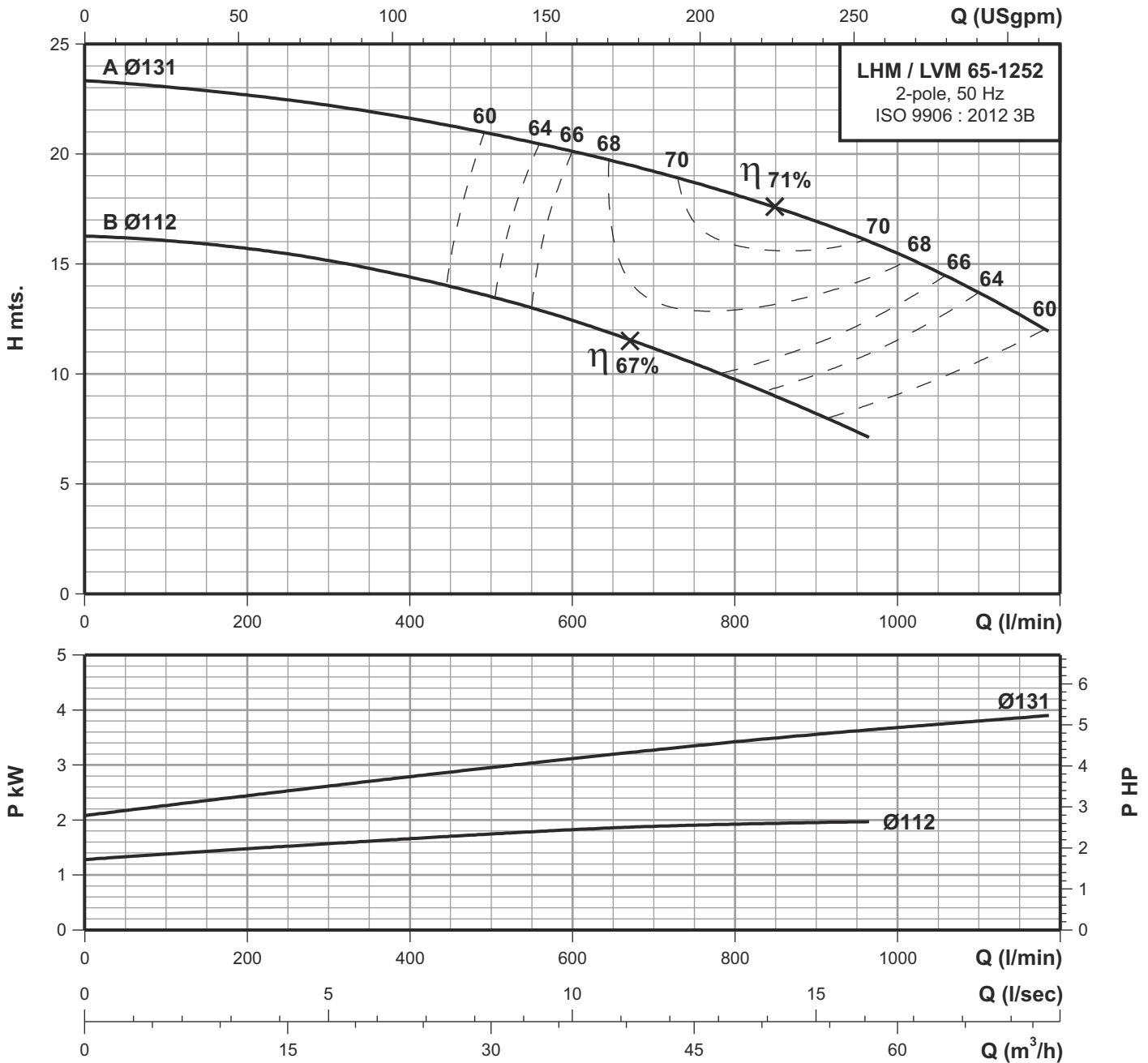


		LHM		LVM	
Power	[kW]	2.20	4.00	2.20	4.00
	[hp]	3.00	5.50	3.00	5.50
DNd	[mm]	65	65	65	65
h1	[mm]	160	160	160	160
h2	[mm]	216	216	435	435
h3	[mm]	-	-	432	432
L	[mm]	294	294	284	284
LB	[mm]	441	471	441	471
G1	[mm]	104	104	104	104
G2	[mm]	129	129	129	129
m1	[mm]	125	125	-	-
m2	[mm]	95	95	-	-
m3	[mm]	358	378	-	-
n1	[mm]	280	280	280	280
n2	[mm]	212	212	-	-
n3	[mm]	50	50	-	-
b	[mm]	65	65	-	-
s	[mm]	14	14	-	-
s1	[mm]	14	14	-	-
ØA	[mm]	-	-	275	275
Net Weight	[kg]	69	73	84	88
Gross Weight	[kg]	97	101	112	116
Volume	[m ³]	0.180	0.180	0.180	0.180

Performance curves

Submerged centrifugal pumpset

LHM / LVM 65-1252



Performance data at n=2900 rpm

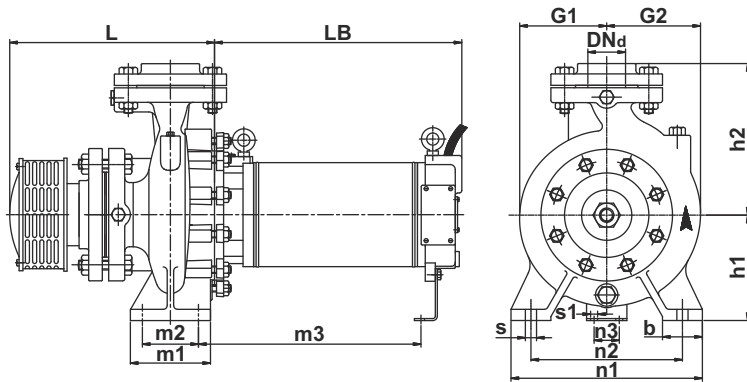
Model	Power		Q m ³ /h	24	30	36	42	48	54	60	66
	kW	HP		Q l/min	400	500	600	700	800	900	1000
LHM / LVM 65-1252B	2.20	3.00	H mts.	14.4	13.4	12.4	11.2	9.8	8.3	-	-
LHM / LVM 65-1252A	4.00	5.50		21.6	20.8	20.1	19.2	18.1	16.9	15.5	13.7

Technical Data

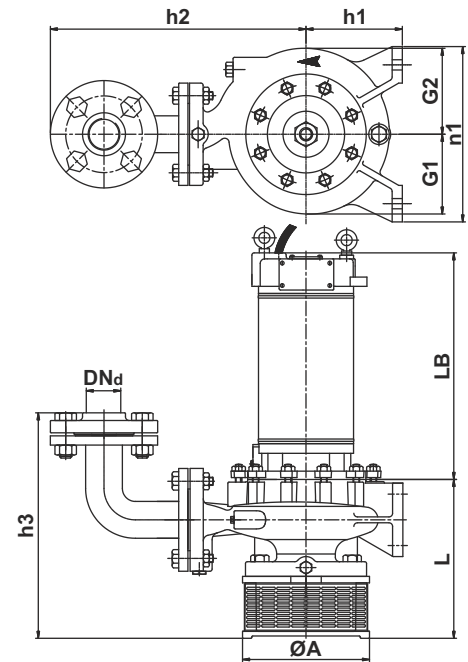
Submerged centrifugal pumpset

LHM / LVM 65-1602

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

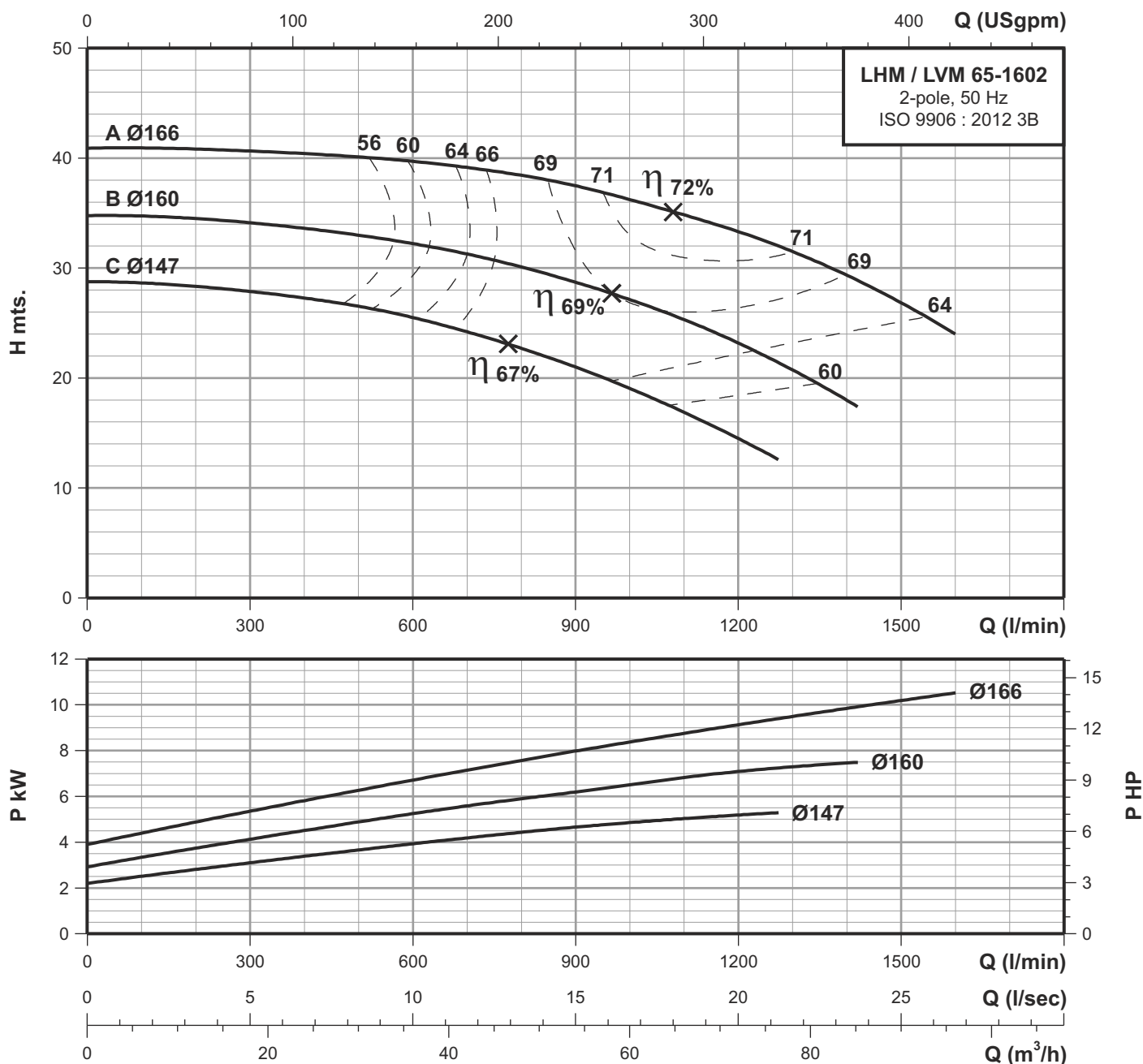


		LHM			LVM		
Power	[kW]	5.50	7.50	11.0	5.50	7.50	11.0
	[hp]	7.50	10.0	15.0	7.50	10.0	15.0
DNd	[mm]	65	65	65	65	65	65
h1	[mm]	160	160	160	160	160	160
h2	[mm]	236	236	236	455	455	455
h3	[mm]	-	-	-	432	432	432
L	[mm]	296.5	296.5	296.5	284	284	284
LB	[mm]	465	495	606	465	495	606
G1	[mm]	120	120	120	120	120	120
G2	[mm]	140	140	140	140	140	140
m1	[mm]	125	125	125	-	-	-
m2	[mm]	95	95	95	-	-	-
m3	[mm]	384	414	473.5	-	-	-
n1	[mm]	280	280	280	280	280	280
n2	[mm]	212	212	212	-	-	-
n3	[mm]	50	50	65	-	-	-
b	[mm]	65	65	65	-	-	-
s	[mm]	14	14	14	-	-	-
s1	[mm]	14	14	14	-	-	-
ØA	[mm]	-	-	-	275	275	275
Net Weight	[kg]	92.5	97.1	130	107.5	112	145
Gross Weight	[kg]	127.5	132.1	175	142.5	147	190
Volume	[m ³]	0.220	0.220	0.370	0.220	0.220	0.370

Performance curves

Submerged centrifugal pumpset

LHM / LVM 65-1602



Performance data at n=2900 rpm

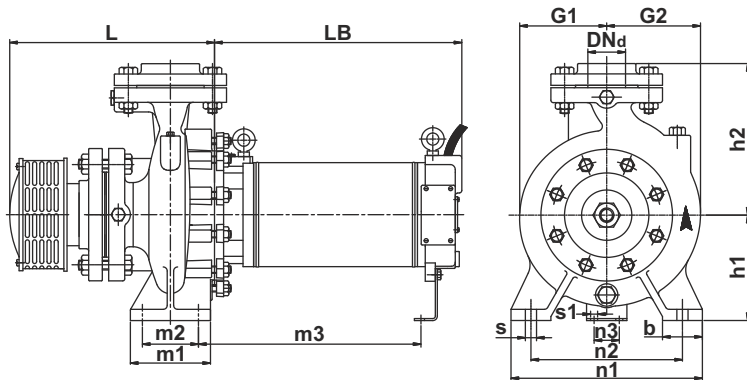
Model	Power		Q m³/h	42	48	54	60	66	72	78	84	90	96
	kW	HP		Q l/min	700	800	900	1000	1100	1200	1300	1400	1500
LHM / LVM 65-1602C	5.50	7.50	H mts.	24.2	22.7	21	19	16.9	14.5	-	-	-	-
LHM / LVM 65-1602B	7.50	10.0		31.2	30.1	28.7	27.2	25.5	23.2	20.7	18	-	-
LHM / LVM 65-1602A	11.0	15.0		39.2	38.4	37.5	36.2	34.8	33.3	31.5	29.3	26.8	24

Technical Data

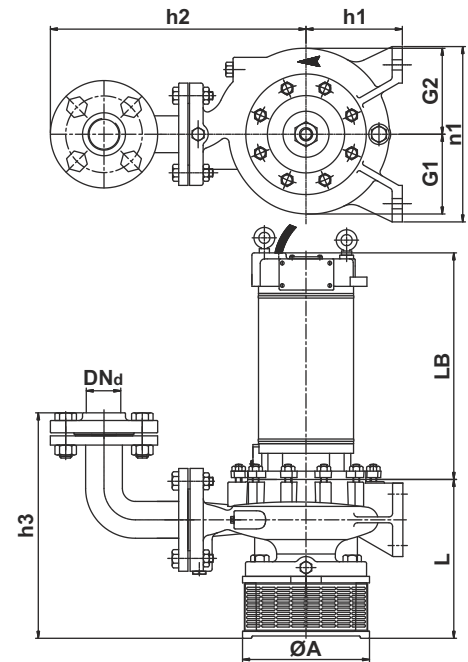
Submerged centrifugal pumpset

LHM / LVM 65-160L2

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

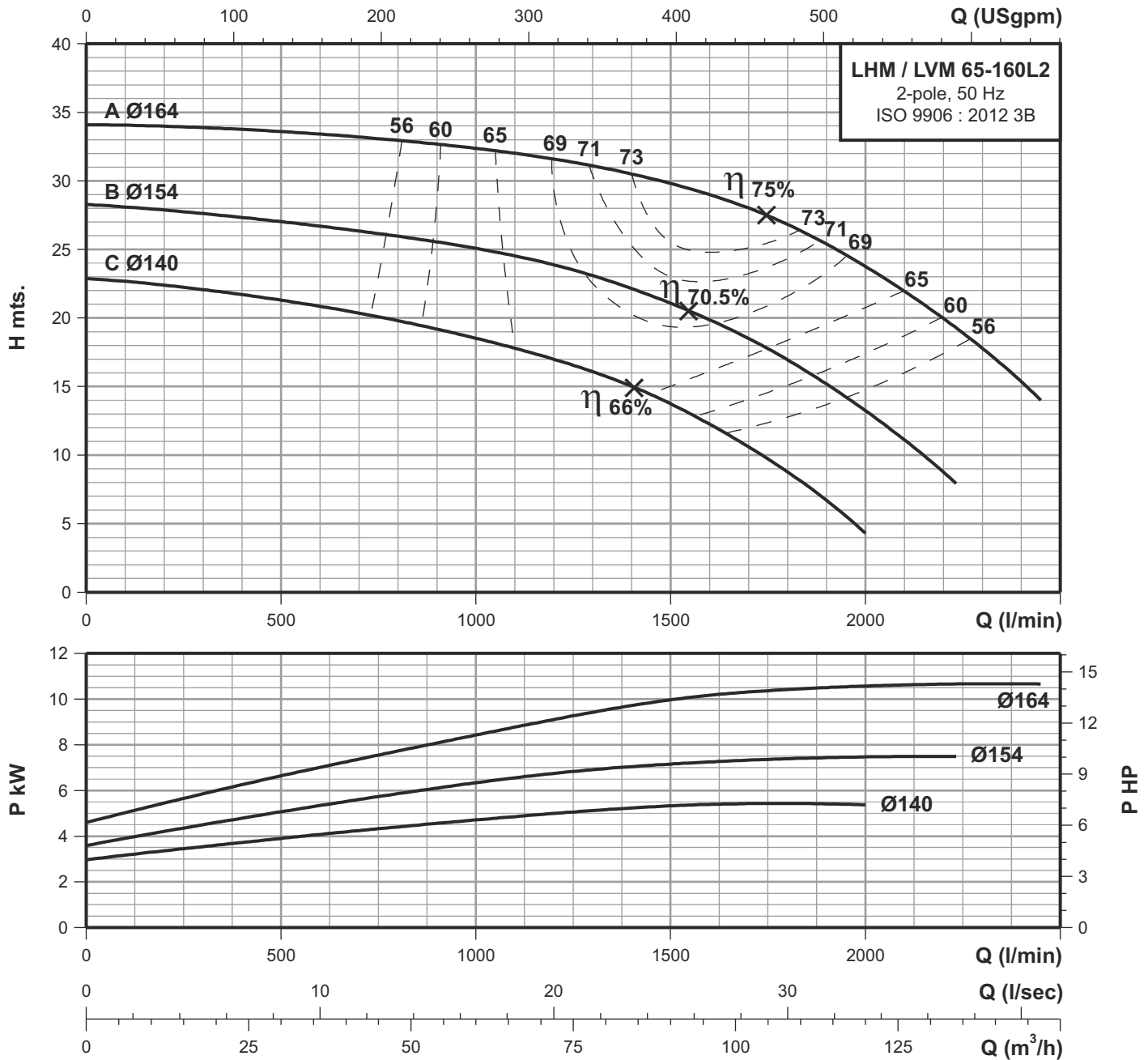


		LHM			LVM		
Power	[kW]	5.50	7.50	11.0	5.50	7.50	11.0
	[hp]	7.50	10.0	15.0	7.50	10.0	15.0
DNd	[mm]	65	65	65	65	65	65
h1	[mm]	160	160	160	160	160	160
h2	[mm]	236	236	236	455	455	455
h3	[mm]	-	-	-	432	432	432
L	[mm]	296.5	296.5	296.5	284	284	284
LB	[mm]	465	495	606	465	495	606
G1	[mm]	120	120	120	120	120	120
G2	[mm]	140	140	140	140	140	140
m1	[mm]	125	125	125	-	-	-
m2	[mm]	95	95	95	-	-	-
m3	[mm]	384	414	473.5	-	-	-
n1	[mm]	280	280	280	280	280	280
n2	[mm]	212	212	212	-	-	-
n3	[mm]	50	50	65	-	-	-
b	[mm]	65	65	65	-	-	-
s	[mm]	14	14	14	-	-	-
s1	[mm]	14	14	14	-	-	-
ØA	[mm]	-	-	-	275	275	275
Net Weight	[kg]	92.2	97.5	131	107	113	146
Gross Weight	[kg]	127.2	132.5	176	142	148	191
Volume	[m ³]	0.220	0.220	0.370	0.220	0.220	0.370

Performance curves

Submerged centrifugal pumpset

LHM / LVM 65-160L2



Performance data at n=2900 rpm

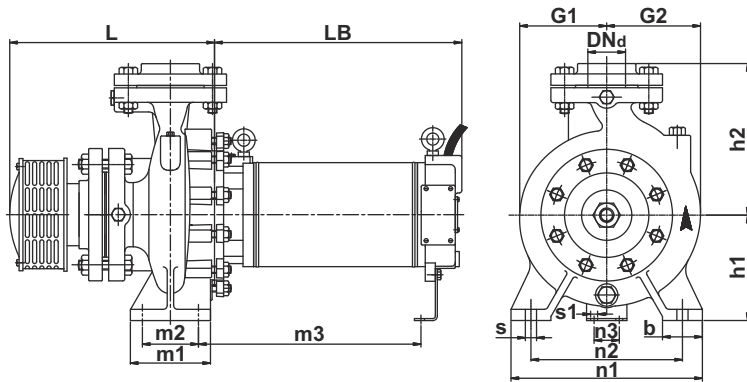
Model	Power		Q m³/h	30	45	60	75	90	105	120	135
	kW	HP		Q l/min	500	750	1000	1250	1500	1750	2000
LHM / LVM 65-160L2C	5.50	7.50	H mts.	21.3	20.1	18.5	16.6	13.7	9.7	-	-
LHM / LVM 65-160L2B	7.50	10.0		26.9	26.1	25	23.5	21	17.7	13.2	13.2
LHM / LVM 65-160L2A	11.0	15.0		33.6	33.0	32.4	31.3	29.8	27.5	23.8	18.8

Technical Data

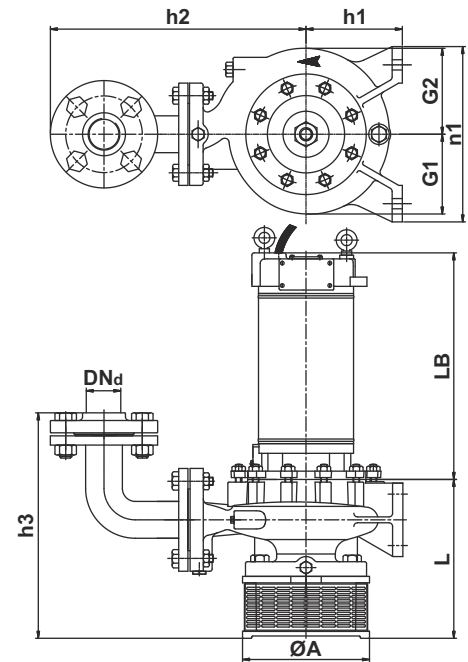
Submerged centrifugal pumpset

LHM / LVM 65-2002

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

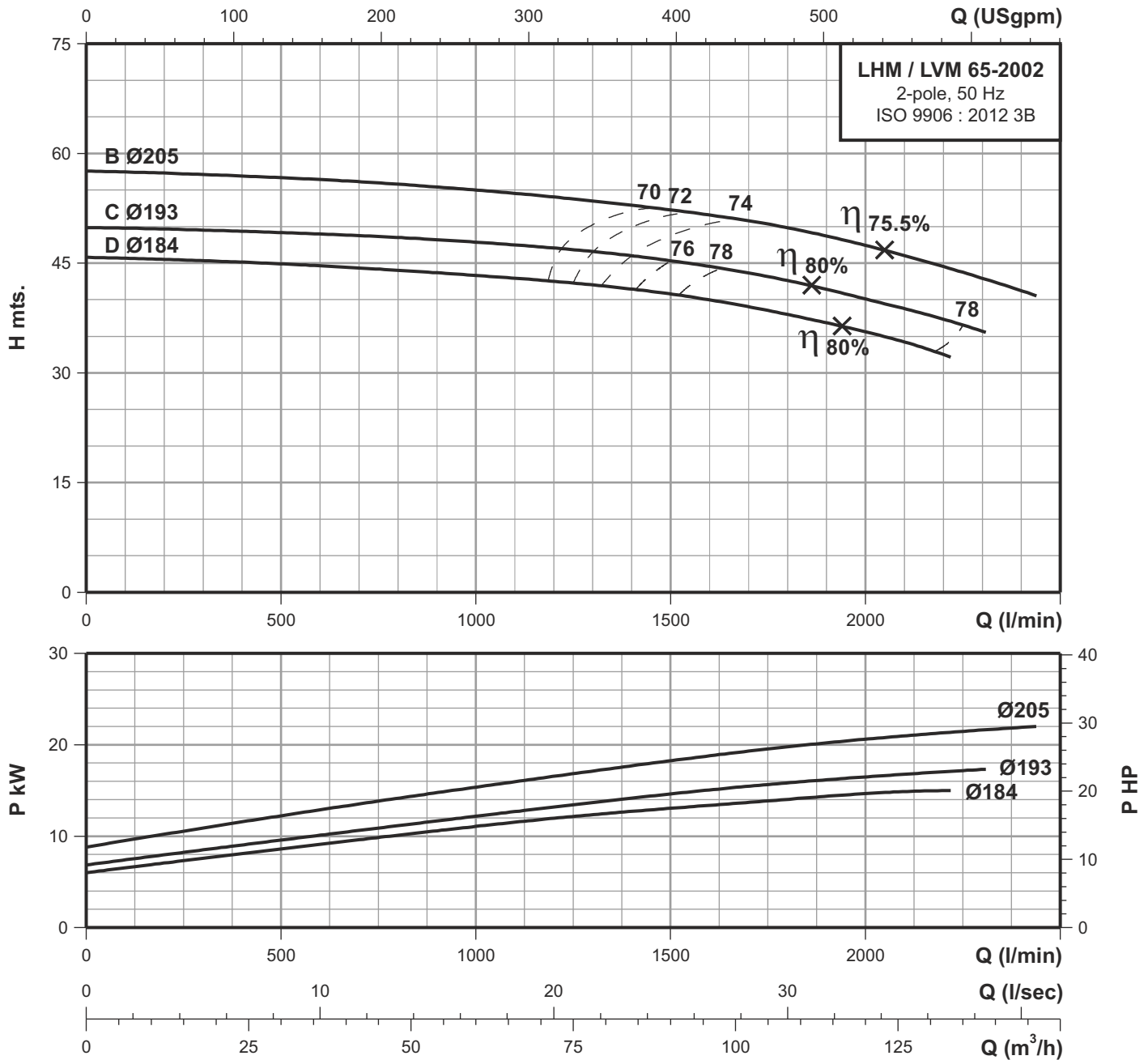


		LHM			LVM		
Power	[kW]	15.0	18.5	22.0	15.0	18.5	22.0
	[hp]	20.0	25.0	30.0	20.0	25.0	30.0
DNd	[mm]	65	65	65	65	65	65
h1	[mm]	180	180	180	180	180	180
h2	[mm]	261	261	261	480	480	480
h3	[mm]	-	-	-	432	432	432
L	[mm]	302	302	302	290	290	290
LB	[mm]	626	646	666	626	646	666
G1	[mm]	150	150	150	150	150	150
G2	[mm]	173	173	173	173	173	173
m1	[mm]	125	125	125	-	-	-
m2	[mm]	95	95	95	-	-	-
m3	[mm]	499	519	539	-	-	-
n1	[mm]	320	320	320	320	320	320
n2	[mm]	250	250	250	-	-	-
n3	[mm]	65	65	65	-	-	-
b	[mm]	65	65	65	-	-	-
s	[mm]	14	14	14	-	-	-
s1	[mm]	14	14	14	-	-	-
ØA	[mm]	-	-	-	275	275	275
Net Weight	[kg]	151	159	156	166	174	171
Gross Weight	[kg]	196	209	206	211	224	221
Volume	[m ³]	0.370	0.450	0.450	0.370	0.450	0.450

Performance curves

Submerged centrifugal pumpset

LHM / LVM 65-2002



Performance data at n=2900 rpm

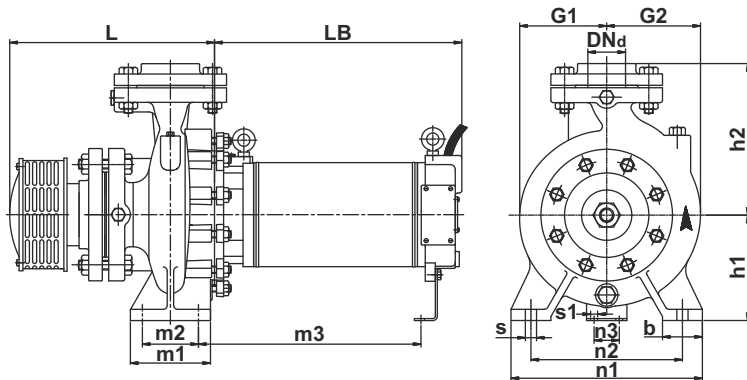
Model	Power		Q m³/h	30	45	60	75	90	105	120	135
	kW	HP		Q l/min	500	750	1000	1250	1500	1750	2000
LHM / LVM 65-2002D	15.0	20.0	H mts.	44.8	44.1	43.4	42.2	40.8	38.4	35.6	-
LHM / LVM 65-2002C	18.5	25.0		49.2	48.5	47.8	46.9	45.2	43.1	40.1	36.3
LHM / LVM 65-2002B	22.0	30.0		56.7	56	55.1	53.7	52.3	50.4	47.4	43.6

Technical Data

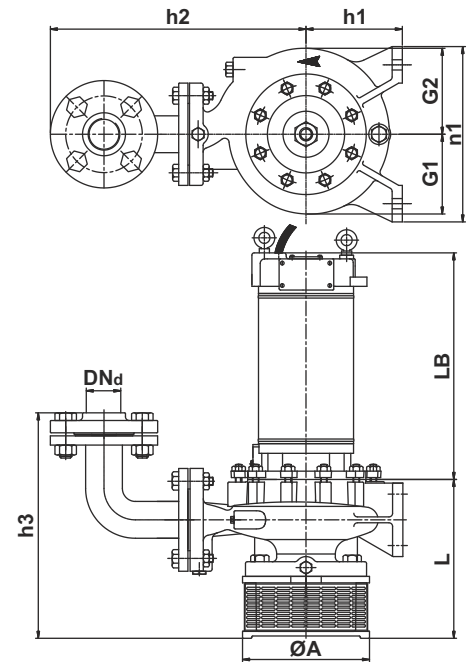
Submerged centrifugal pumpset

LHM / LVM 65-2502

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

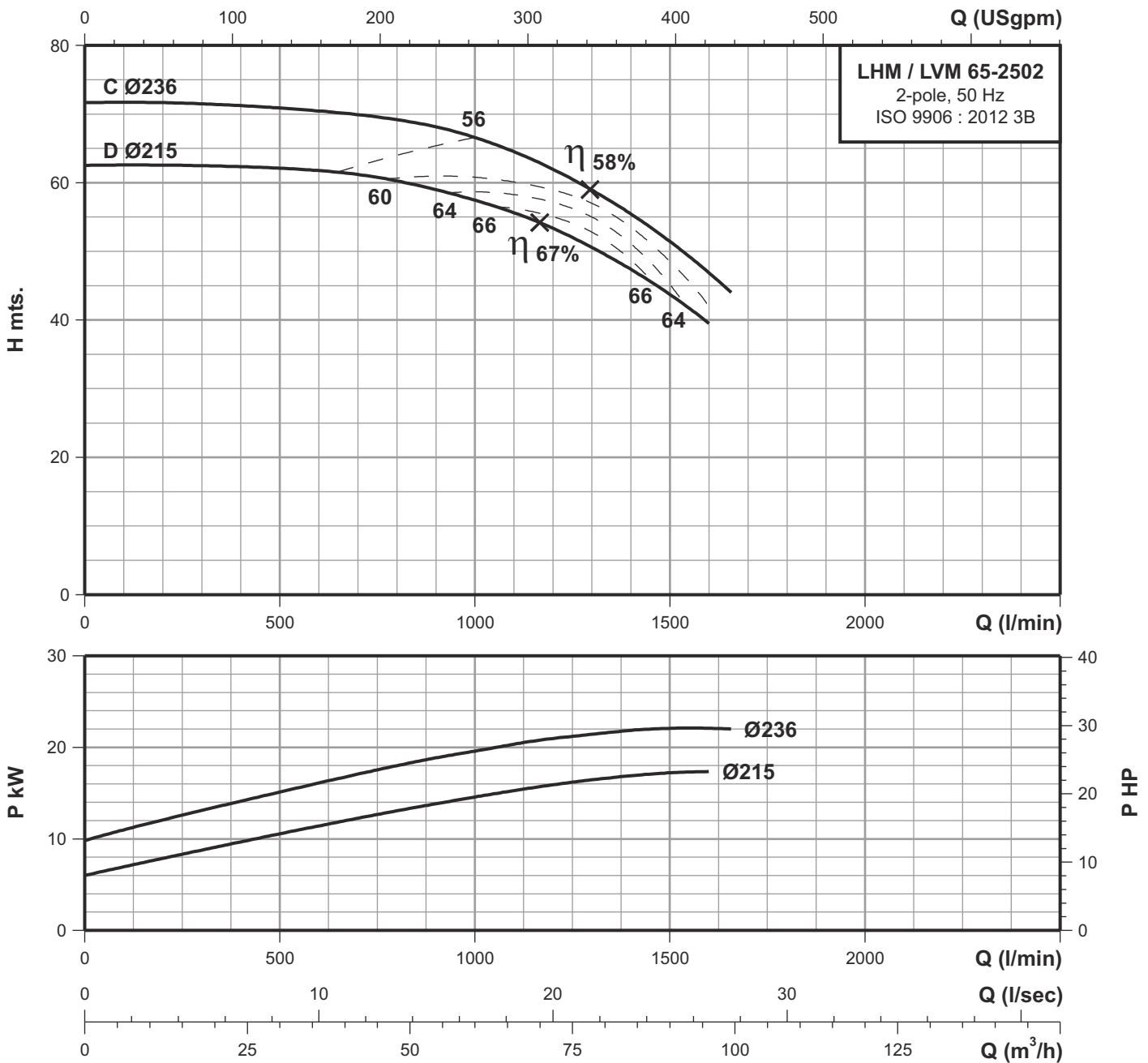


		LHM		LVM	
Power	[kW]	18.5	22.0	18.5	22.0
	[hp]	25.0	30.0	25.0	30.0
DNd	[mm]	65	65	65	65
h1	[mm]	200	200	200	200
h2	[mm]	286	286	505	505
h3	[mm]	-	-	432	432
L	[mm]	313.5	313.5	301	301
LB	[mm]	646	666	646	666
G1	[mm]	165	165	165	165
G2	[mm]	183	183	183	183
m1	[mm]	160	160	-	-
m2	[mm]	120	120	-	-
m3	[mm]	518	538	-	-
n1	[mm]	360	360	360	360
n2	[mm]	280	280	-	-
n3	[mm]	65	65	-	-
b	[mm]	80	80	-	-
s	[mm]	18	18	-	-
s1	[mm]	14	14	-	-
ØA	[mm]	-	-	275	275
Net Weight	[kg]	163	165	178	180
Gross Weight	[kg]	213	215	228	230
Volume	[m ³]	0.450	0.450	0.450	0.450

Performance curves

Submerged centrifugal pumpset

LHM / LVM 65-2502



Performance data at n=2900 rpm

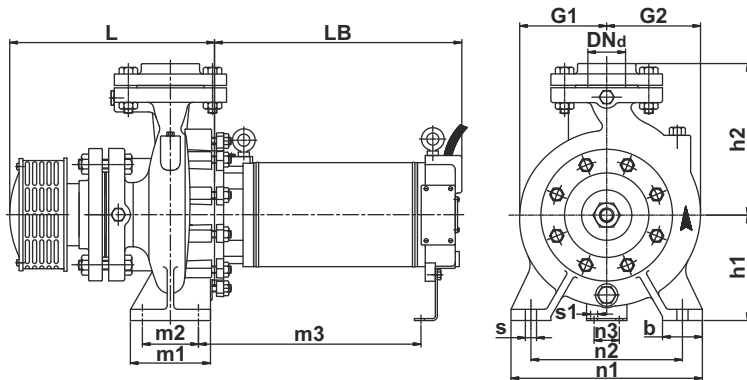
Model	Power		Q m ³ /h	30	45	60	75	90
	kW	HP		Q l/min	500	750	1000	1250
LHM / LVM 65-2502D	18.5	25.0	H mts.	62	60.7	57.5	52	43.7
LHM / LVM 65-2502C	22.0	30.0		70.9	69.6	66.7	60.6	51.4

Technical Data

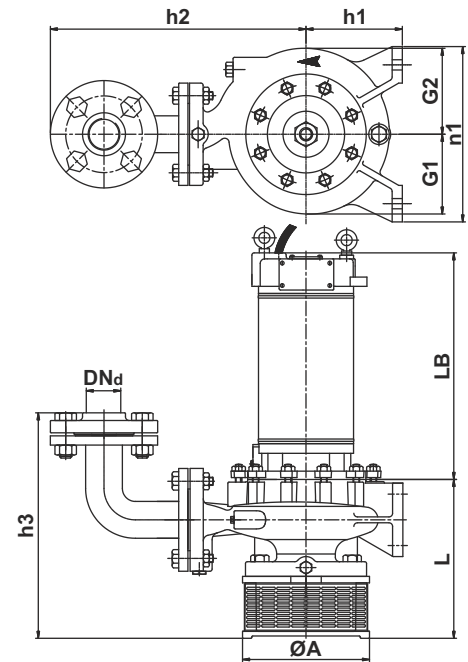
Submerged centrifugal pumpset

LHM / LVM 80-1602

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

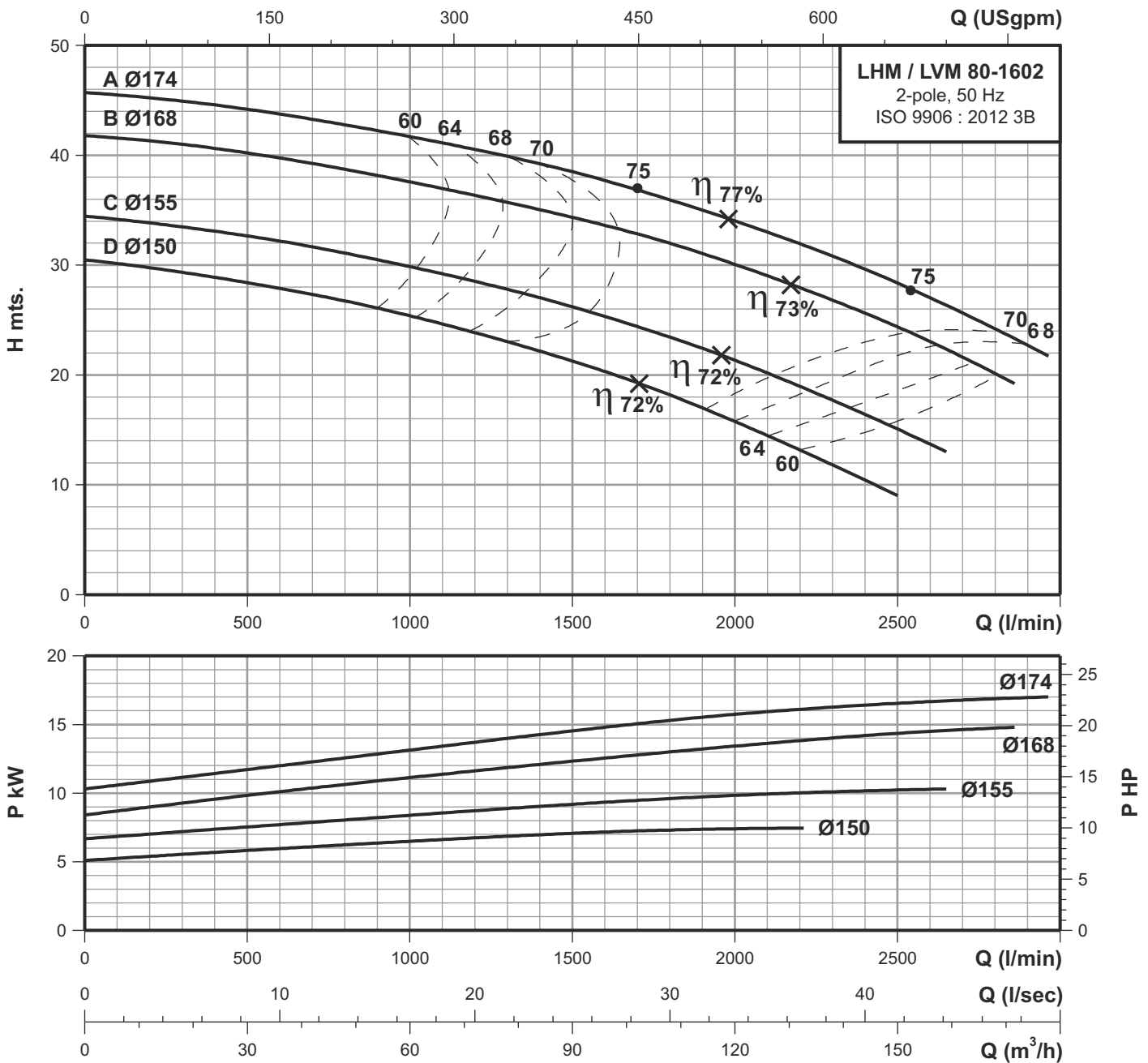


		LHM				LVM			
Power	[kW]	7.50	11.0	15.0	18.5	7.50	11.0	15.0	18.5
	[hp]	10.0	15.0	20.0	25.0	10.0	15.0	20.0	25.0
DNd	[mm]	80	80	80	80	80	80	80	80
h1	[mm]	180	180	180	180	180	180	180	180
h2	[mm]	264	264	264	264	476	476	476	476
h3	[mm]	-	-	-	-	449	449	449	449
L	[mm]	361	361	361	361	320	320	320	320
LB	[mm]	495	606	626	646	495	606	626	646
G1	[mm]	132	132	132	132	132	132	132	132
G2	[mm]	157	157	157	157	157	157	157	157
m1	[mm]	125	125	125	125	-	-	-	-
m2	[mm]	95	95	95	95	-	-	-	-
m3	[mm]	425	484	504	524	-	-	-	-
n1	[mm]	320	320	320	320	320	320	320	320
n2	[mm]	250	250	250	250	-	-	-	-
n3	[mm]	50	65	65	65	-	-	-	-
b	[mm]	65	65	65	65	-	-	-	-
s	[mm]	14	14	14	14	-	-	-	-
s1	[mm]	14	14	14	14	-	-	-	-
ØA	[mm]	-	-	-	-	275	275	275	275
Net Weight	[kg]	109	142	154	153	124	157	169	168
Gross Weight	[kg]	144	187	199	203	159	202	214	218
Volume	[m ³]	0.220	0.370	0.370	0.450	0.220	0.370	0.370	0.450

Performance curves

Submerged centrifugal pumpset

LHM / LVM 80-1602



Performance data at n=2900 rpm

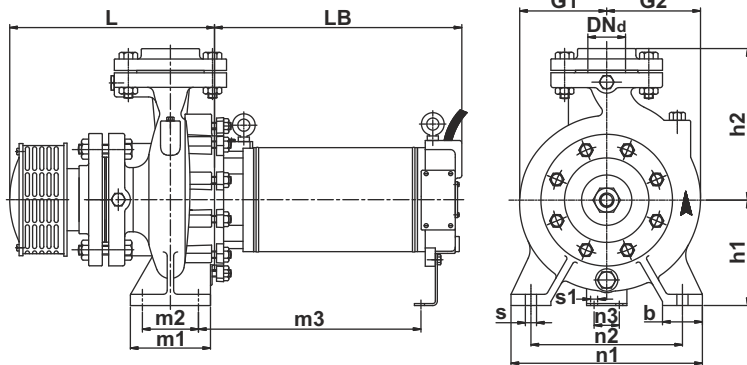
Model	Power		Q m ³ /h	60	75	90	105	120	135	150
	kW	HP		Q l/min	1000	1250	1500	1750	2000	2250
LHM / LVM 80-1602D	7.50	10.0	H mts.	25.4	23.5	21.2	18.7	15.7	12.3	8.4
LHM / LVM 80-1602C	11.0	15.0		29.8	28.1	26.2	23.8	21.3	18.3	15
LHM / LVM 80-1602B	15.0	20.0		37.6	35.9	34.4	32.3	30	27.3	24.3
LHM / LVM 80-1602A	18.5	25.0		41.8	40.2	38.6	36.3	34	31.5	28.3

Technical Data

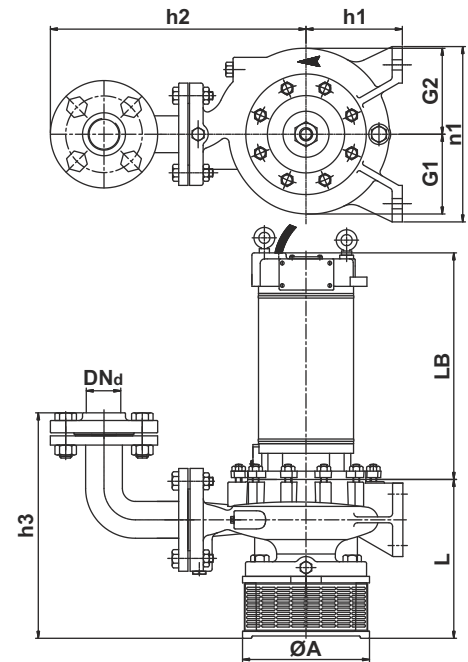
Submerged centrifugal pumpset

LHM / LVM 80-2002

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

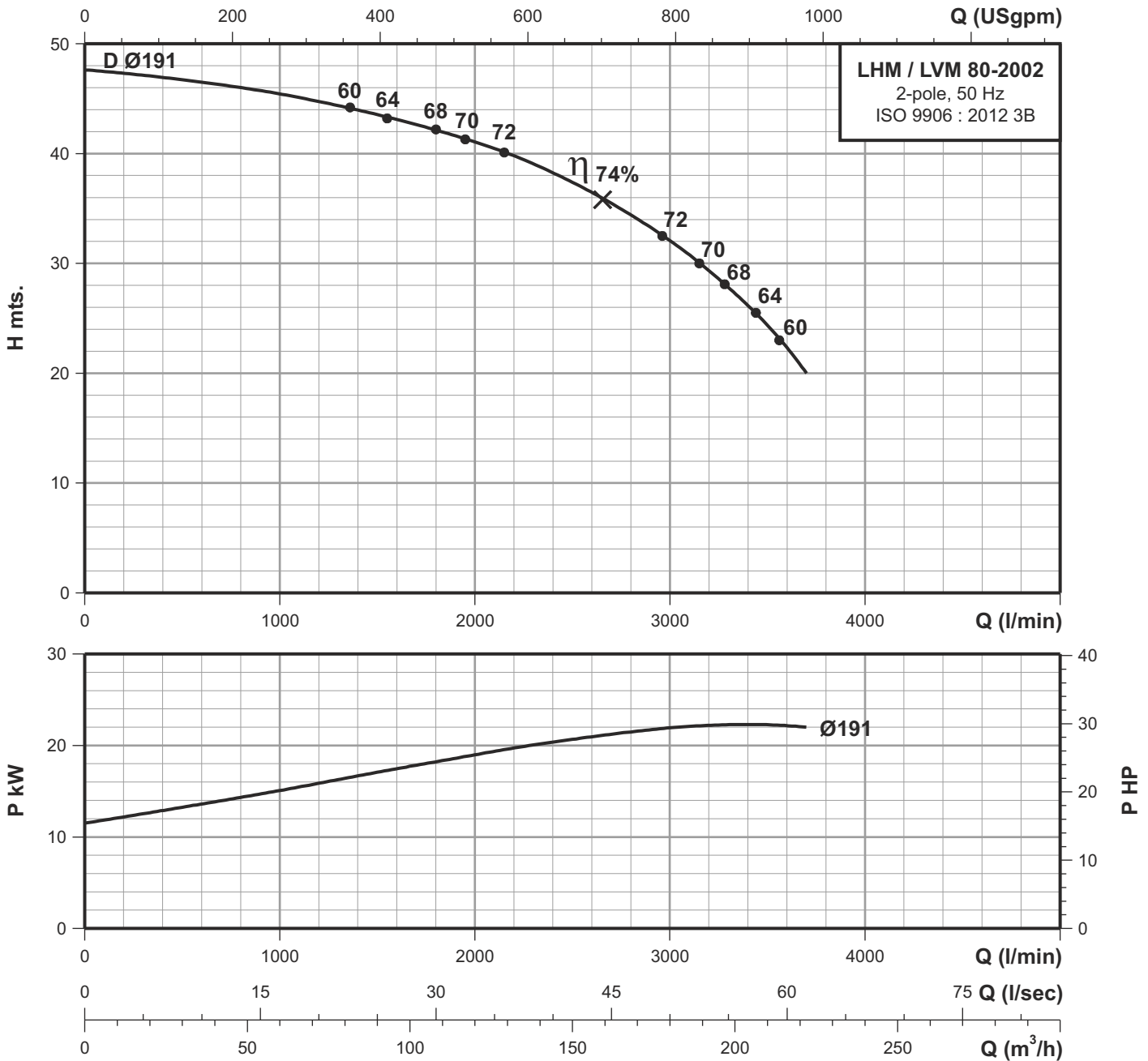


		LHM	LVM
Power	[kW]	22.0	22.0
	[hp]	30.0	30.0
DNd	[mm]	80	80
h1	[mm]	180	180
h2	[mm]	294	500
h3	[mm]	-	449
L	[mm]	367	326
LB	[mm]	666	666
G1	[mm]	155	155
G2	[mm]	186	186
m1	[mm]	125	-
m2	[mm]	95	-
m3	[mm]	550	-
n1	[mm]	345	345
n2	[mm]	280	-
n3	[mm]	65	-
b	[mm]	65	-
s	[mm]	14	-
s1	[mm]	14	-
ØA	[mm]	-	275
Net Weight	[kg]	164	179
Gross Weight	[kg]	214	229
Volume	[m ³]	0.450	0.450

Performance curves

Submerged centrifugal pumpset

LHM / LVM 80-2002



Performance data at n=2900 rpm

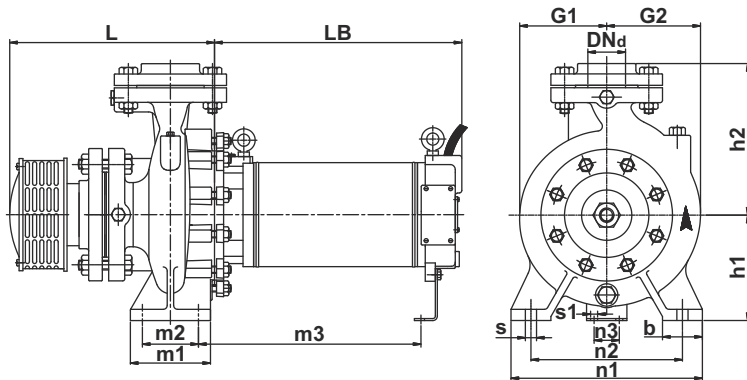
Model	Power		Q m³/h	60	90	120	150	180	210
	kW	HP	Q l/min	1000	1500	2000	2500	3000	3500
LHM / LVM 80-2002D	22.0	30.0	H mts.	45.5	43.5	41	37.5	32.2	24.2

Technical Data

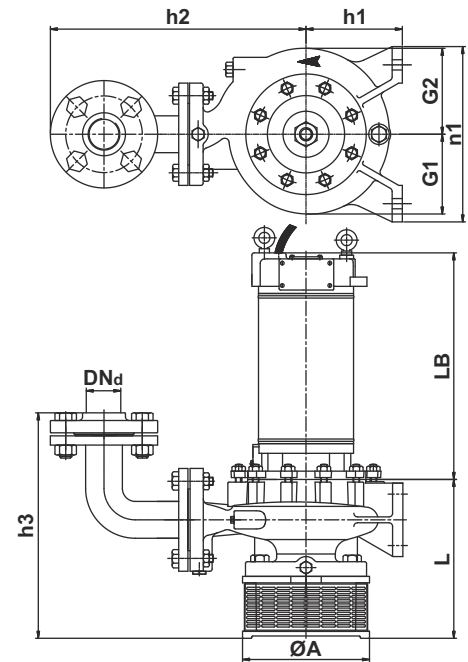
Submerged centrifugal pumpset

LHM / LVM 100-2002

LHM - HORIZONTAL PUMP



LVM - VERTICAL PUMP

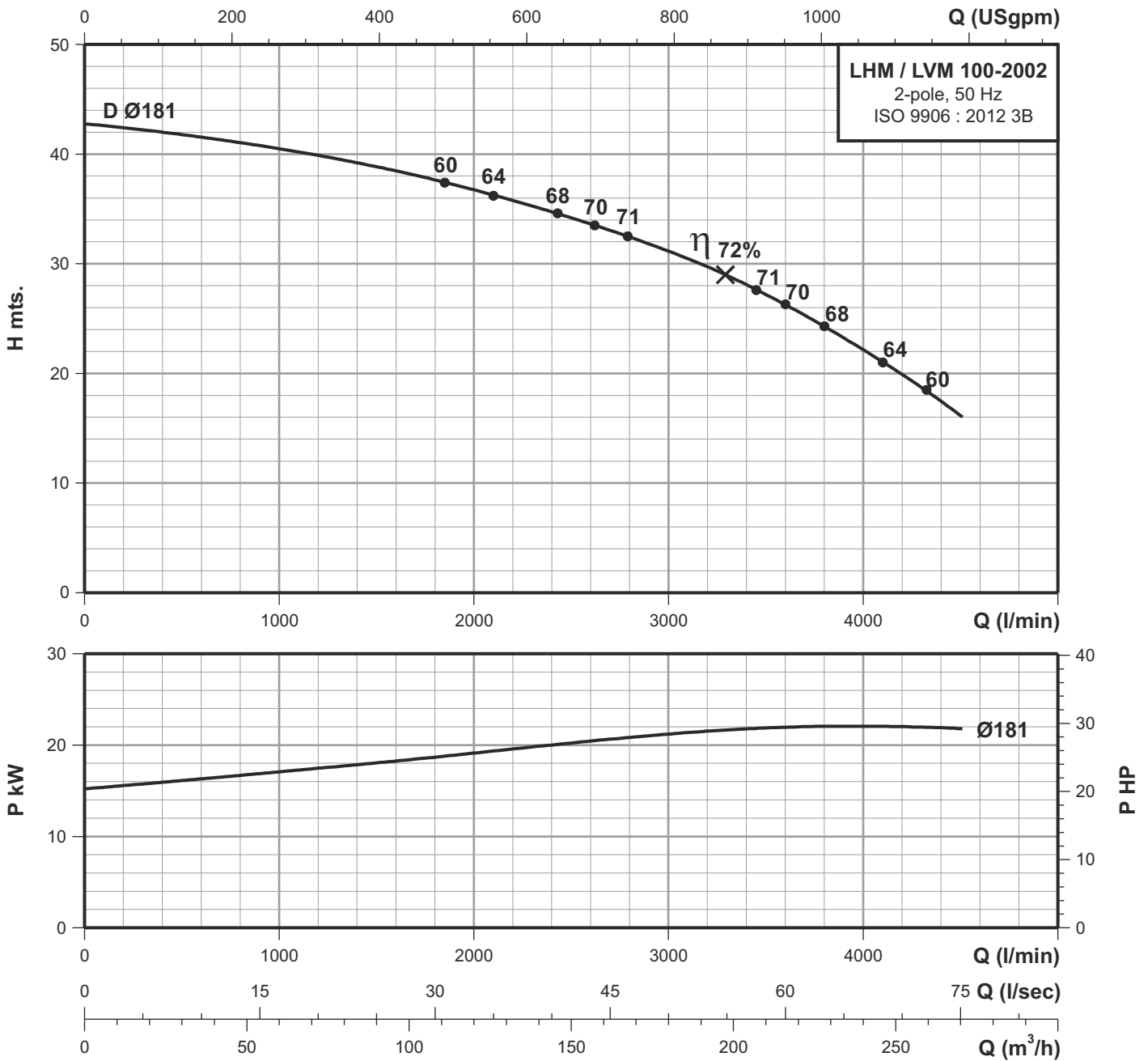


		LHM	LVM
Power	[kW]	22.0	22.0
	[hp]	30.0	30.0
DNd	[mm]	100	100
h1	[mm]	200	200
h2	[mm]	318	531
h3	[mm]	-	456
L	[mm]	360	326
LB	[mm]	666	666
G1	[mm]	166	166
G2	[mm]	202	202
m1	[mm]	160	-
m2	[mm]	120	-
m3	[mm]	537.5	-
n1	[mm]	360	360
n2	[mm]	280	-
n3	[mm]	65	-
b	[mm]	80	-
s	[mm]	18	-
s1	[mm]	14	-
ØA	[mm]	-	275
Net Weight	[kg]	169	184
Gross Weight	[kg]	219	234
Volume	[m ³]	0.450	0.450

Performance curves

Submerged centrifugal pumpset

LHM / LVM 100-2002



Performance data at n=2900 rpm

Model	Power		Q m³/h	60	90	120	150	180	210	240	270
	kW	HP	Q l/min	1000	1500	2000	2500	3000	3500	4000	4500
LHM / LVM 100-2002D	22.0	30.0	H mts.	40.5	38.7	36.8	34.2	31.1	27.1	22.1	16

NOTE

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Product Improvement is a continuous process at 'LUBI'. The data given in this publication is therefore subject to revision.

00.00.271216.0060



ISO 9001



ISO 14001

Customer Care Number : 09824200800