



IN-LINE CENTRIFUGAL PUMPS

INM/INL SERIES (50 - 60 Hz)



TECHNICAL MANUAL



MAS DAF MAKİNA SANAYİ A.Ş.
Head Office: Atasehir Bulvarı ATA Çarşısı.K4.No:59
Tel: +90 (216) 456 12 00 (Pbx)- Fax:+90 (216) 456 25 00

İSTANBUL – TÜRKİYE
E-Mail: masgrup@masgrup.com
Web : www.masgrup.com

MAS INM/INL – In-Line Centrifugal Pumps

General Specifications



Fields of Application

The MAS in-line pumps are designed for,

- Water supply,
- Boosting,
- Circulating of hot and cold water,
- In central heating and air-conditioning installations,
- Liquid transfer applications in industry, agriculture, etc.

Pumped Liquids

- Thin, clean, non-aggressive and non-explosive liquids free from large solid particles or fibres.
- Cooling liquids, not containing mineral oil. (Oil-resistant O-rings are available on request.)

For special applications, please consult to MAS.

Design

- The INM/INL pumps are single-stage centrifugal pumps of non-self-priming type fitted with standard motors and mechanical shaft seals.
- The nominal flow rates of the pumps comply with the DIN 24 255 standards.
- Pump flanges sizes according to DIN 2533, PN 16. The dimensions of the suction and discharge ports are identical. Both pump flanges have pressure gage tapings.
- Single entry, closed impeller is hydraulically thrust compensated and dynamically balanced.
- A drain plug is fitted in the bottom of pump housing.
- The motor shaft is passed into the pump shaft for coupling and no need to use any coupling for the system.

Shaft

Chromium steel (AISI 420) fine grained shafts are used on OMK-V pumps. Motor shaft is passed into the pump shaft for coupling. For high powers, a coupling system is used between the motor shaft and pump shaft.

Bearings

For INM/INL series pumps, the motor shaft and pump shaft are passed into each other. The axial and the radial loads are carried by the bearing inside the motor. There is no need to use extra bearing for the pump. For high powers, a coupling system is used between the motor shaft and pump shaft.

Shaft Seal

- INM/INL pumps are fitted with a single, uncooled and unbalanced rubber bellow mechanical seal.
- Mechanical seal flushed from internal source.
- The circulation of liquid in the duct of the air vent screw ensures lubrication and cooling of the shaft seal.

For a medium different than water, please consult to MAS for selection of appropriate O-Ring and Mechanical Seal type.

Technical Data

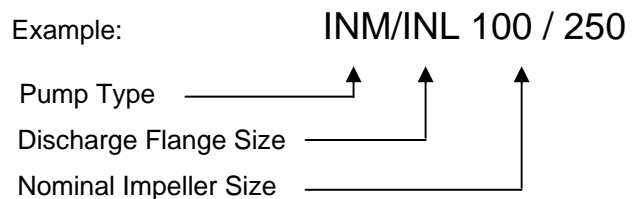
- Suction Flanges..... : DN 40...DN 200 (PN 16) (DIN 2535)
- Discharge Flanges... : DN 40...DN 200 (PN 16) (DIN 2535)
- Operating Pressure.. : 10 Bar
- Test Pressure : 13 Bar
- Capacity Range..... : 2-400 m³ / h
- Head Range..... : 2-100 m

Inform us in your orders, for suction pressure above 7 Bar.

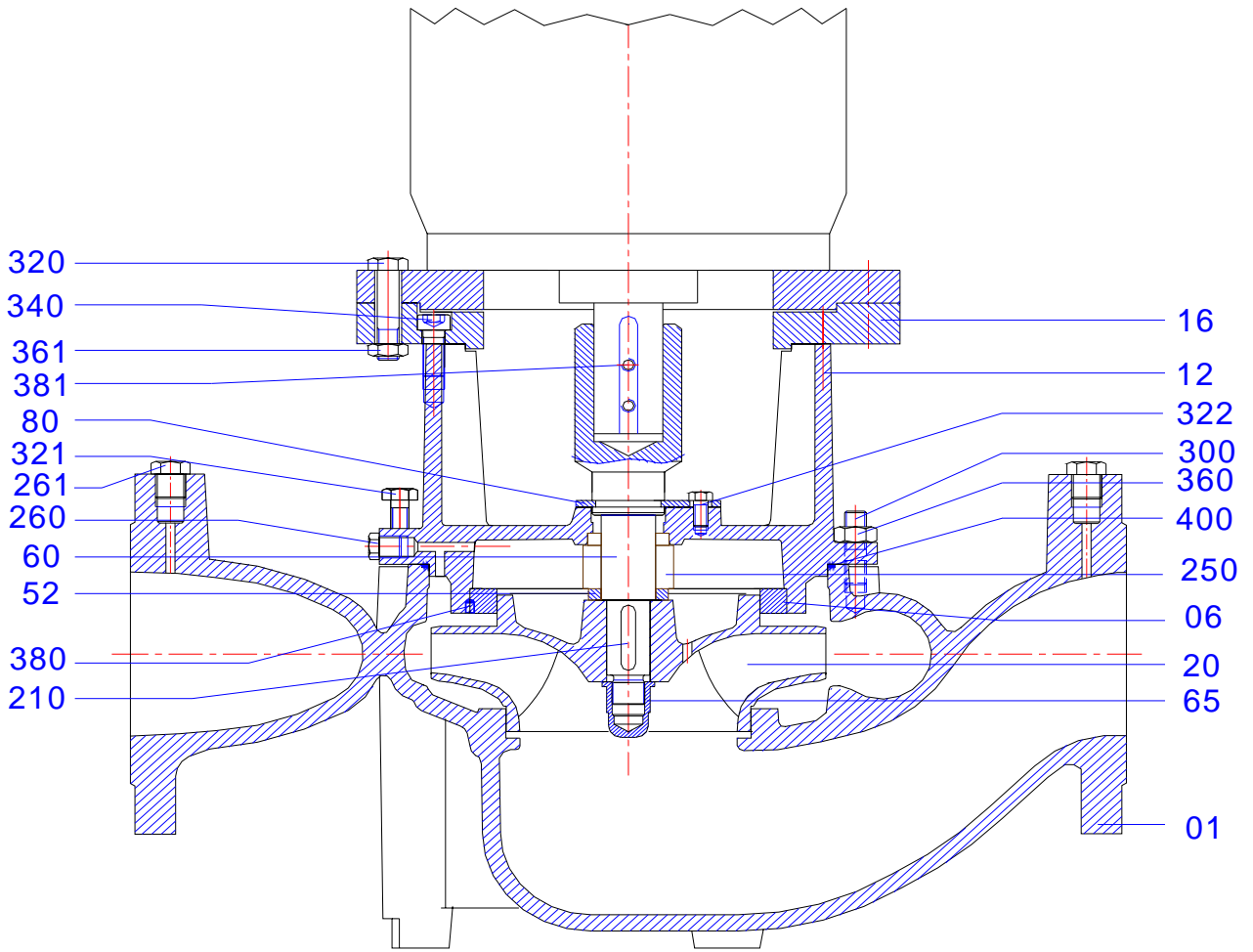
Driver

B5 flanged, IP 55 and according to IEC electric motors are used for INM/INL series pumps. 50 Hz and 60 Hz can be used.

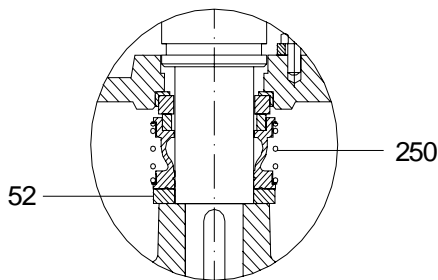
Identification Code for Pump



MAS INM/INL – In-Line Centrifugal Pumps
Sectional Drawing and Part List



No	Part Name	No	Part Name	No	Part Name
01	Pump Casing	80	Shackle	322	Hex Bolt
06	Wearing Ring	210	Key, Impeller	340	Cap Screw
12	Adapter	250	Mechanical Seal	360	Nut
16	Motor Flange	260	Pipe Plug, Adapter	361	Nut
20	Impeller	261	Pipe Plug, Pressure Gauge	380	Set-Screw
52	Mechanical Seal Ring	300	Stud, Pump Casing	381	Set-Screw
60	Pump Shaft	320	Hex Bolt	400	O-Ring
65	Impeller Nut	321	Hex Bolt		



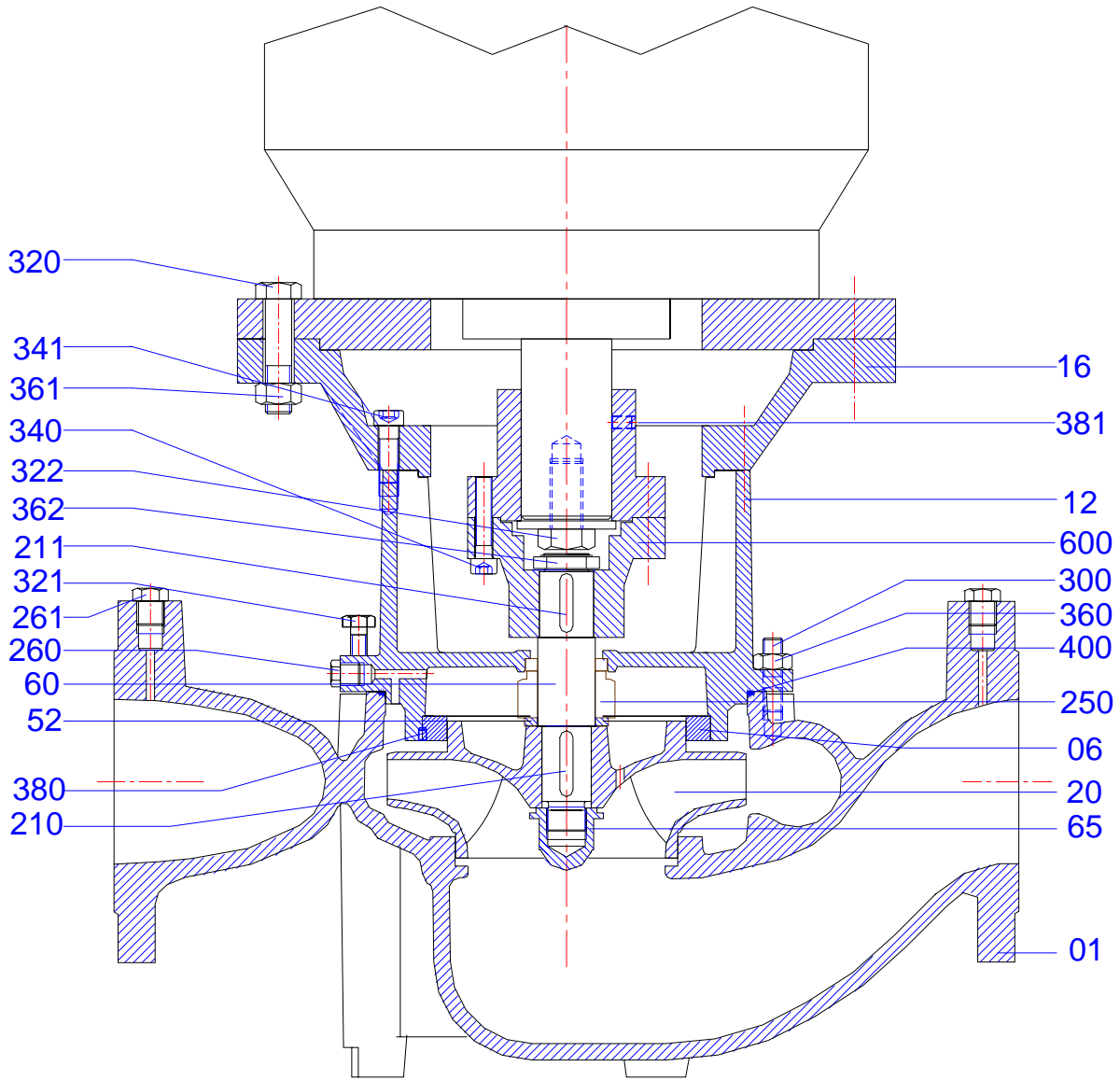
Burgmann MG1-G60- up to 12 Bar
 (Independent on direction of rotation)

Mechanical Seal Application

No	Part Name
52	Mechanical Seal Ring
250	Mechanical Seal

For different type of mechanical seal,
 please consult MAS representative.

MAS INM/INL – In-Line Centrifugal Pumps
Sectional Drawing and Part List



No	Part Name	No	Part Name	No	Part Name
01	Pump Casing	211	Key, Coupling	341	Cap Screw
06	Wearing Ring	250	Mechanical Seal	360	Nut
12	Adapter	260	Pipe Plug, Adapter	361	Nut
16	Motor Flange	261	Pipe Plug, Pressure Gauge	362	Nut
20	Impeller	300	Stud, Pump Casing	380	Set-Screw
52	Mechanical Seal Ring	320	Hex Bolt	400	O-Ring
60	Pump Shaft	321	Hex Bolt	600	Coupling
65	Impeller Nut	322	Hex Bolt		
210	Key, Impeller	340	Cap Screw		

Note: This coupling system is applied with a motor power 30 KW and over.

MAS INM/INL – In-Line Centrifugal Pumps

Technical Data



Material Options

Components	Material Code						
		0.6025	0.7040	2.1050.01	1.4021	1.4301	1.4401
Casing		●	○	○		○	○
Adapter		●	○	○		○	○
Impeller		●	○	○		○	○
Wear Ring		●	○	○		○	○
Shaft					●	○	○
Motor Adapter		●	○	○		○	○

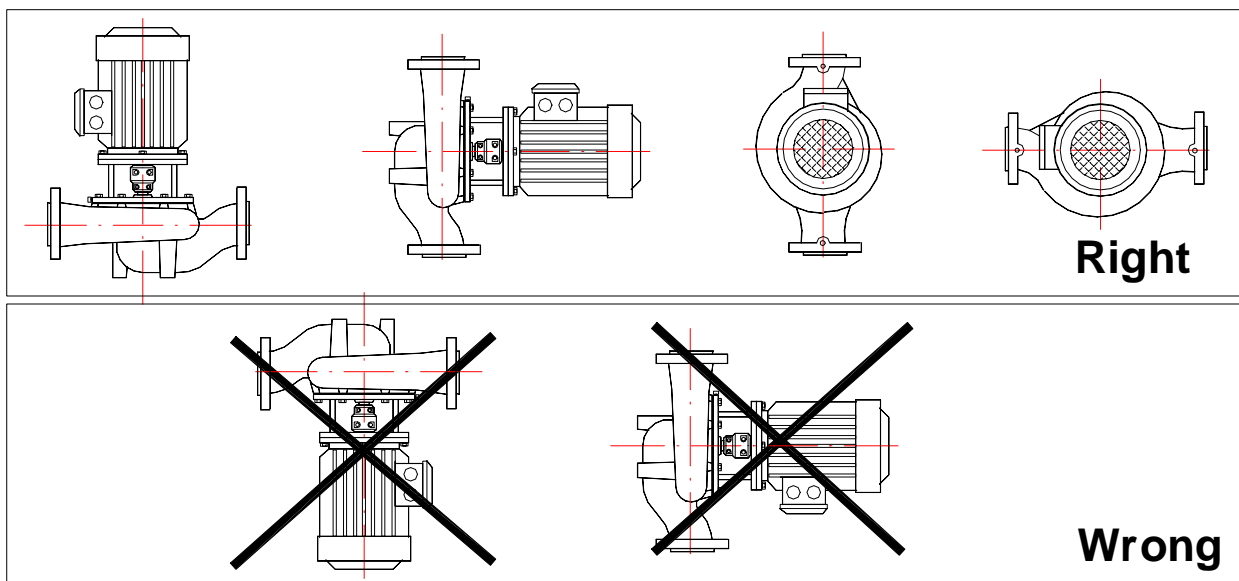
● - Standard Manufacturing
○ - Optional

Material Equivalent

Description	DIN 17007	EN-DIN	ASTM
Cast Iron	0.6025	GJL-250 (GG25)	A 48 Class 40-B
Nodular Cast Iron	0.7040	GJS-400-15 (GGG40)	A 536 Gr.60-40-18
Cast Bronze	2.1050.01	G-Cu Sn 10	B 584 C 90700
Chrome Steel	1.4021	X20 Cr 13	A 276 Type 420
Chrome Nickel Steel	1.4301	X5 Cr Ni 18.9	A 276 Type 304
Chrome Nickel Molybdenum Steel	1.4401	X5 Cr Ni Mo 18.10	A 276 Type 316

Mounting Arrangement

INM/INL Pumps can be installed with the motor (Motor Centre Line) in all positions between vertical and horizontal. To avoid that the water penetrates motor and bearings, the motor (terminal box) must never fall below the horizontal.



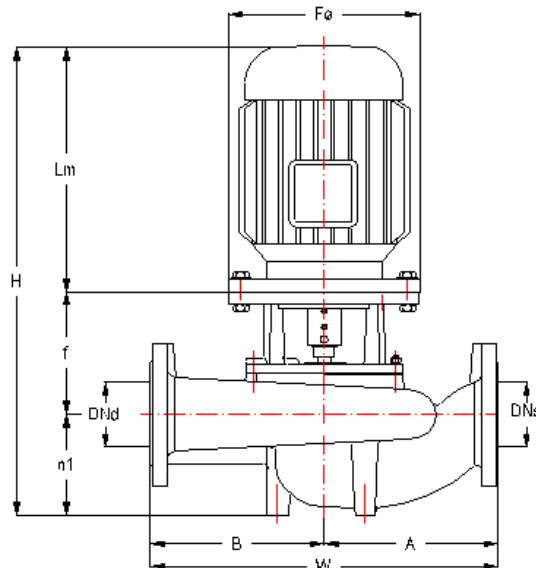
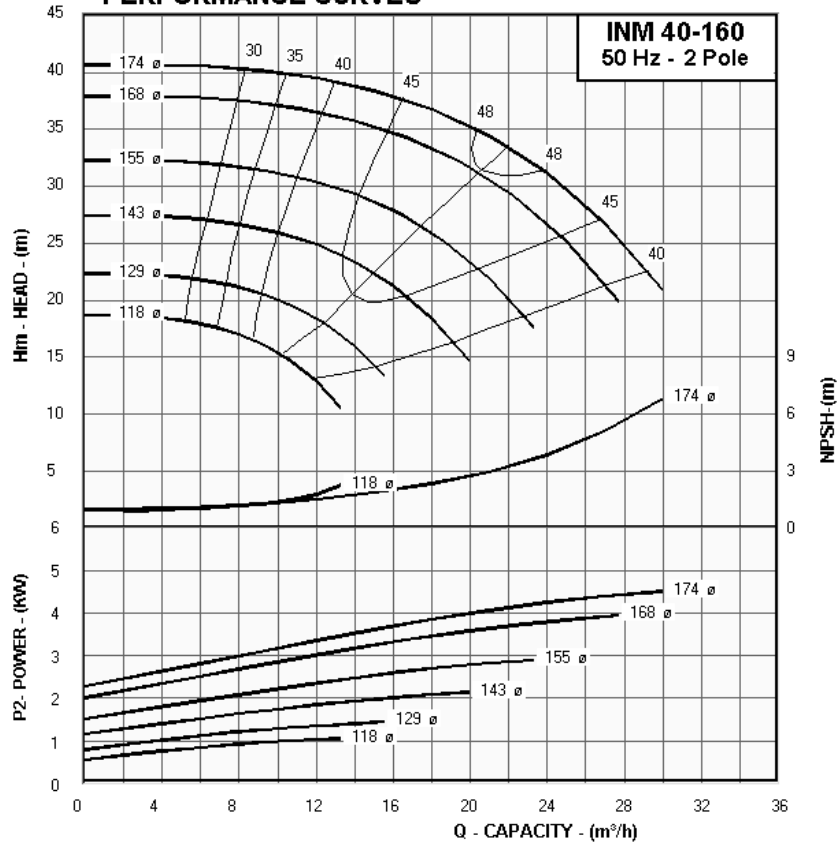
MAS INM/INL – In-Line Centrifugal Pumps

Performance Data – 50 Hz – 2900 rpm

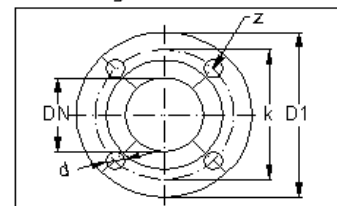


TECHNICAL DATA : INM 40-160 - 50 Hz - 2 Pole

PERFORMANCE CURVES



Flange Dimensions



EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
40	150	110	18	4
40	150	110	18	4

DIMENSIONS TABLE. INM 40-160 (2880 RPM) Main Part Codes

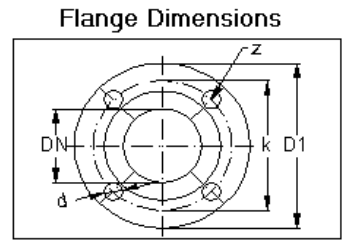
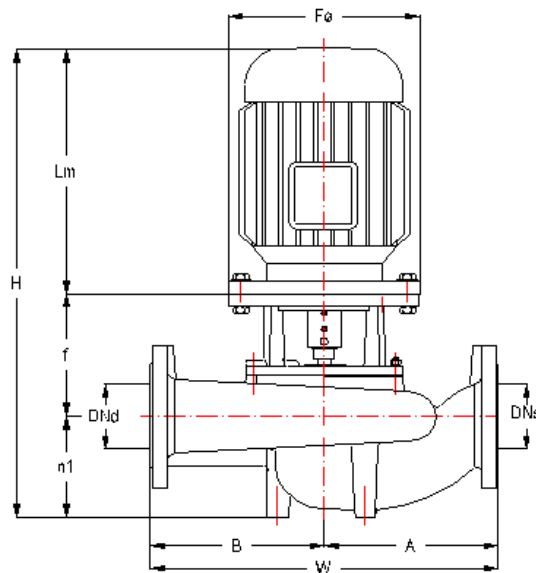
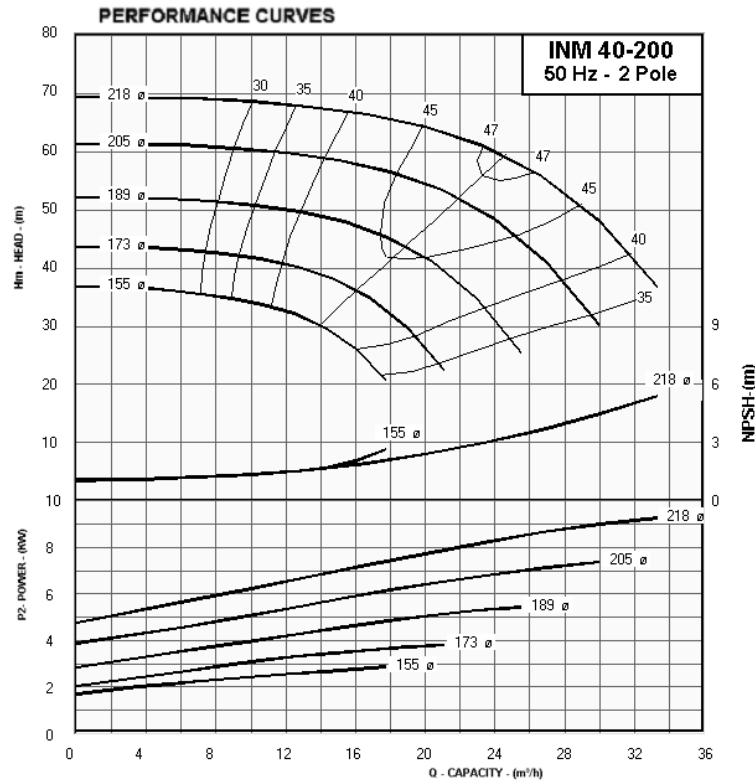
Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 40-160/ 552	174	132S2	5.5	114	40	40	80	200	375	300	160	160	655	320	30	ML2a	A1.12	F 2
INM 40-160/ 402	168	112M2	4	113	40	40	80	180	324	250	160	160	584	320	20	ML1c	A1.11	F 1
INM 40-160/ 302	155	100L2	3	113	40	40	80	180	305	250	160	160	565	320	20	ML1c	A1.11	F 1
INM 40-160/ 222	143	90L 2	2.2	112	40	40	80	160	275	200	160	160	515	320	20	ML1b	A1.11	-
INM 40-160/ 152	129	90S 2	1.5	112	40	40	80	160	250	200	160	160	490	320	20	ML1b	A1.11	-
INM 40-160/ 112	118	80 2b	1.1	111	40	40	80	160	233	200	160	160	473	320	20	ML1a	A1.11	-

MAS INM/INL – In-Line Centrifugal Pumps

Performance Data– 50 Hz – 2900 rpm



TECHNICAL DATA: INM 40-200 - 50 Hz - 2 Pole



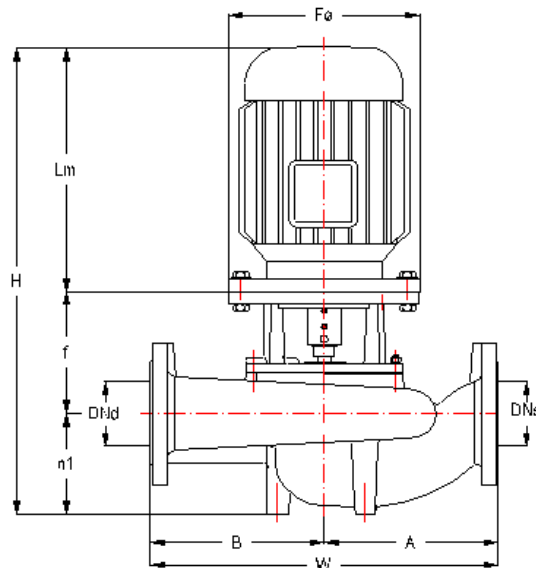
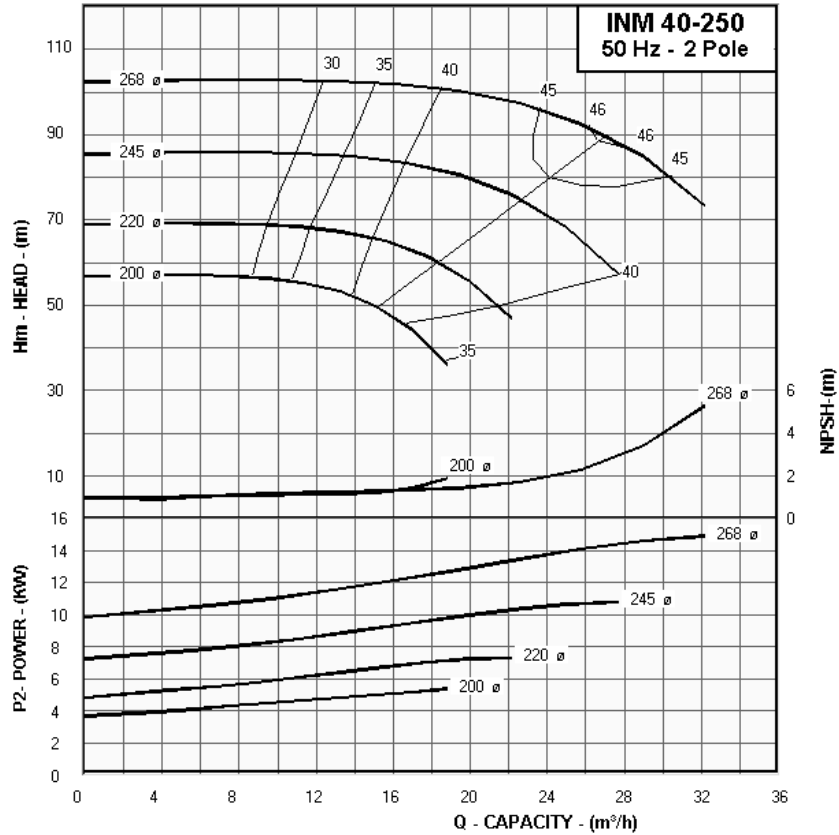
EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
40	150	110	18	4
40	150	110	18	4

DIMENSIONS TABLE. INM 40-200 (2900 RPM) Main Part Codes

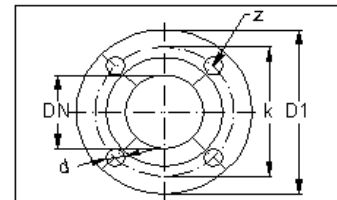
Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 40-200/ 1102	218	160M2	11	315	40	40	95	230	484	350	190	190	809	380	30	ML2b	A2.22	F5
INM 40-200/ 752	205	132S2	7.5	314	40	40	95	205	375	300	190	190	675	380	30	ML2a	A2.22	F4
INM 40-200/ 552	189	132S2	5.5	314	40	40	95	205	375	300	190	190	675	380	30	ML2a	A2.22	F4
INM 40-200/ 402	173	112M2	4	313	40	40	95	180	324	250	190	190	599	380	20	ML1c	A2.21	-
INM 40-200/ 302	155	100L2	3	313	40	40	95	180	305	250	190	190	580	380	20	ML1c	A2.21	-

TECHNICAL DATA : INM 40-250 - 50 Hz - 2 Pole

PERFORMANCE CURVES



Flange Dimensions

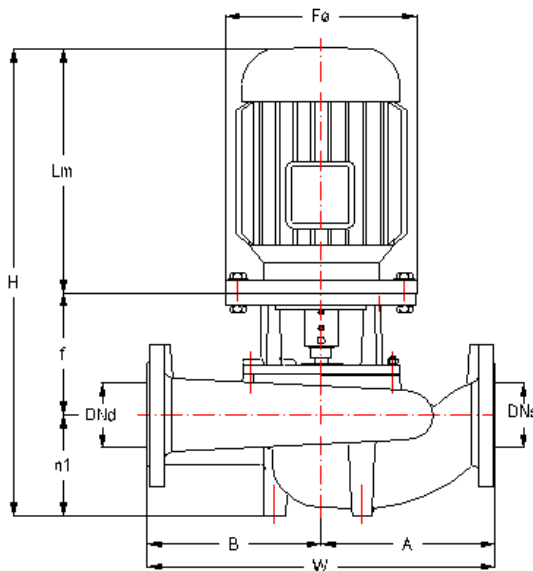
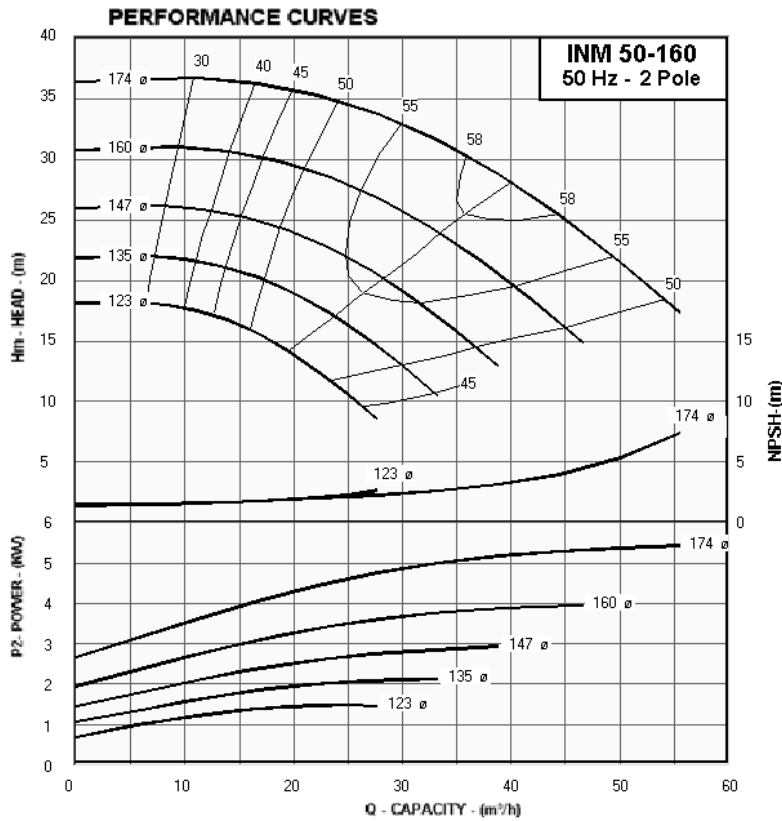


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
40	150	110	18	4
40	150	110	18	4

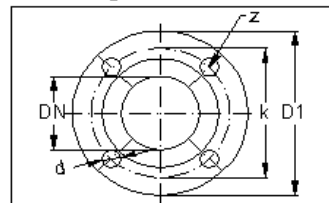
DIMENSIONS TABLE. INM 40-250 (2900 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 40-250/ 1502	268	160M2	15	415	40	40	100	240	484	350	215	225	824	440	30	ML2b	A3.12a	F5
INM 40-250/ 1102	245	160M2	11	415	40	40	100	240	484	350	215	225	824	440	30	ML2b	A3.12a	F5
INM 40-250/ 752	220	132S2	7.5	414	40	40	100	215	375	300	215	225	690	440	30	ML2a	A3.12a	F4
INM 40-250/ 552	200	132S2	5.5	414	40	40	100	215	375	300	215	225	690	440	30	ML2a	A3.12a	F4
INM 40-200/ 302	155	100L2	3	313	40	40	95	180	305	250	190	190	580	380	20	ML1c	A2.21	-

TECHNICAL DATA : INM 50-160 - 50 Hz - 2 Pole



Flange Dimensions



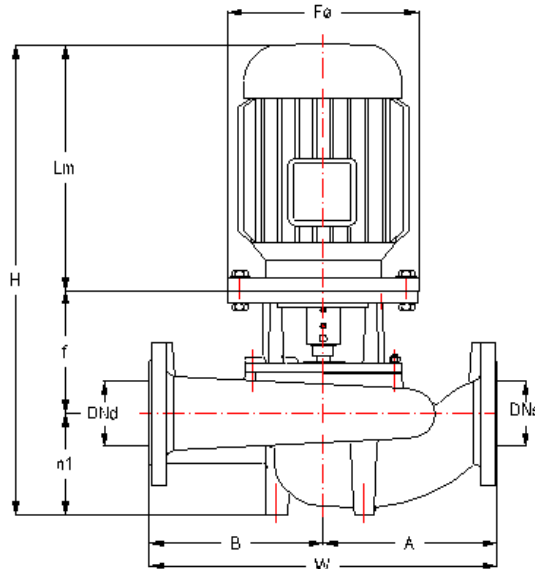
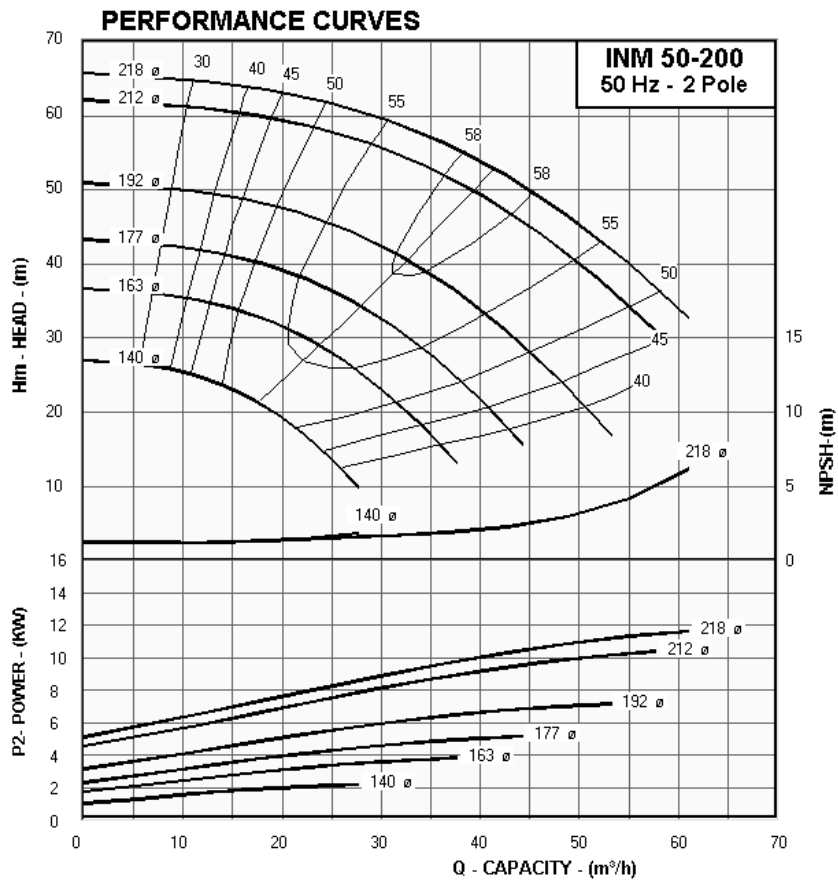
EN 1092 -2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
50	165	125	18	4
50	165	125	18	4

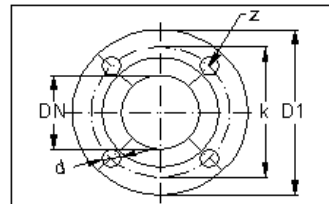
DIMENSIONS TABLE. INM 50-160 (2880 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 50-160/ 552	174	132S2	5.5	124	50	50	100	200	375	300	180	180	675	360	30	ML2a	A1.12	F 2
INM 50-160/ 402	160	112M2	4	123	50	50	100	180	324	250	180	180	604	360	20	ML1c	A1.11	F 1
INM 50-160/ 302	147	100L2	3	123	50	50	100	180	305	250	180	180	585	360	20	ML1c	A1.11	F 1
INM 50-160/ 222	135	90L 2	2.2	122	50	50	100	160	275	200	180	180	535	360	20	ML1b	A1.11	-
INM 50-160/ 152	123	90S 2	1.5	122	50	50	100	160	250	200	180	180	510	360	20	ML1b	A1.11	-

TECHNICAL DATA : INM 50-200 - 50 Hz - 2 Pole



Flange Dimensions



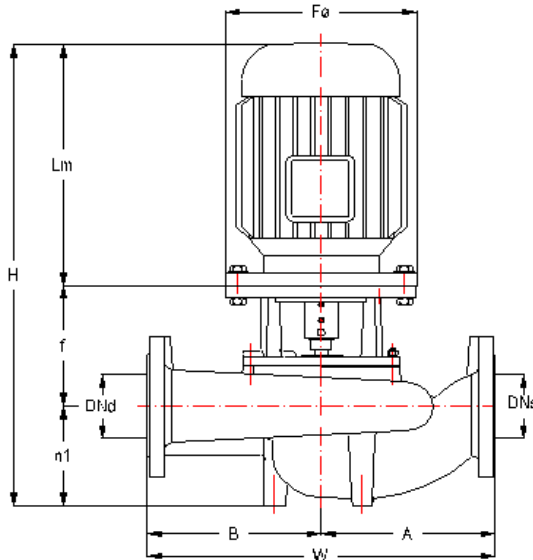
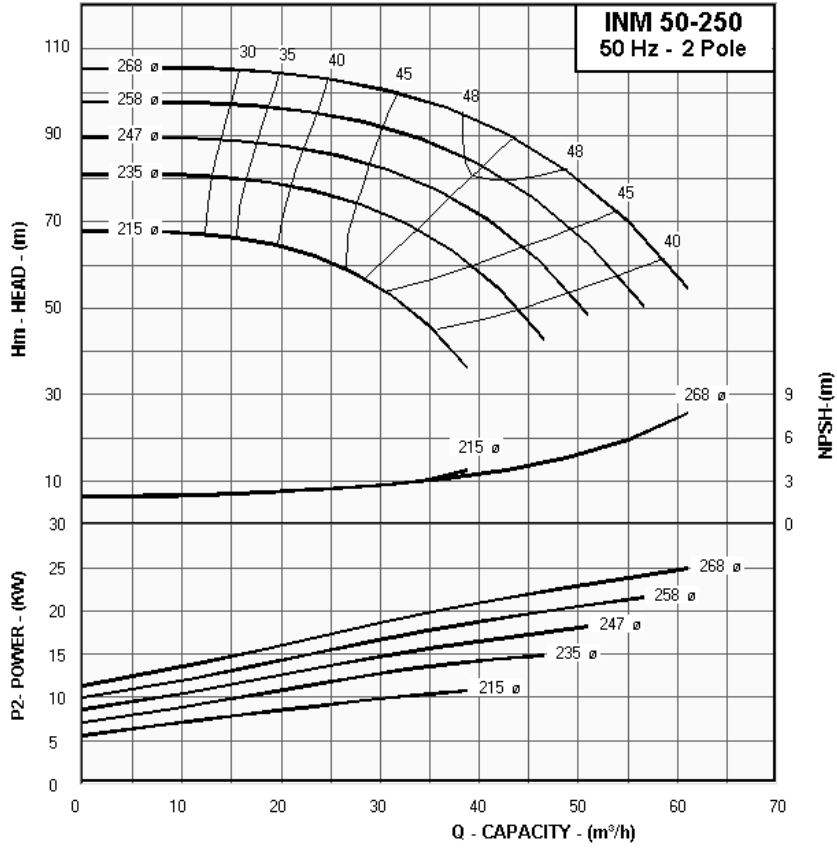
EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
50	165	125	18	4
50	165	125	18	4

DIMENSIONS TABLE. INM 50-200 (2900 RPM) Main Part Codes

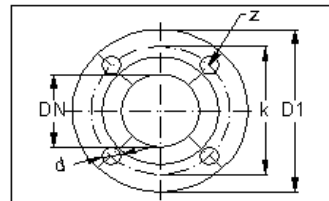
Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 50-200/ 1502	218	160M2	15	325	50	50	110	230	484	350	200	200	824	400	30	ML2b	A2.22	F5
INM 50-200/ 1102	212	160M2	11	325	50	50	110	230	484	350	200	200	824	400	30	ML2b	A2.22	F5
INM 50-200/ 752	192	132S2	7.5	324	50	50	110	205	375	300	200	200	690	400	30	ML2a	A2.22	F4
INM 50-200/ 552	177	132S2	5.5	324	50	50	110	205	375	300	200	200	690	400	30	ML2a	A2.22	F4
INM 50-200/ 402	163	112M2	4	323	50	50	110	180	324	250	200	200	614	400	20	ML1c	A2.21	-
INM 50-200/ 302	140	100L2	3	323	50	50	110	180	305	250	200	200	595	400	20	ML1c	A2.21	-

TECHNICAL DATA : INM 50-250 - 50 Hz - 2 Pole

PERFORMANCE CURVES



Flange Dimensions



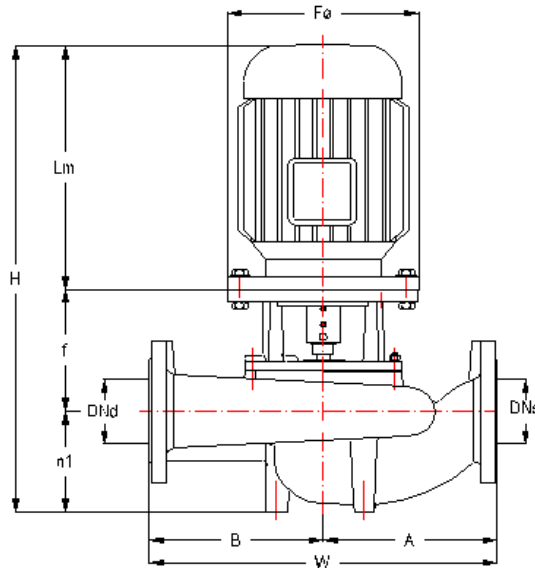
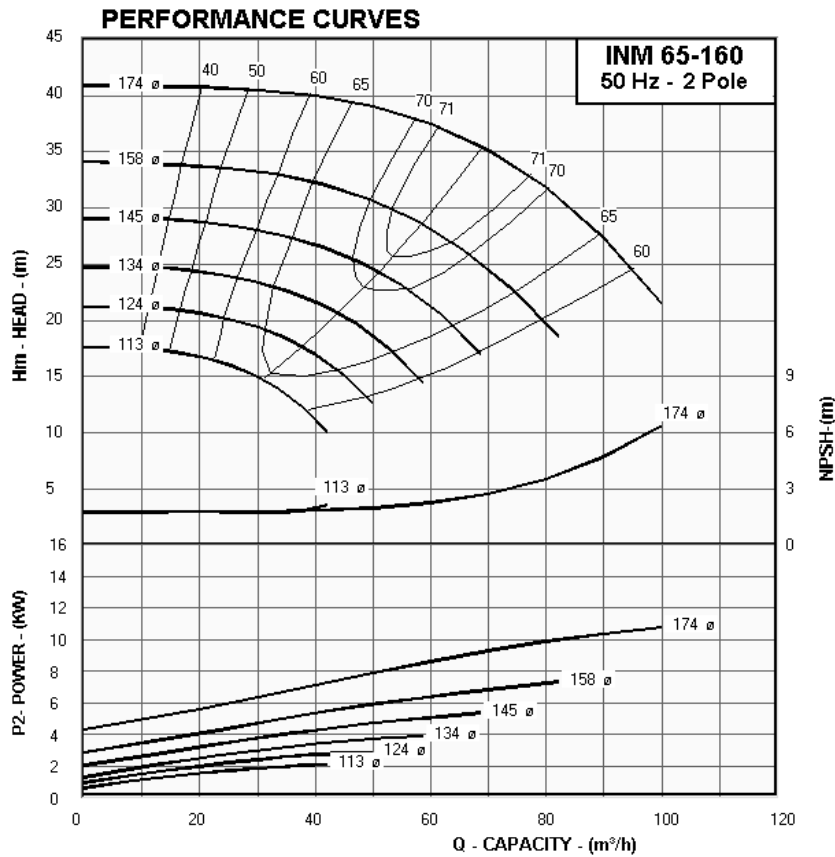
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
50	165	125	18	4
50	165	125	18	4

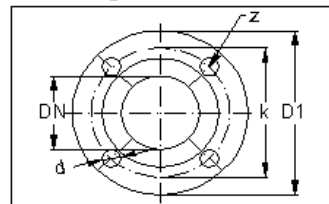
DIMENSIONS TABLE. INM 50-250 (2940 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 50-250/ 3002	268	200L2	30	427	50	50	115	260	637	400	215	225	1012	440	35	ML7+K6	A3.13	F6
INM 50-250/ 2202	258	180M2	22	426	50	50	115	230	544	350	215	225	889	440	30	ML2c	A3.12	F5
INM 50-250/ 1852	247	160L2	18.5	425	50	50	115	230	528	350	215	225	873	440	30	ML2b	A3.12	F5
INM 50-250/ 1502	235	160M2	15	425	50	50	115	230	484	350	215	225	829	440	30	ML2b	A3.12	F5
INM 50-250/ 1102	215	160M2	11	425	50	50	115	230	484	350	215	225	829	440	30	ML2b	A3.12	F5

TECHNICAL DATA : INM 65-160 - 50 Hz - 2 Pole



Flange Dimensions



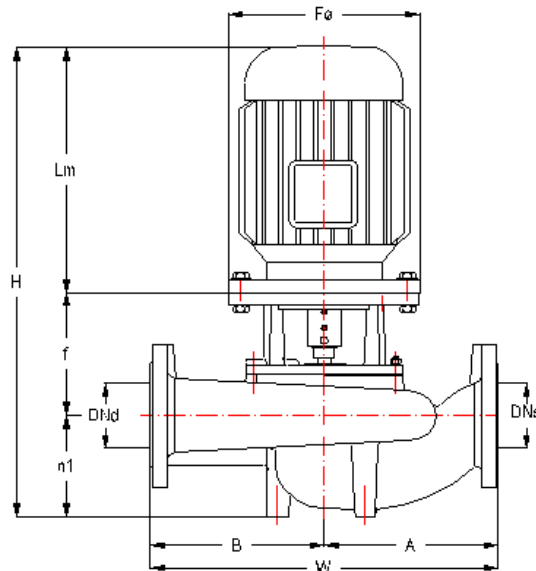
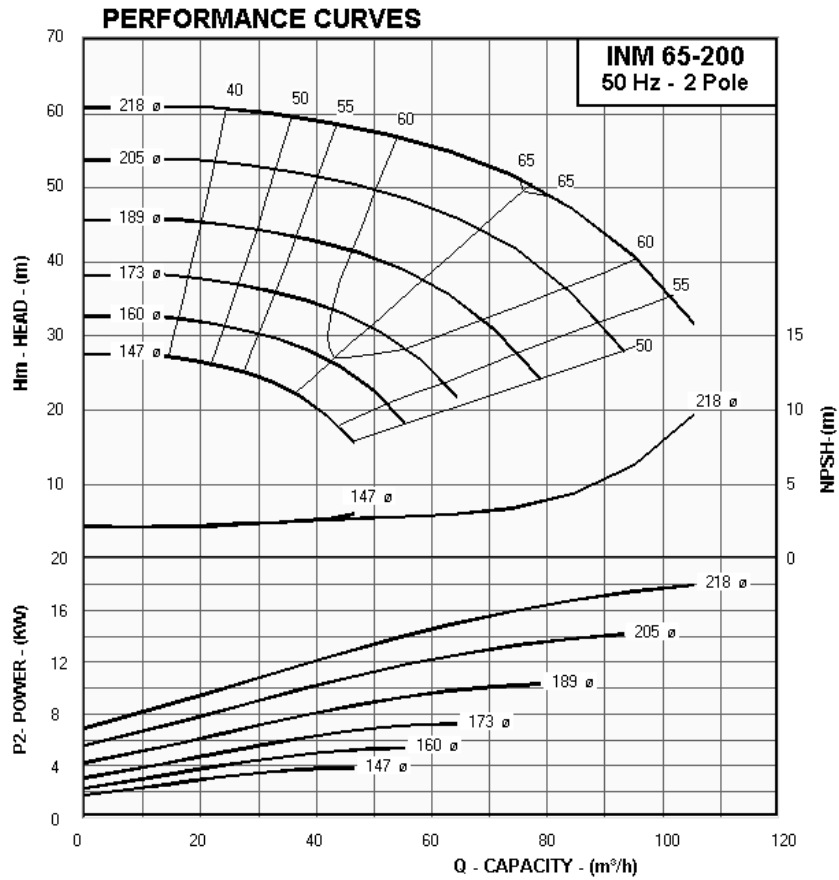
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
65	185	145	18	4
65	185	145	18	4

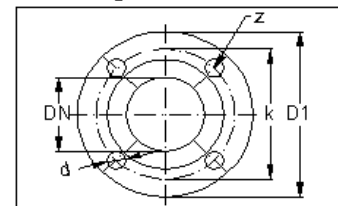
DIMENSIONS TABLE. INM 65-160 (2900 RPM) Main Part Codes

Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 65-160/ 1102	174	160M2	11	135	65	65	115	230	484	350	200	200	829	400	30	ML2b	A1.32	F 136
INM 65-160/ 752	158	132S2	7.5	134	65	65	115	200	375	300	200	200	690	400	30	ML2a	A1.12	F 2
INM 65-160/ 552	145	132S2	5.5	134	65	65	115	200	375	300	200	200	690	400	30	ML2a	A1.12	F 2
INM 65-160/ 402	134	112M2	4	133	65	65	115	180	324	250	200	200	619	400	20	ML1c	A1.11	F 1
INM 65-160/ 302	124	100L2	3	133	65	65	115	180	305	250	200	200	600	400	20	ML1c	A1.11	F 1
INM 65-160/ 222	113	90L 2	2.2	132	65	65	115	160	275	200	200	200	550	400	20	ML1b	A1.11	-

TECHNICAL DATA : INM 65-200 - 50 Hz - 2 Pole



Flange Dimensions



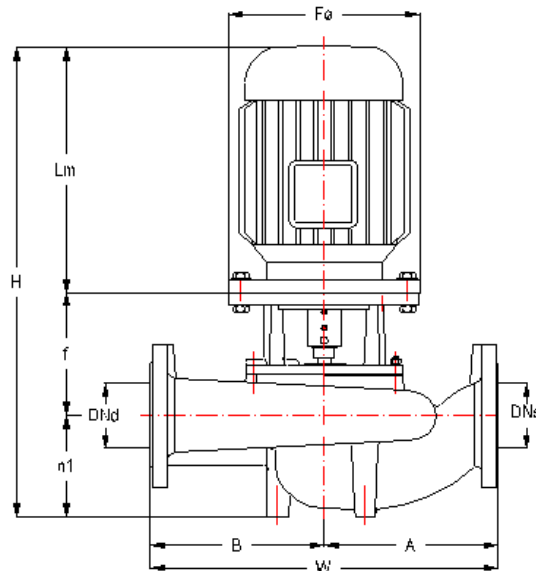
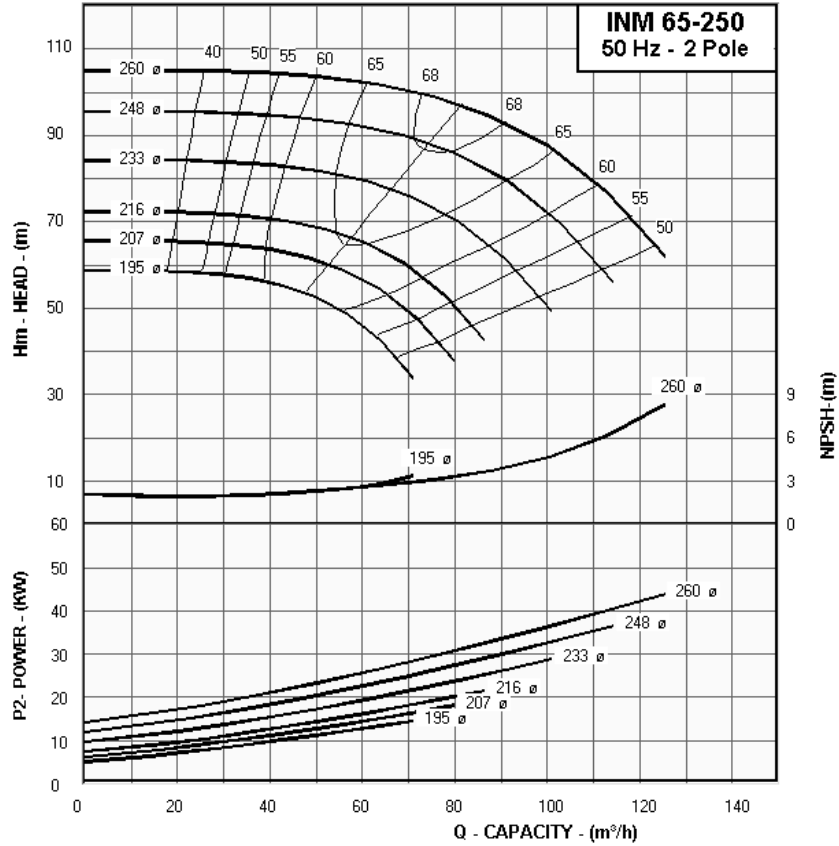
EN 1092 -2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
65	185	145	18	4
65	185	145	18	4

DIMENSIONS TABLE. INM 65-200 (2900 RPM) Main Part Codes

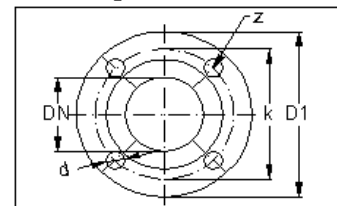
Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 65-200/ 1852	218	160L2	18.5	335	65	65	115	230	528	350	230	230	873	460	30	ML2b	A2.22	F5
INM 65-200/ 1502	205	160M2	15	335	65	65	115	230	484	350	230	230	829	460	30	ML2b	A2.22	F5
INM 65-200/ 1102	189	160M2	11	335	65	65	115	230	484	350	230	230	829	460	30	ML2b	A2.22	F5
INM 65-200/ 752	173	132S2	7.5	334	65	65	115	205	375	300	230	230	695	460	30	ML2a	A2.22	F4
INM 65-200/ 552	160	132S2	5.5	334	65	65	115	205	375	300	230	230	695	460	30	ML2a	A2.22	F4
INM 65-200/ 402	147	112M2	4	333	65	65	115	180	324	250	230	230	619	460	20	ML1c	A2.21	-

TECHNICAL DATA : INM 65-250 - 50 Hz - 2 Pole

PERFORMANCE CURVES



Flange Dimensions

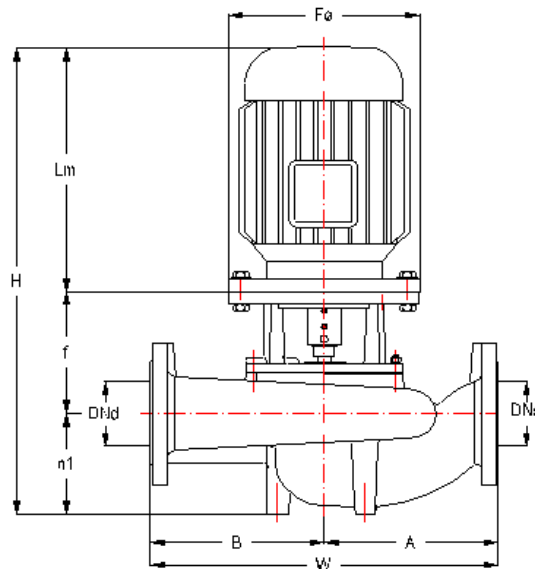
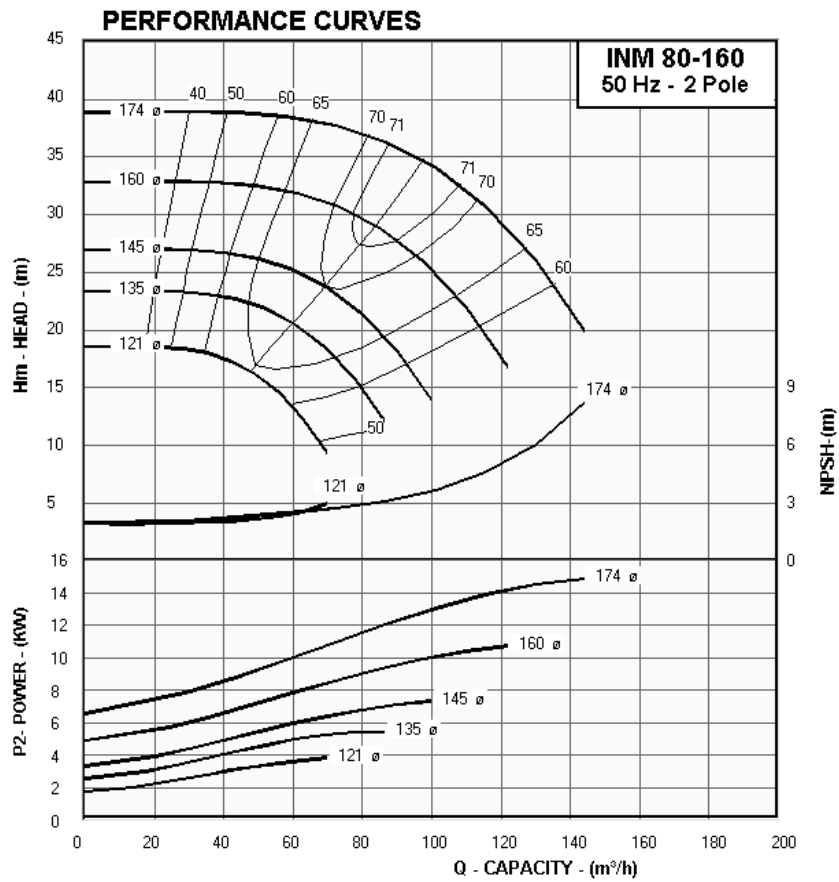


EN 1092 -2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
65	185	145	18	4
65	185	145	18	4

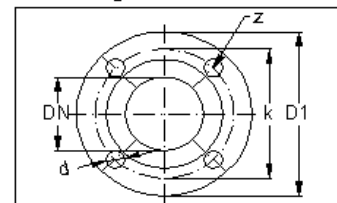
DIMENSIONS TABLE. INM 65-250 (2960 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 65-250/ 4502	260	225M2	45	438	65	65	135	45	680	450	245	235	860	480	35	ML7+K6	A3.13	F6a
INM 65-250/ 3702	248	200L2	37	437	65	65	135	260	637	400	245	235	1032	480	35	ML7+K6	A3.13	F6
INM 65-250/ 3002	233	200L2	30	437	65	65	135	260	637	400	245	235	1032	480	35	ML7+K6	A3.13	F6
INM 65-250/ 2202	216	180M2	22	436	65	65	135	230	544	350	245	235	909	480	30	ML2c	A3.12	F5
INM 65-250/ 1852	207	160L2	18.5	435	65	65	135	230	528	350	245	235	893	480	30	ML2b	A3.12	F5
INM 65-250/ 1502	195	160M2	15	435	65	65	135	230	484	350	245	235	849	480	30	ML2b	A3.12	F5

TECHNICAL DATA : INM 80-160 - 50 Hz - 2 Pole



Flange Dimensions

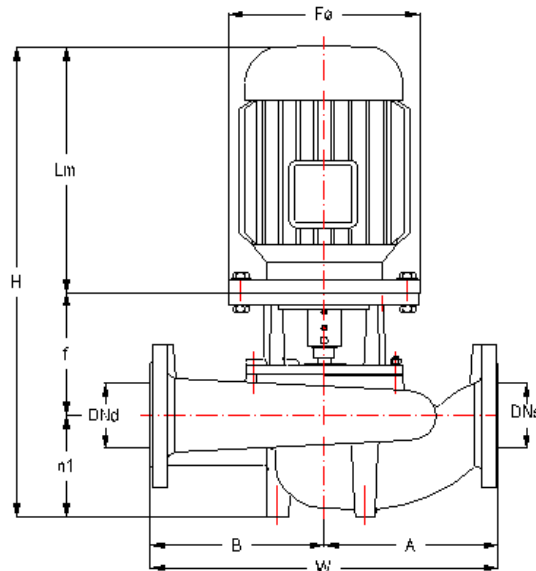
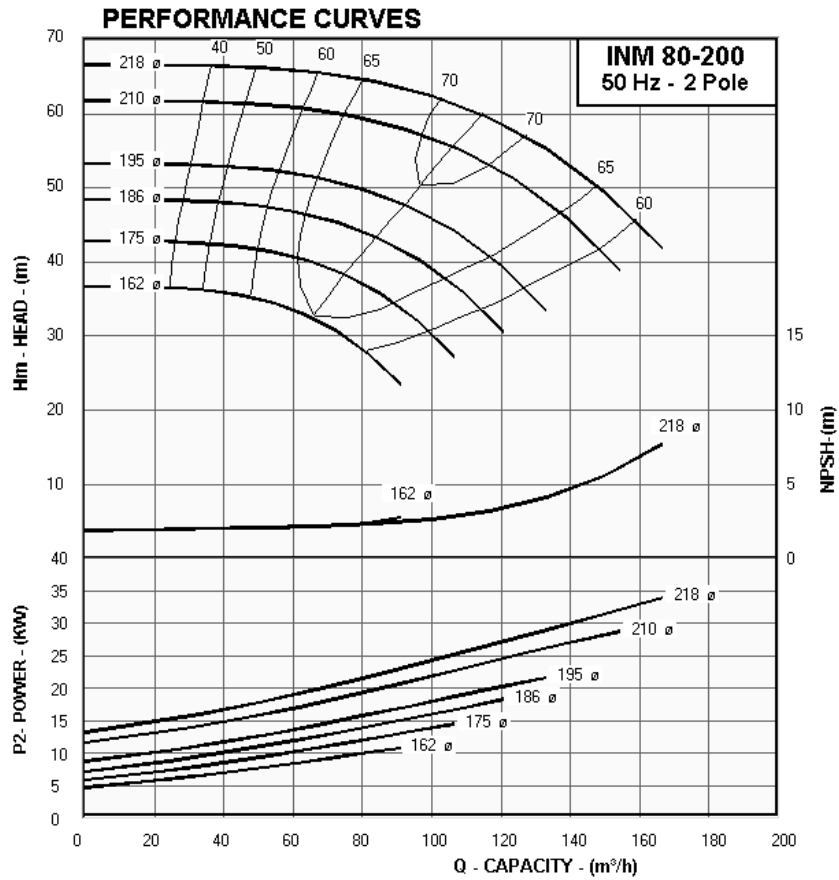


EN 1092 -2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
80	200	160	18	8
80	200	160	18	8

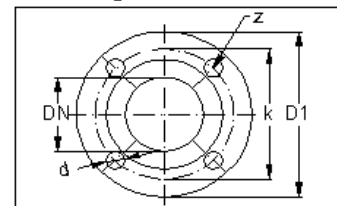
DIMENSIONS TABLE. INM 80-160 (2900 RPM) Main Part Codes

Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 80-160/ 1502	174	160M2	15	215	80	80	135	240	484	350	220	220	859	440	30	ML2b	A1.32	-
INM 80-160/ 1102	160	160M2	11	215	80	80	135	240	484	350	220	220	859	440	30	ML2b	A1.32	-
INM 80-160/ 752	145	132S2	7.5	214	80	80	135	210	375	300	220	220	720	440	30	ML2a	A1.22	F2
INM 80-160/ 552	135	132S2	5.5	214	80	80	135	210	375	300	220	220	720	440	30	ML2a	A1.22	F2
INM 80-160/ 402	121	112M2	4	213	80	80	135	190	324	250	220	220	649	440	20	ML1c	A1.21	F1

TECHNICAL DATA : INM 80-200 - 50 Hz - 2 Pole



Flange Dimensions

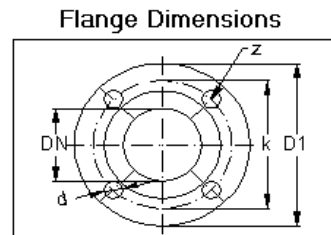
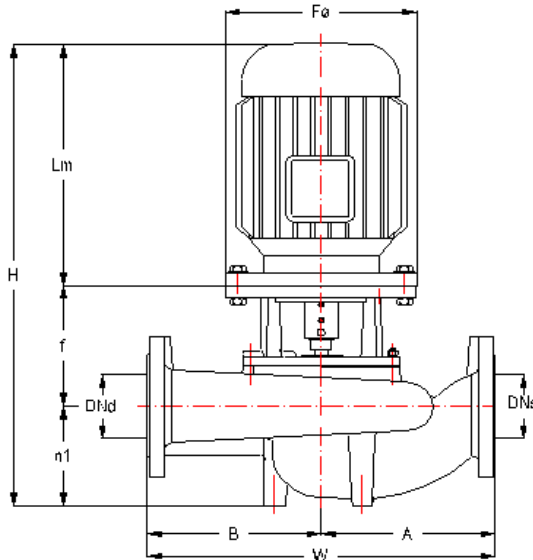
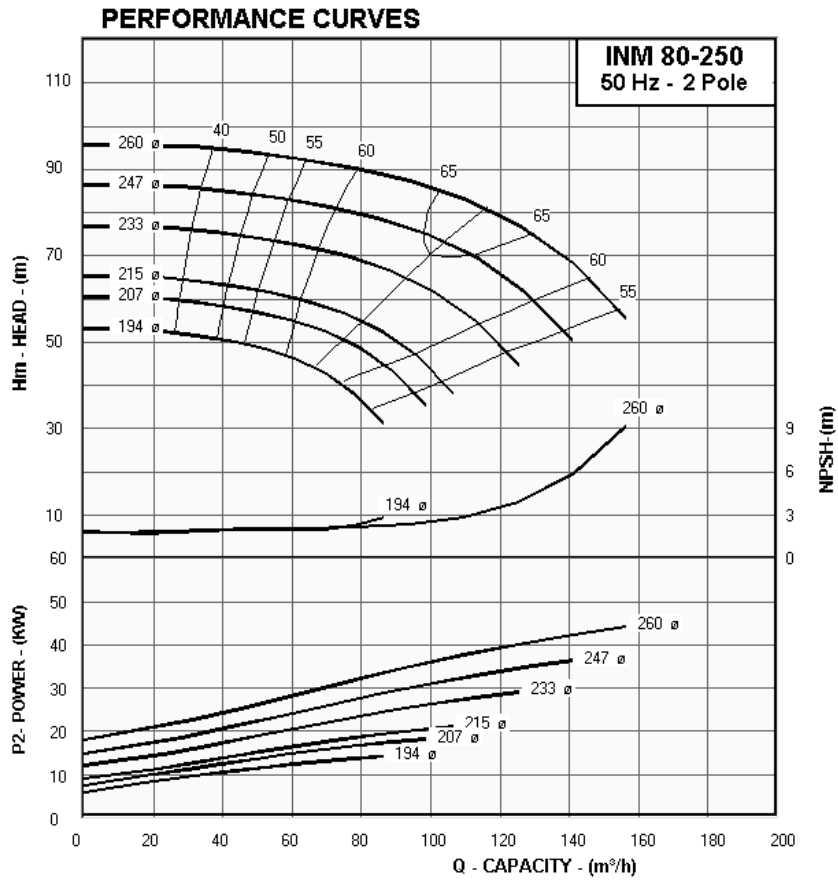


EN 1092 -2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
80	200	160	18	8
80	200	160	18	8

DIMENSIONS TABLE. INM 80-200 (2940 RPM) Main Part Codes

Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 80-200/ 3702	218	200L2	37	347	80	80	140	260	637	400	250	250	1037	500	35	ML7+K6	A2.23	F6
INM 80-200/ 3002	210	200L2	30	347	80	80	140	260	637	400	250	250	1037	500	35	ML7+K6	A2.23	F6
INM 80-200/ 2202	195	180M2	22	346	80	80	140	230	544	350	250	250	914	500	30	ML2c	A2.22	F5
INM 80-200/ 1852	186	160L2	18.5	345	80	80	140	230	528	350	250	250	898	500	30	ML2b	A2.22	F5
INM 80-200/ 1502	175	160M2	15	345	80	80	140	230	484	350	250	250	854	500	30	ML2b	A2.22	F5
INM 80-200/ 1102	162	160M2	11	345	80	80	140	230	484	350	250	250	854	500	30	ML2b	A2.22	F5

TECHNICAL DATA : INM 80-250 - 50 Hz - 2 Pole

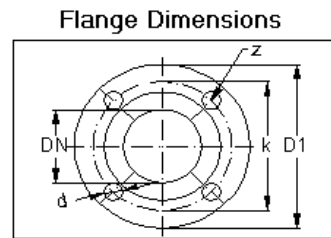
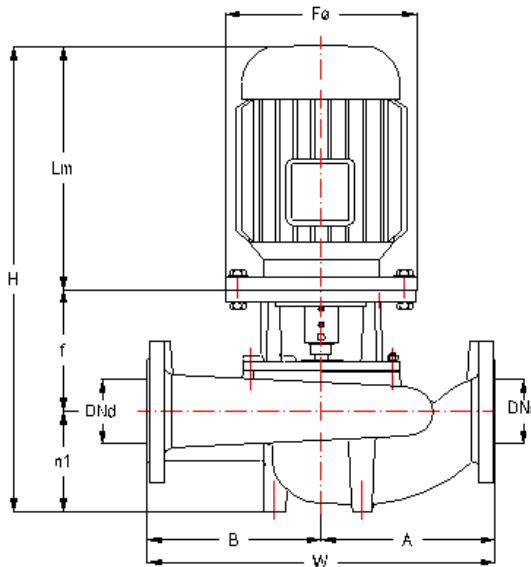
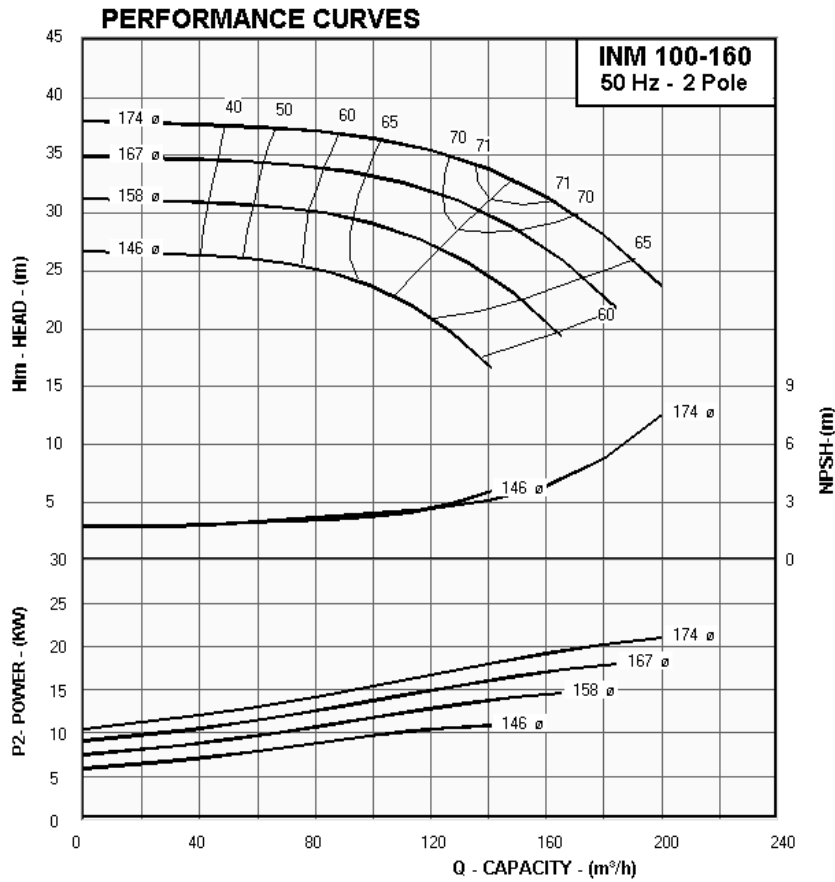


EN 1092 -2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
80	200	160	18	8
80	200	160	18	8

DIMENSIONS TABLE. INM 80-250 (2940 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 80-250/ 4502	260	225M2	45	618	80	80	145	55	680	450	270	280	880	550	35	ML8 + K6	B2.13	F8a
INM 80-250/ 3702	247	200L2	37	617	80	80	145	270	637	400	270	280	1052	550	35	ML8 + K6	B2.13	F8
INM 80-250/ 3002	233	200L2	30	617	80	80	145	270	637	400	270	280	1052	550	35	ML8 + K6	B2.13	F8
INM 80-250/ 2202	215	180M2	22	616	80	80	145	240	544	350	270	280	929	550	30	ML4c	B2.12	F7
INM 80-250/ 2202	207	180M2	22	616	80	80	145	240	544	350	270	280	929	550	30	ML4c	B2.12	F7
INM 80-250/ 1502	194	160M2	15	615	80	80	145	240	484	350	270	280	869	550	30	ML4b	B2.12	F7

TECHNICAL DATA : INM 100-160 - 50 Hz - 2 Pole

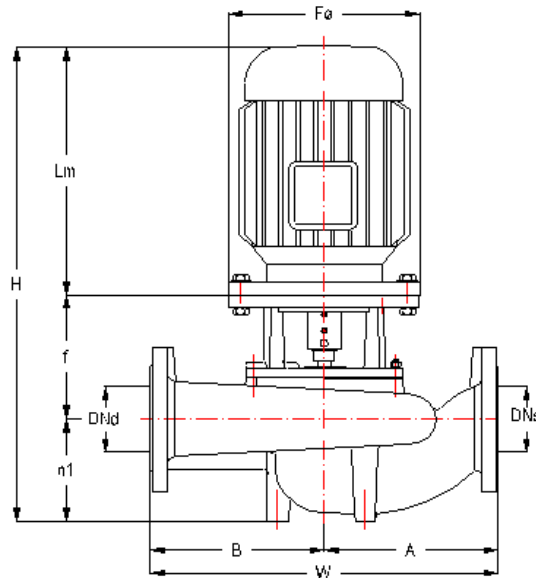
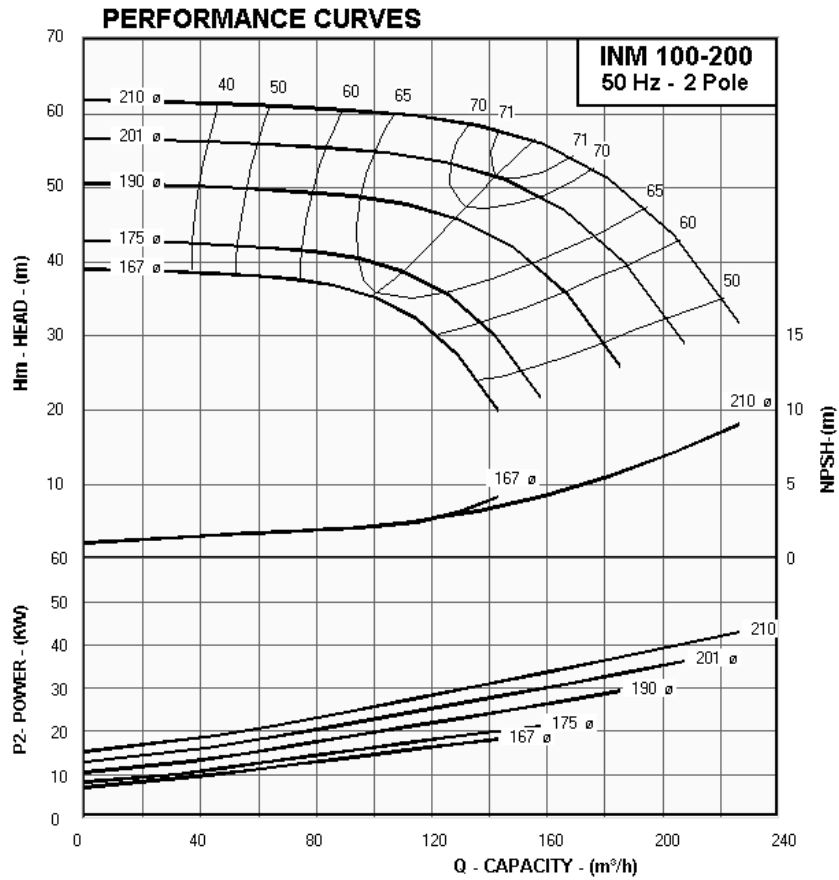


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
100	220	180	18	8
100	220	180	18	8

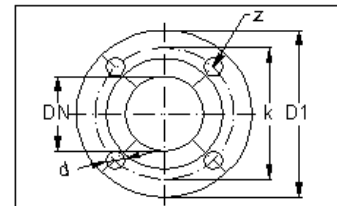
DIMENSIONS TABLE. INM 100-160 (2940 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 100-160/ 2202	174	180M2	22	226	100	100	155	240	544	350	250	250	939	500	30	ML2c	A1.32	-
INM 100-160/ 1852	167	160L2	18.5	225	100	100	155	240	528	350	250	250	923	500	30	ML2b	A1.32	-
INM 100-160/ 1502	158	160M2	15	225	100	100	155	240	484	350	250	250	879	500	30	ML2b	A1.32	-
INM 100-160/ 1102	146	160M2	11	225	100	100	155	240	484	350	250	250	879	500	30	ML2b	A1.32	-

TECHNICAL DATA : INM 100-200 - 50 Hz - 2 Pole



Flange Dimensions



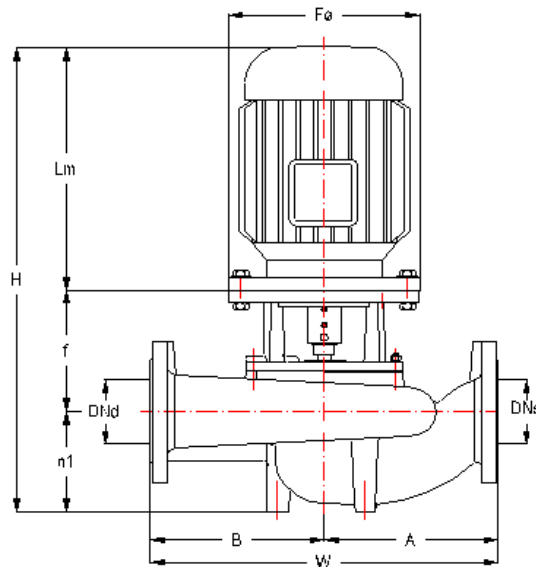
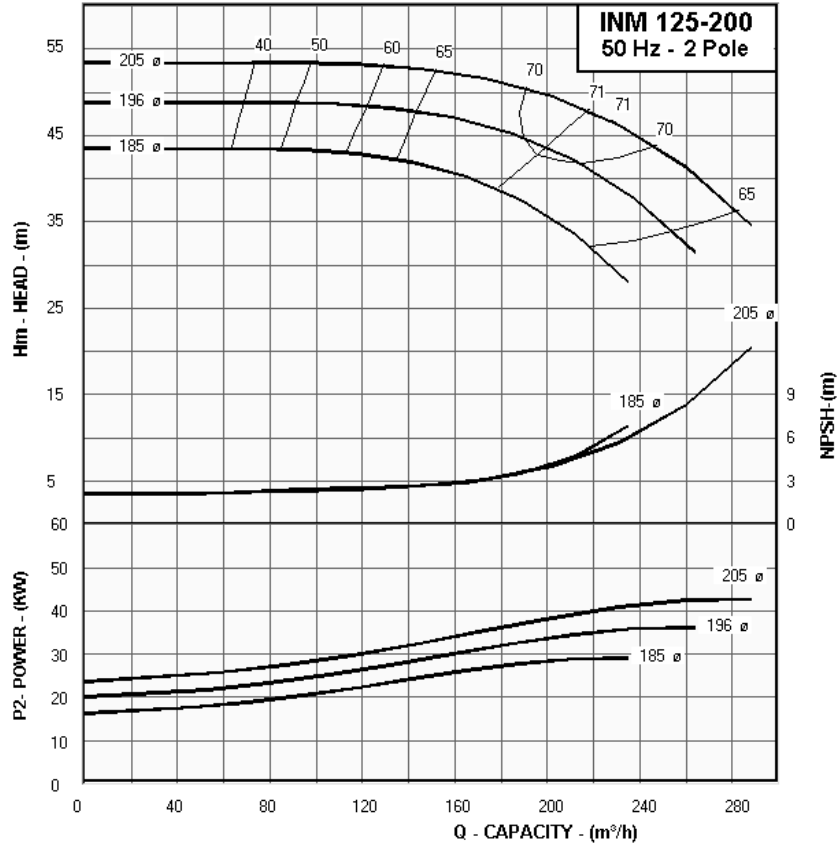
EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
100	220	180	18	8
100	220	180	18	8

DIMENSIONS TABLE. INM 100-200 (2945 RPM) Main Part Codes

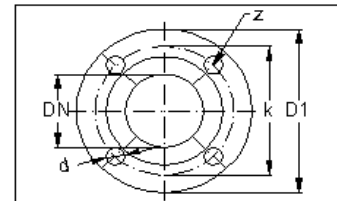
Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 100-200/ 4502	210	225M2	45	518	100	100	180	55	680	450	275	275	915	550	0			
INM 100-200/ 3702	201	200L2	37	517	100	100	180	270	637	400	275	275	1087	550	35	ML8 + K6	B1.13	F6
INM 100-200/ 3002	190	200L2	30	517	100	100	180	270	637	400	275	275	1087	550	35	ML8 + K6	B1.13	F6
INM 100-200/ 2202	175	180M2	22	516	100	100	180	240	544	350	275	275	964	550	30	ML4c	B1.12	F5
INM 100-200/ 1852	167	160L2	18.5	515	100	100	180	240	528	350	275	275	948	550	30	ML4b	B1.12	F5

TECHNICAL DATA : INM 125-200 - 50 Hz - 2 Pole

PERFORMANCE CURVES



Flange Dimensions



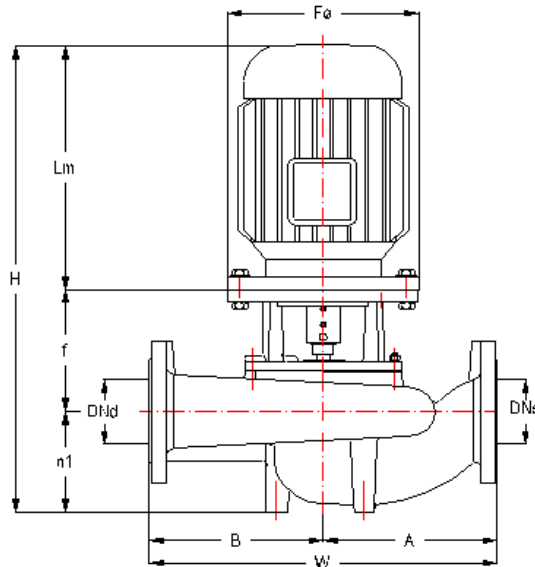
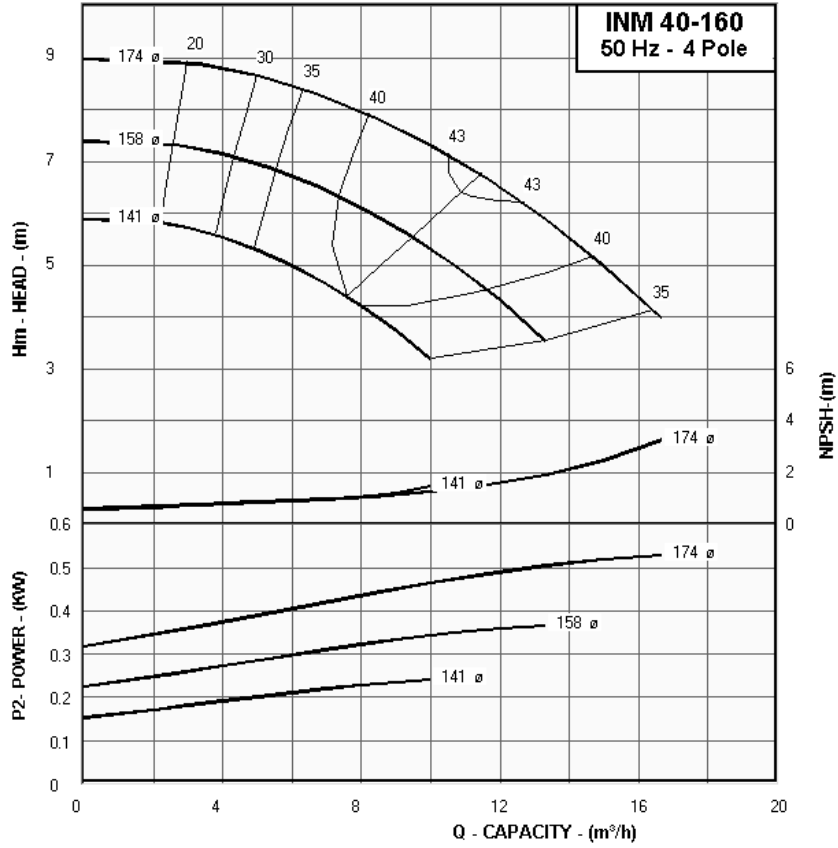
EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
125	250	210	18	8
125	250	210	18	8

DIMENSIONS TABLE. INM 125-200 (2945 RPM) Main Part Codes

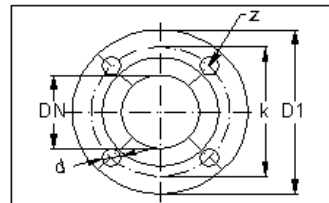
Pump Size	Imp. ø	Motor Size	Kw	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 125-200/ 4502	205	225M2	45	528	125	125	210	55	680	450	300	300	945	600	0			
INM 125-200/ 3702	196	200L2	37	527	125	125	210	270	637	400	300	300	1117	600	35	ML8 + K6	B1.13	F6
INM 125-200/ 3002	185	200L2	30	527	125	125	210	270	637	400	300	300	1117	600	35	ML8 + K6	B1.13	F6

TECHNICAL DATA : INM 40-160 - 50 Hz - 4 Pole

PERFORMANCE CURVES



Flange Dimensions

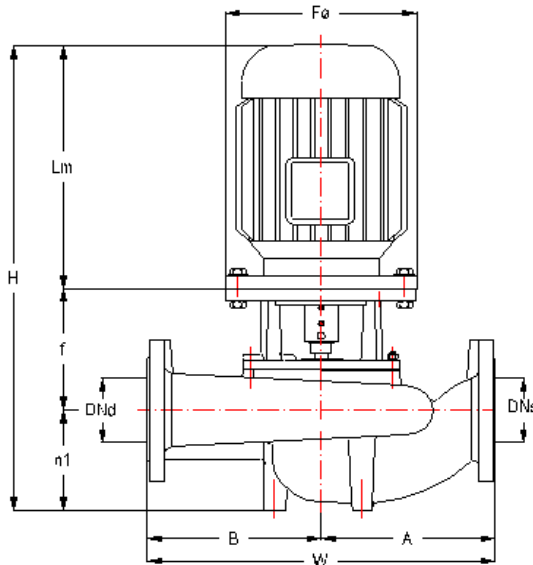
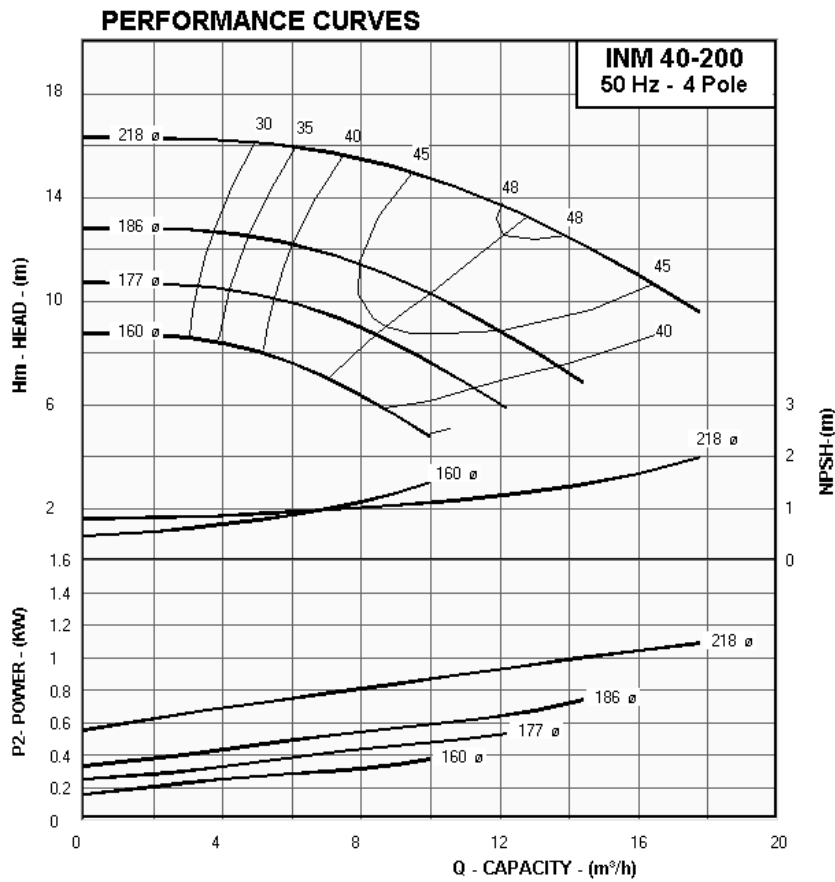


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
40	150	110	18	4
40	150	110	18	4

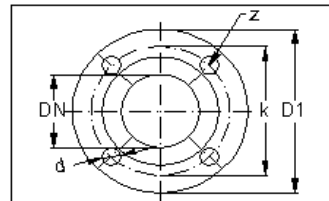
DIMENSIONS TABLE. INM 40-160 (1400 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 40-160/ 59	174	80 4a	0.55	111	40	40	80	160	233	200	160	160	473	320	20	ML1a	A1.11	-
INM 40-160/ 41	158	71 4b	0.37	110	40	40	80	145	212	160	160	160	437	320	20	ML1k	A1.1k	T1
INM 40-160/ 29	141	71 4a	0.25	110	40	40	80	145	212	160	160	160	437	320	20	ML1k	A1.1k	T1

TECHNICAL DATA : INM 40-200 - 50 Hz - 4 Pole



Flange Dimensions

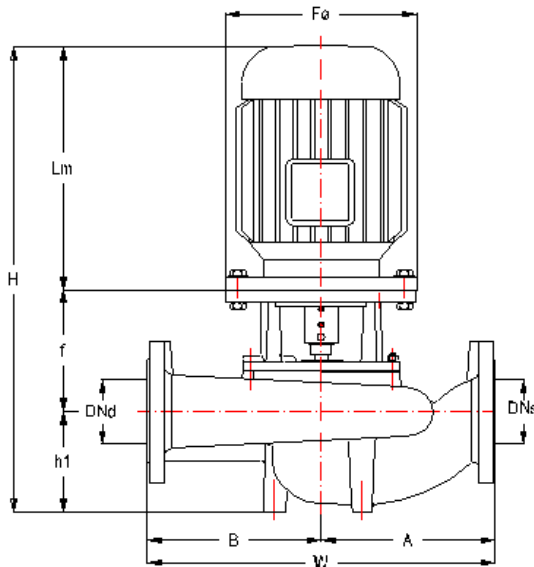
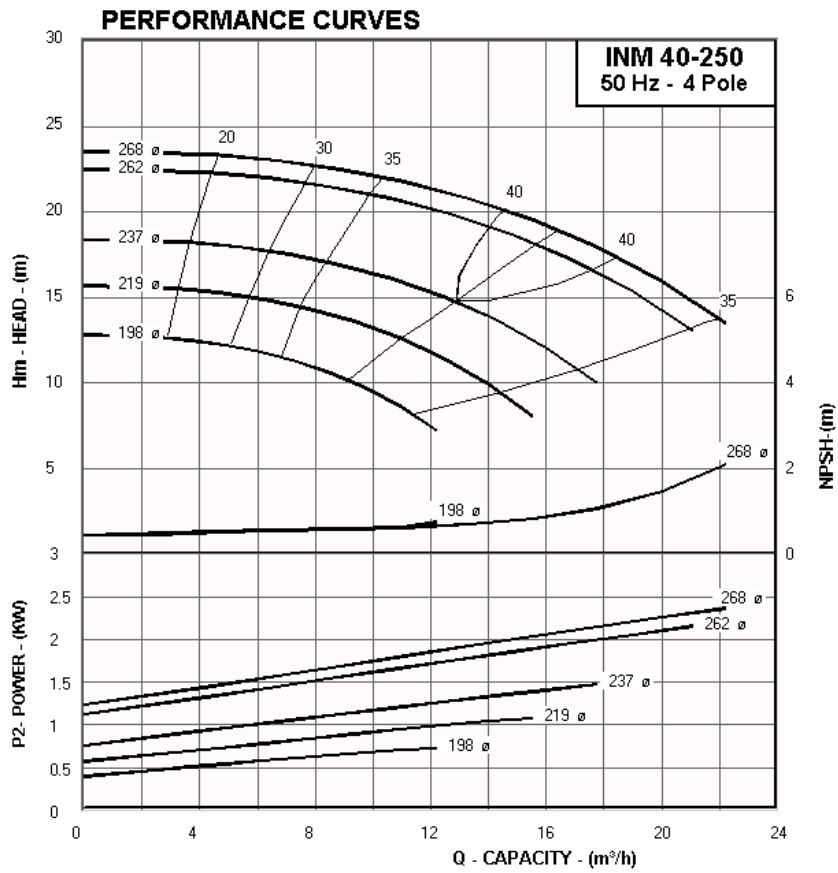


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
40	150	110	18	4
40	150	110	18	4

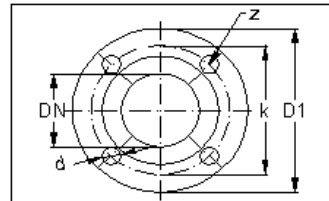
DIMENSIONS TABLE. INM 40-200 (1420 RPM) Main Part Codes

Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 40-200/ 114	218	90S 4	1.1	312	40	40	95	160	250	200	190	190	505	380	20	ML1b	A2.11	-
INM 40-200/ 79	186	80 4b	0.75	311	40	40	95	160	233	200	190	190	488	380	20	ML1a	A2.11	-
INM 40-200/ 59	177	80 4a	0.55	311	40	40	95	160	233	200	190	190	488	380	20	ML1a	A2.11	-
INM 40-200/ 41	160	71 4b	0.37	310	40	40	95	145	212	160	190	190	452	380	20	ML1k	A2.1k	T1

TECHNICAL DATA : INM 40-250 - 50 Hz - 4 Pole



Flange Dimensions

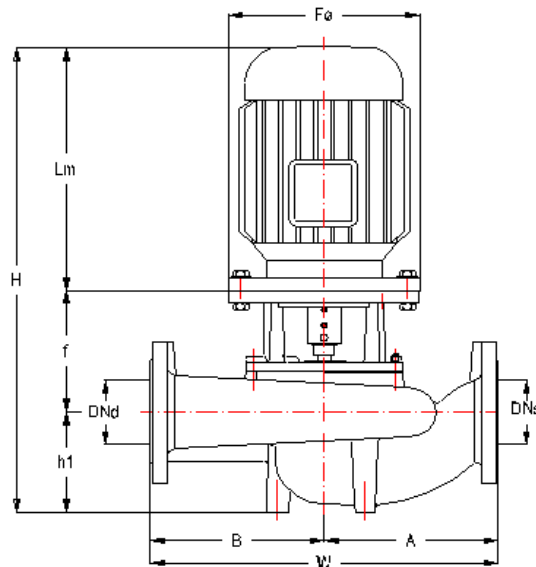
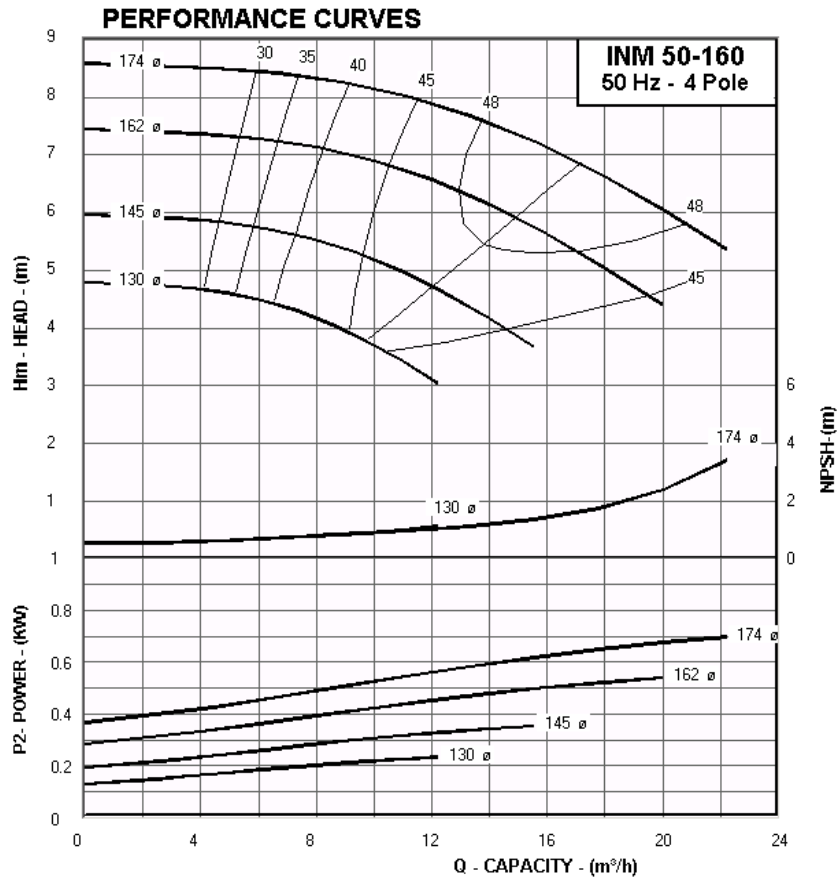


EN 1092 -2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
40	150	110	18	4
40	150	110	18	4

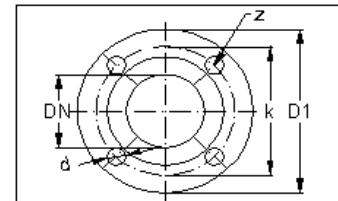
DIMENSIONS TABLE. INM 40-250 (1400 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 40-250/ 304	268	100L4	3	413	40	40	100	190	305	250	215	225	595	440	20	ML1c	A3.11	-
INM 40-250/ 224	262	100L4	2.2	413	40	40	100	190	305	250	215	225	595	440	20	ML1c	A3.11	-
INM 40-250/ 154	237	90L 4	1.5	412	40	40	100	170	275	200	215	225	545	440	20	ML1b	A3.0A	-
INM 40-250/ 114	219	90S 4	1.1	412	40	40	100	170	250	200	215	225	520	440	20	ML1b	A3.0A	-
INM 40-250/ 79	198	80 4b	0.75	411	40	40	100	170	233	200	215	225	503	440	20	ML1a	A3.0A	-

TECHNICAL DATA : INM 50-160 - 50 Hz - 4 Pole



Flange Dimensions



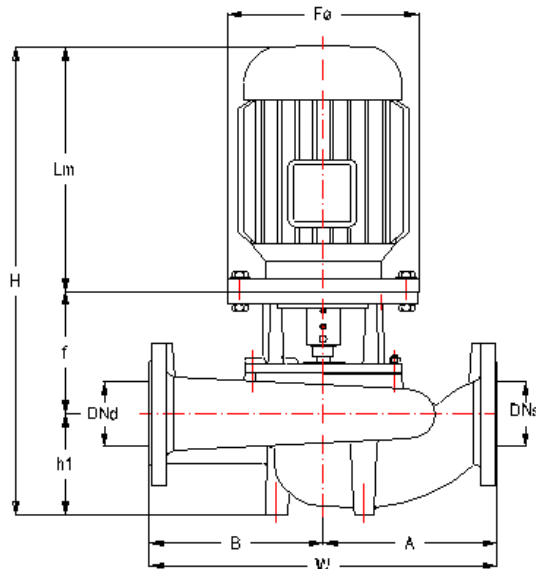
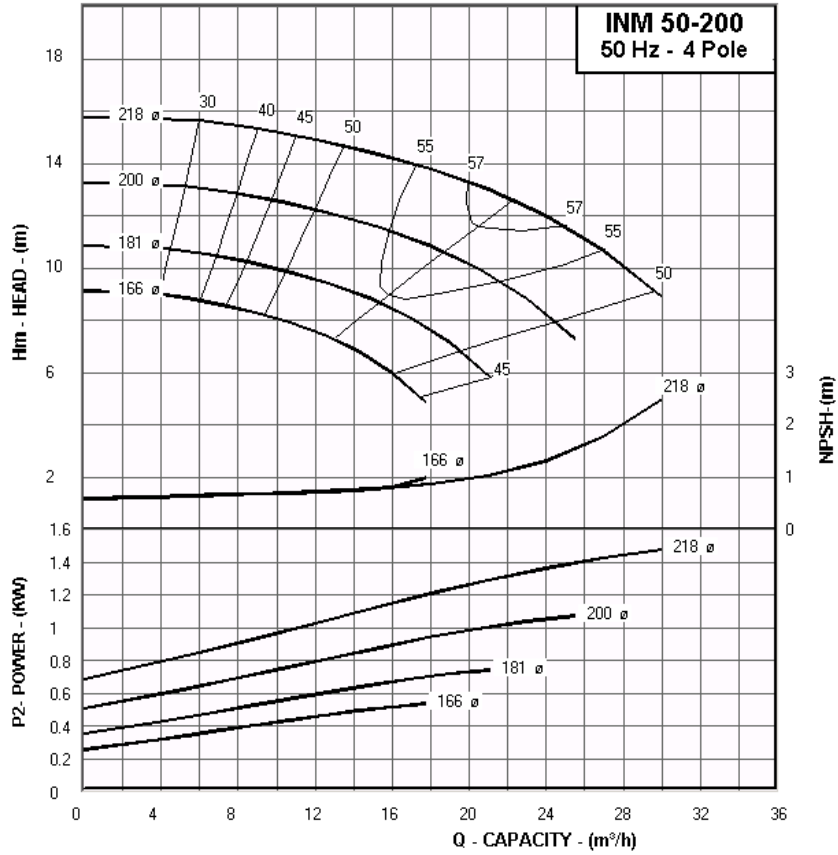
EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
50	165	125	18	4
50	165	125	18	4

DIMENSIONS TABLE. INM 50-160 (1420 RPM) Main Part Codes

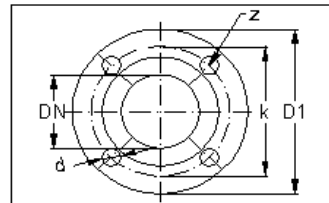
Pump Size	Imp. ø	Motor Size	Kw	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 50-160/ 79	174	80 4b	0.75	121	50	50	100	160	233	200	180	180	493	360	20	ML1a	A1.11	-
INM 50-160/ 59	162	80 4a	0.55	121	50	50	100	160	233	200	180	180	493	360	20	ML1a	A1.11	-
INM 50-160/ 41	145	71 4b	0.37	120	50	50	100	145	212	160	180	180	457	360	20	ML1k	A1.1k	T1
INM 50-160/ 29	130	71 4a	0.25	120	50	50	100	145	212	160	180	180	457	360	20	ML1k	A1.1k	T1

TECHNICAL DATA : INM 50-200 - 50 Hz - 4 Pole

PERFORMANCE CURVES



Flange Dimensions

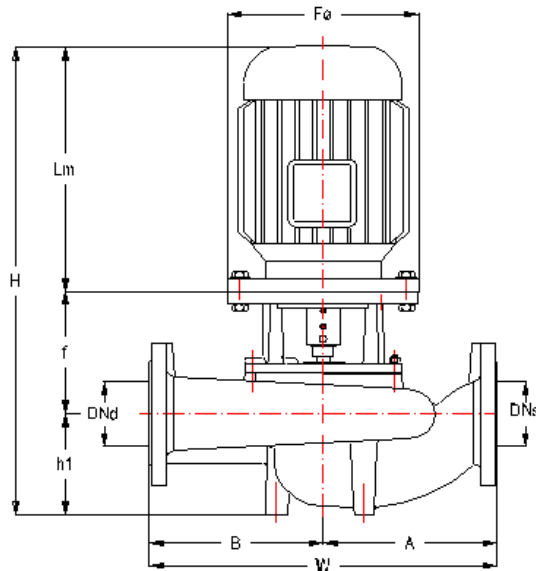
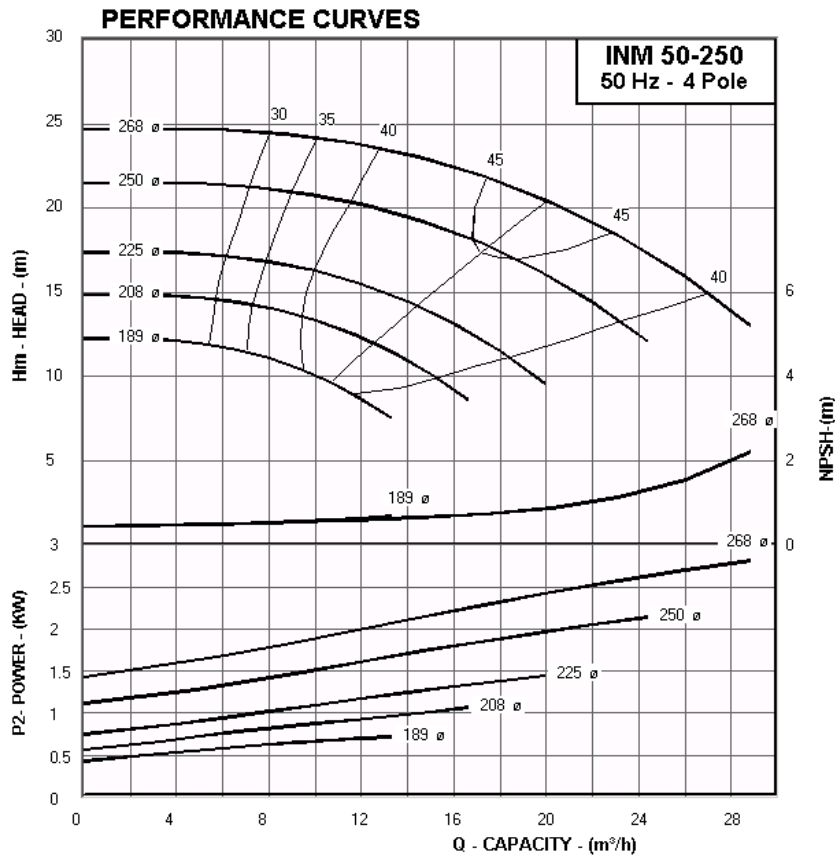


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
50	165	125	18	4
50	165	125	18	4

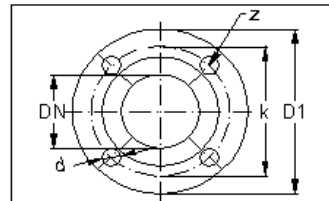
DIMENSIONS TABLE. INM 50-200 (1420 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 50-200/ 154	218	90L 4	1.5	322	50	50	110	160	275	200	200	200	545	400	20	ML1b	A2.11	-
INM 50-200/ 114	200	90S 4	1.1	322	50	50	110	160	250	200	200	200	520	400	20	ML1b	A2.11	-
INM 50-200/ 79	181	80 4b	0.75	321	50	50	110	160	233	200	200	200	503	400	20	ML1a	A2.11	-
INM 50-200/ 59	166	80 4a	0.55	321	50	50	110	160	233	200	200	200	503	400	20	ML1a	A2.11	-

TECHNICAL DATA : INM 50-250 - 50 Hz - 4 Pole



Flange Dimensions

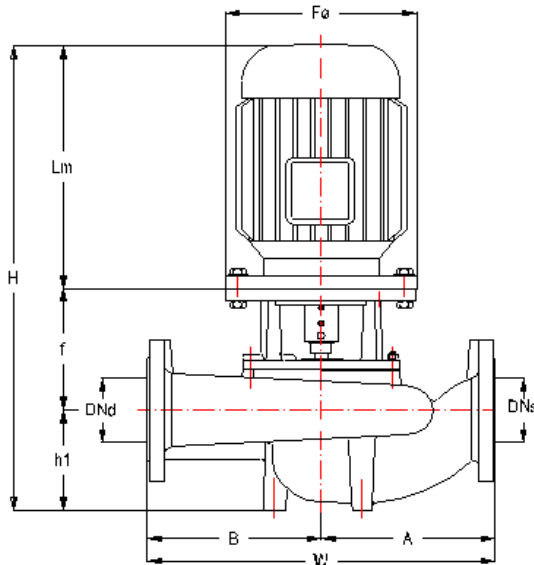
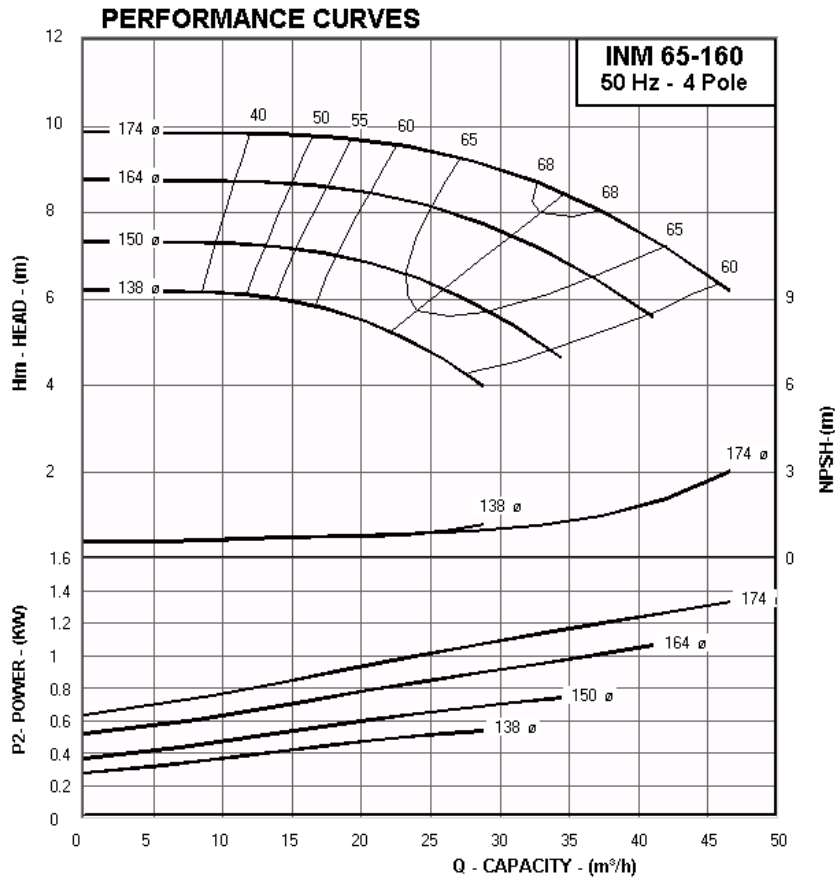


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
50	165	125	18	4
40	150	110	18	4

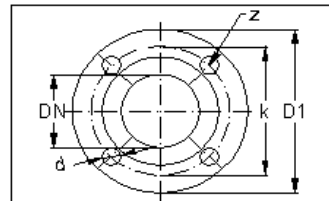
DIMENSIONS TABLE. INM 50-250 (1430 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 50-250/ 304	268	100L4	3	423	50	40	115	180	305	250	215	225	600	440	20	ML1c	A3.11	-
INM 50-250/ 224	250	100L4	2.2	423	50	40	115	180	305	250	215	225	600	440	20	ML1c	A3.11	-
INM 50-250/ 154	225	90L 4	1.5	422	50	40	115	160	275	200	215	225	550	440	20	ML1b	A3.0B	-
INM 50-250/ 114	208	90S 4	1.1	422	50	40	115	160	250	200	215	225	525	440	20	ML1b	A3.0B	-
INM 50-250/ 79	189	80 4b	0.75	421	50	40	115	160	233	200	215	225	508	440	20	ML1a	A3.0B	-

TECHNICAL DATA : INM 65-160 - 50 Hz - 4 Pole



Flange Dimensions



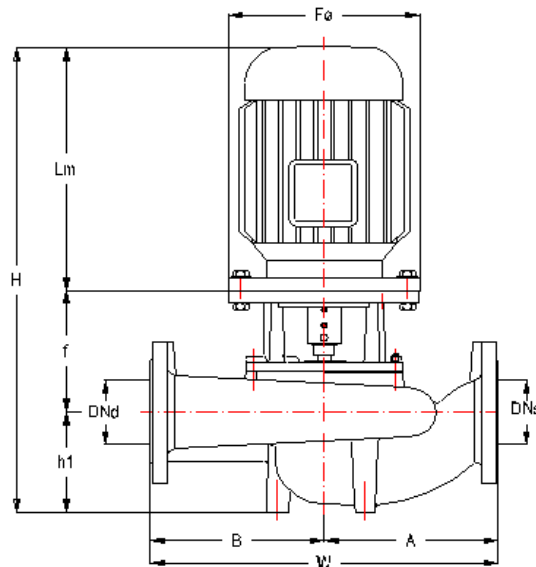
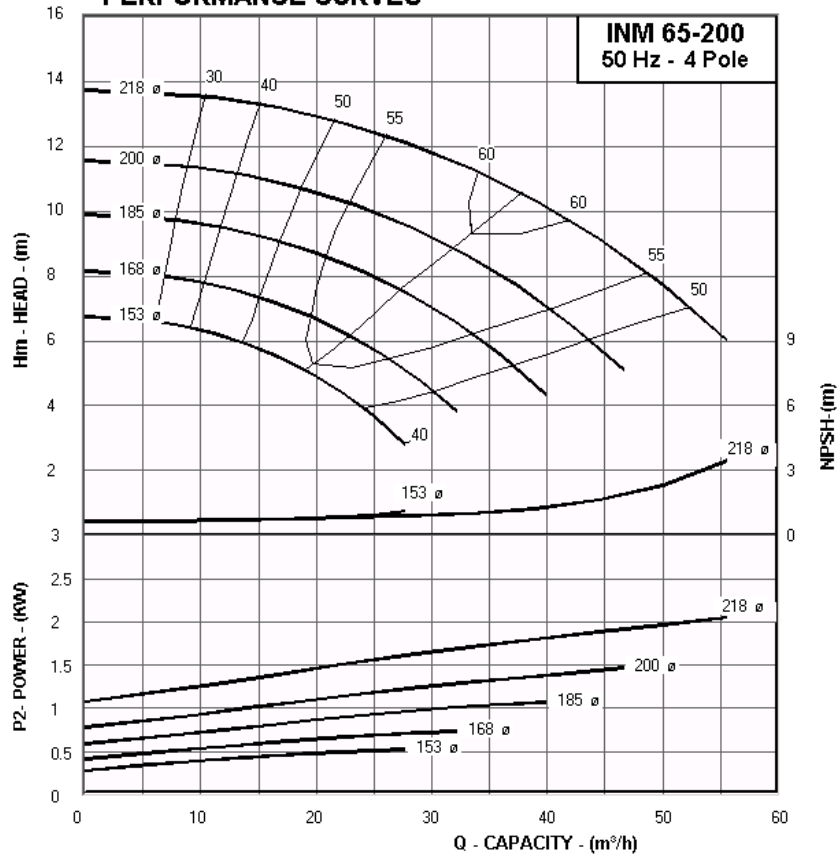
EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
65	185	145	18	4
65	185	145	18	4

DIMENSIONS TABLE. INM 65-160 (1420 RPM) Main Part Codes

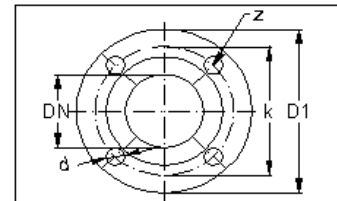
Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 65-160/ 154	174	90L 4	1.5	132	65	65	115	160	275	200	200	200	550	400	20	ML1b	A1.11	-
INM 65-160/ 114	164	90S 4	1.1	132	65	65	115	160	250	200	200	200	525	400	20	ML1b	A1.11	-
INM 65-160/ 79	150	80 4b	0.75	131	65	65	115	160	233	200	200	200	508	400	20	ML1a	A1.11	-
INM 65-160/ 59	138	80 4a	0.55	131	65	65	115	160	233	200	200	200	508	400	20	ML1a	A1.11	-

TECHNICAL DATA : INM 65-200 - 50 Hz - 4 Pole

PERFORMANCE CURVES



Flange Dimensions

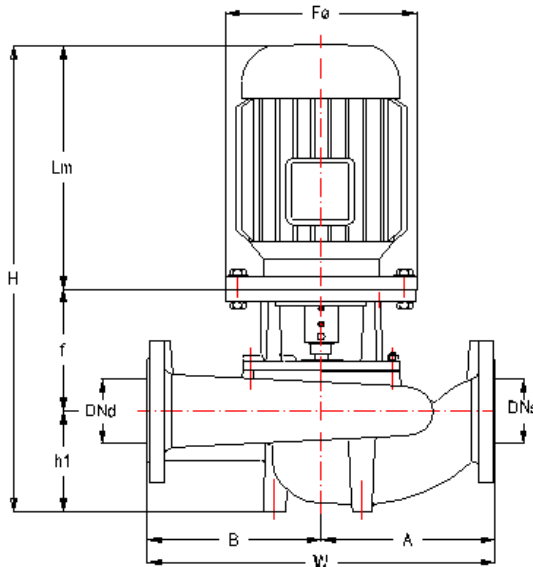
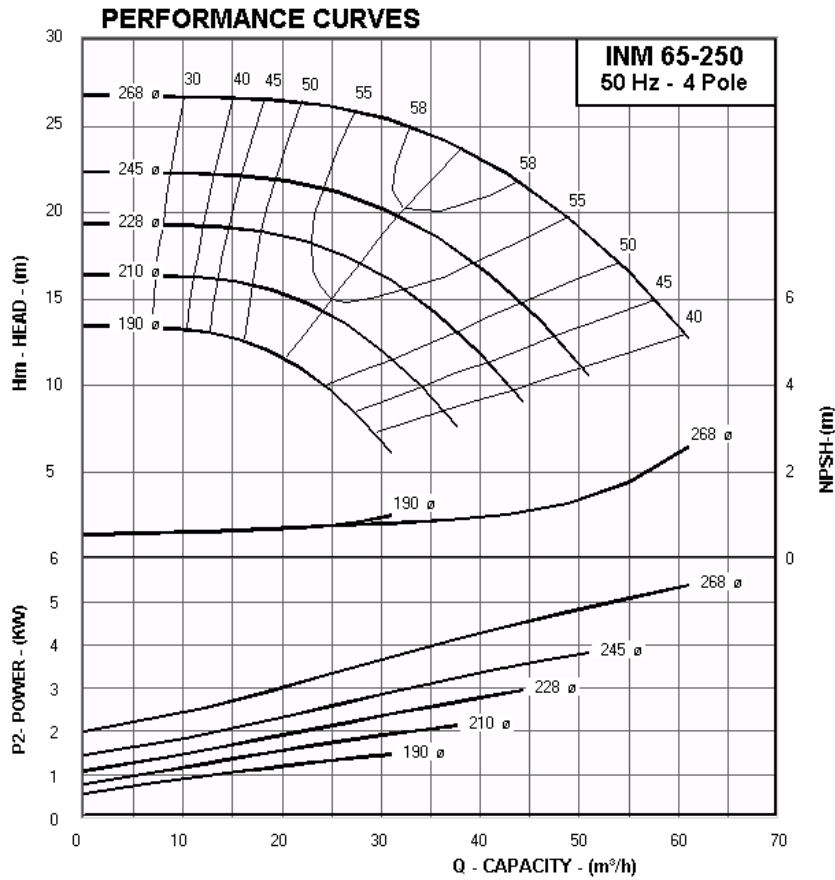


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
65	185	145	18	4
65	185	145	18	4

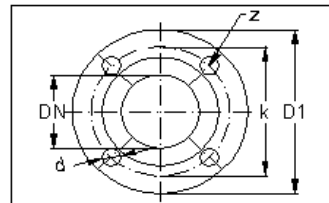
DIMENSIONS TABLE. INM 65-200 (1420 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	Kw	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 65-200/ 224	218	100L4	2.2	333	65	65	115	180	305	250	230	230	600	460	20	ML1c	A2.21	-
INM 65-200/ 154	200	90L 4	1.5	332	65	65	115	160	275	200	230	230	550	460	20	ML1b	A2.11	-
INM 65-200/ 114	185	90S 4	1.1	332	65	65	115	160	250	200	230	230	525	460	20	ML1b	A2.11	-
INM 65-200/ 79	168	80 4b	0.75	331	65	65	115	160	233	200	230	230	508	460	20	ML1a	A2.11	-
INM 65-200/ 59	153	80 4a	0.55	331	65	65	115	160	233	200	230	230	508	460	20	ML1a	A2.11	-

TECHNICAL DATA : INM 65-250 - 50 Hz - 4 Pole



Flange Dimensions

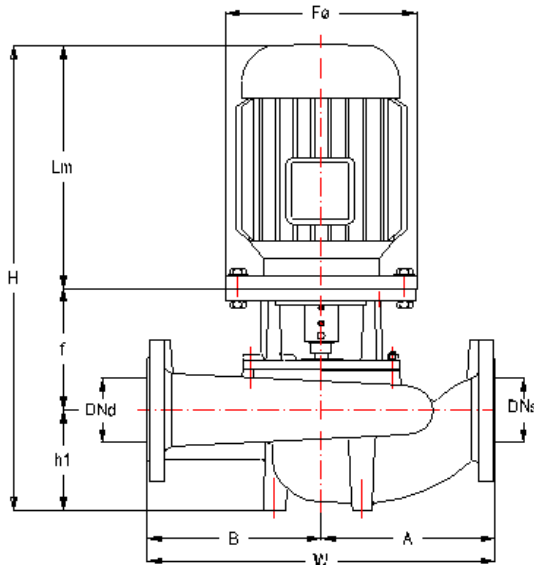
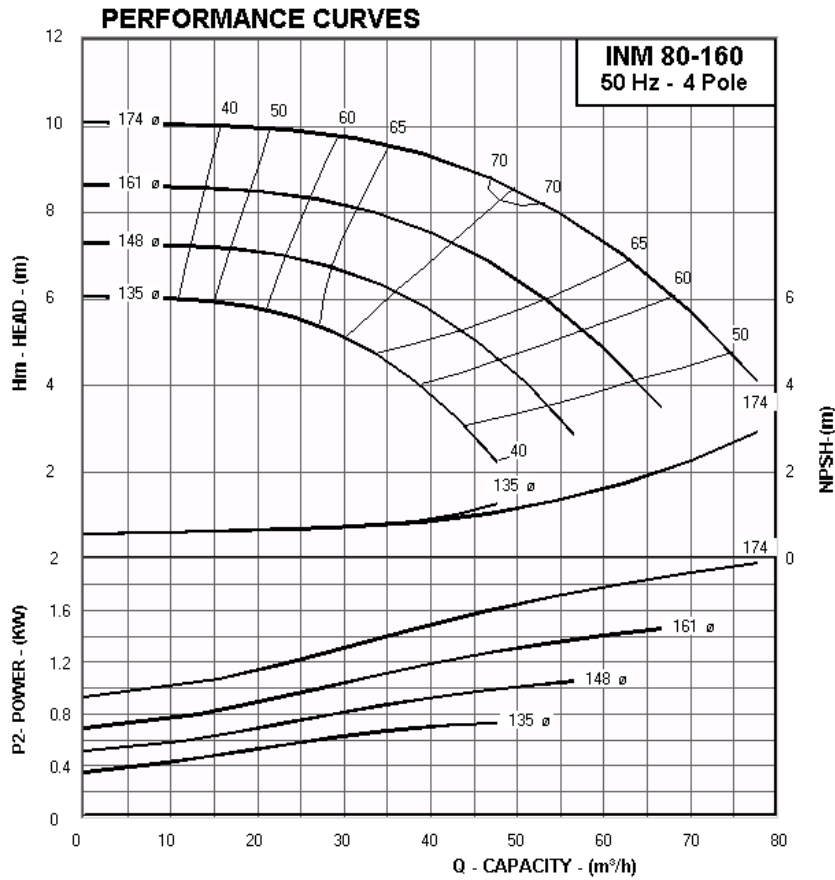


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
65	185	145	18	4
65	185	145	18	4

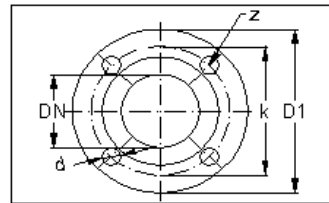
DIMENSIONS TABLE. INM 65-250 (1450 RPM) Main Part Codes

Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 65-250/ 554	268	132S4	5.5	434	65	65	135	205	375	300	245	235	715	480	30	ML2a	A3.12	F4
INM 65-250/ 404	245	112M4	4	433	65	65	135	180	324	250	245	235	639	480	20	ML1c	A3.11	-
INM 65-250/ 304	228	100L4	3	433	65	65	135	180	305	250	245	235	620	480	20	ML1c	A3.11	-
INM 65-250/ 224	210	100L4	2.2	433	65	65	135	180	305	250	245	235	620	480	20	ML1c	A3.11	-
INM 65-250/ 154	190	90L 4	1.5	432	65	65	135	160	275	200	245	235	570	480	20	ML1b	A3.0B	-

TECHNICAL DATA : INM 80-160 - 50 Hz - 4 Pole



Flange Dimensions



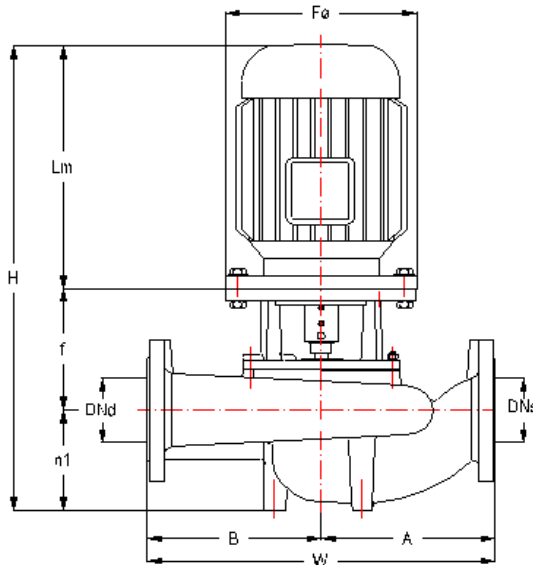
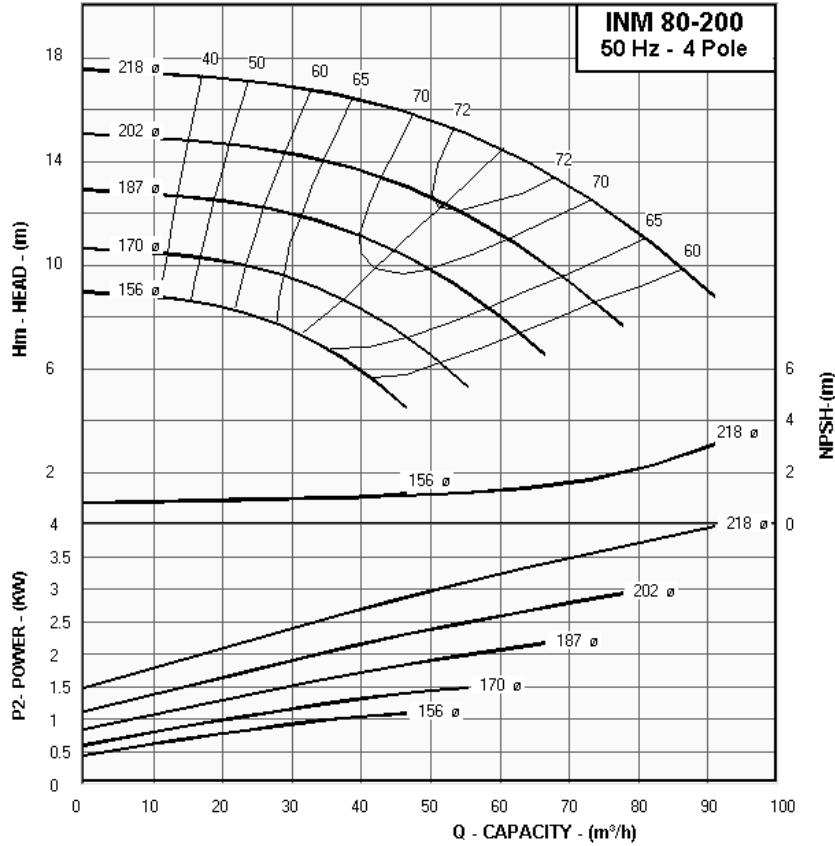
EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
80	200	160	18	8
80	200	160	18	8

DIMENSIONS TABLE. INM 80-160 (1420 RPM) Main Part Codes

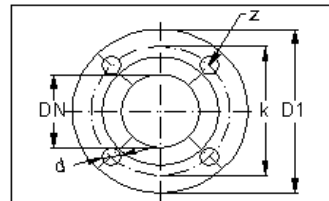
Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 80-160/ 224	174	100L4	2.2	213	80	80	135	190	305	250	220	220	630	440	20	ML1c	A1.21	F 1
INM 80-160/ 154	161	90L 4	1.5	212	80	80	135	170	275	200	220	220	580	440	20	ML1b	A1.21	-
INM 80-160/ 114	148	90S 4	1.1	212	80	80	135	170	250	200	220	220	555	440	20	ML1b	A1.21	-
INM 80-160/ 79	135	80 4b	0.75	211	80	80	135	170	233	200	220	220	538	440	20	ML1k	A1.2k	T1

TECHNICAL DATA : INM 80-200 - 50 Hz - 4 Pole

PERFORMANCE CURVES



Flange Dimensions

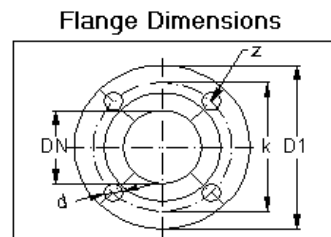
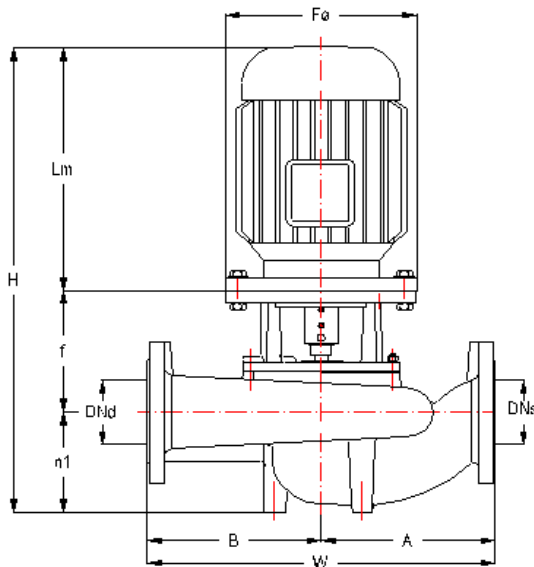
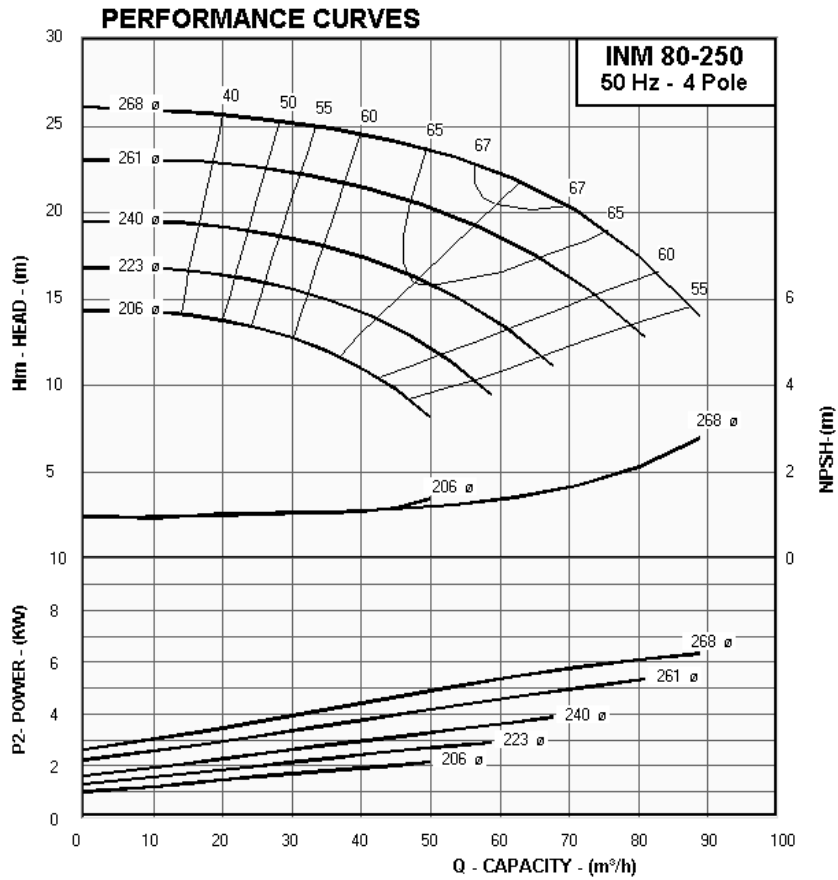


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
80	200	160	18	8
80	200	160	18	8

DIMENSIONS TABLE. INM 80-200 (1440 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 80-200/ 404	218	112M4	4	343	80	80	140	205	324	250	250	250	669	500	20	ML1c	A2.21	-
INM 80-200/ 304	202	100L4	3	343	80	80	140	205	305	250	250	250	650	500	20	ML1c	A2.21	-
INM 80-200/ 224	187	100L4	2.2	343	80	80	140	205	305	250	250	250	650	500	20	ML1c	A2.21	-
INM 80-200/ 154	170	90L 4	1.5	342	80	80	140	160	275	200	250	250	575	500	20	ML1b	A2.11	-
INM 80-200/ 114	156	90S 4	1.1	342	80	80	140	160	250	200	250	250	550	500	20	ML1b	A2.11	-

TECHNICAL DATA : INM 80-250 - 50 Hz - 4 Pole

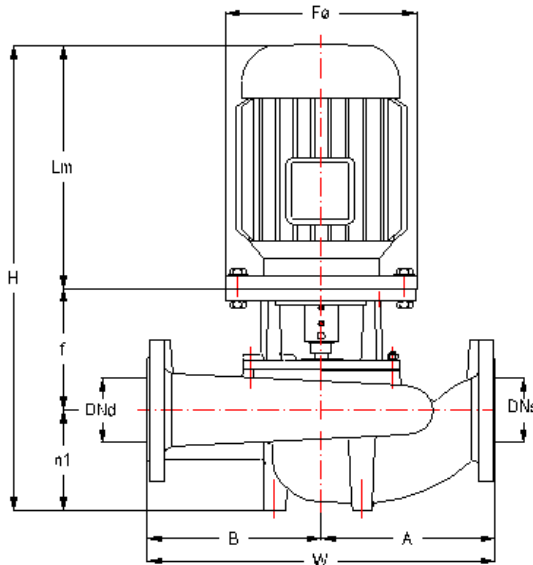
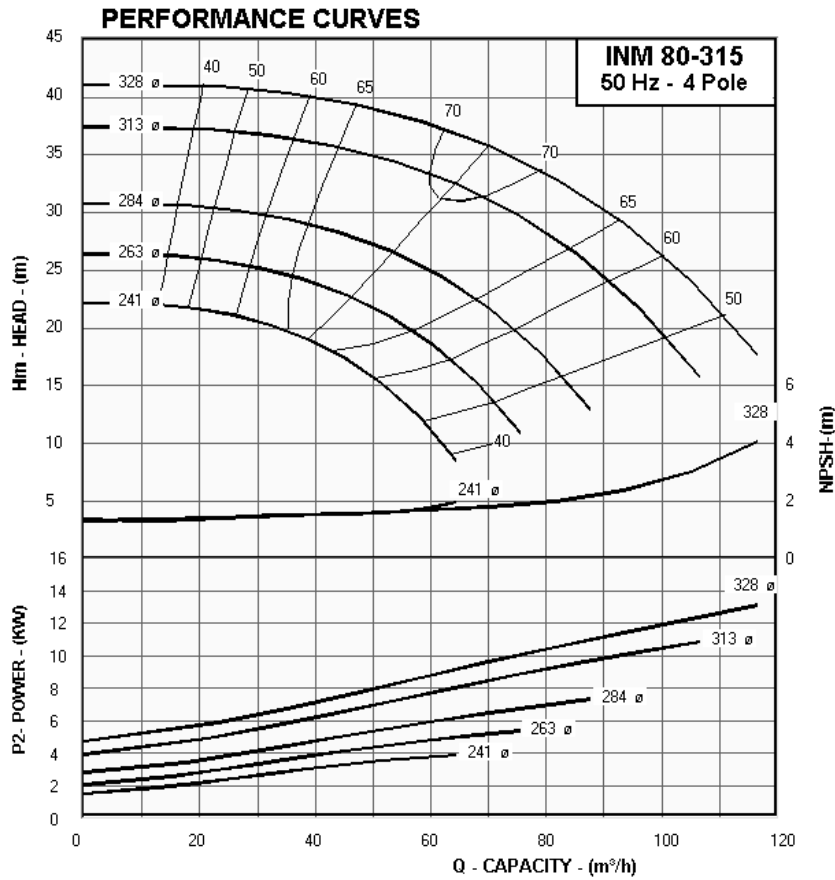


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
80	200	160	18	8
80	200	160	18	8

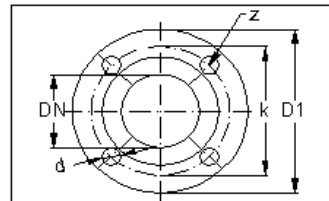
DIMENSIONS TABLE. INM 80-250 (1450 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 80-250/ 754	268	132M4	7.5	614	80	80	145	215	413	300	270	280	773	550	30	ML4a	B2.12	-
INM 80-250/ 554	261	132S4	5.5	614	80	80	145	215	375	300	270	280	735	550	30	ML4a	B2.12	-
INM 80-250/ 404	240	112M4	4	613	80	80	145	180	324	250	270	280	649	550	20	ML1c	A3.11	-
INM 80-250/ 304	223	100L4	3	613	80	80	145	180	305	250	270	280	630	550	20	ML1c	A3.11	-
INM 80-250/ 224	206	100L4	2.2	613	80	80	145	180	305	250	270	280	630	550	20	ML1c	A3.11	-

TECHNICAL DATA : INM 80-315 - 50 Hz - 4 Pole



Flange Dimensions

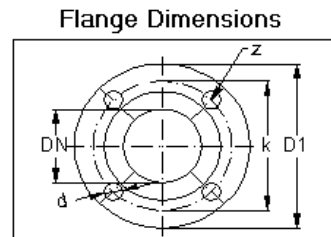
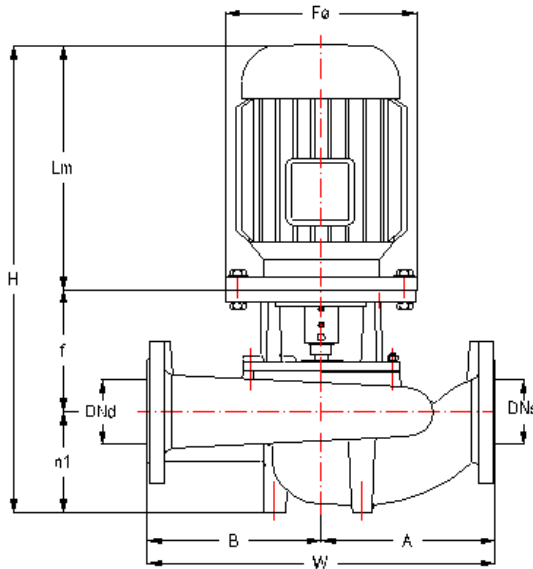
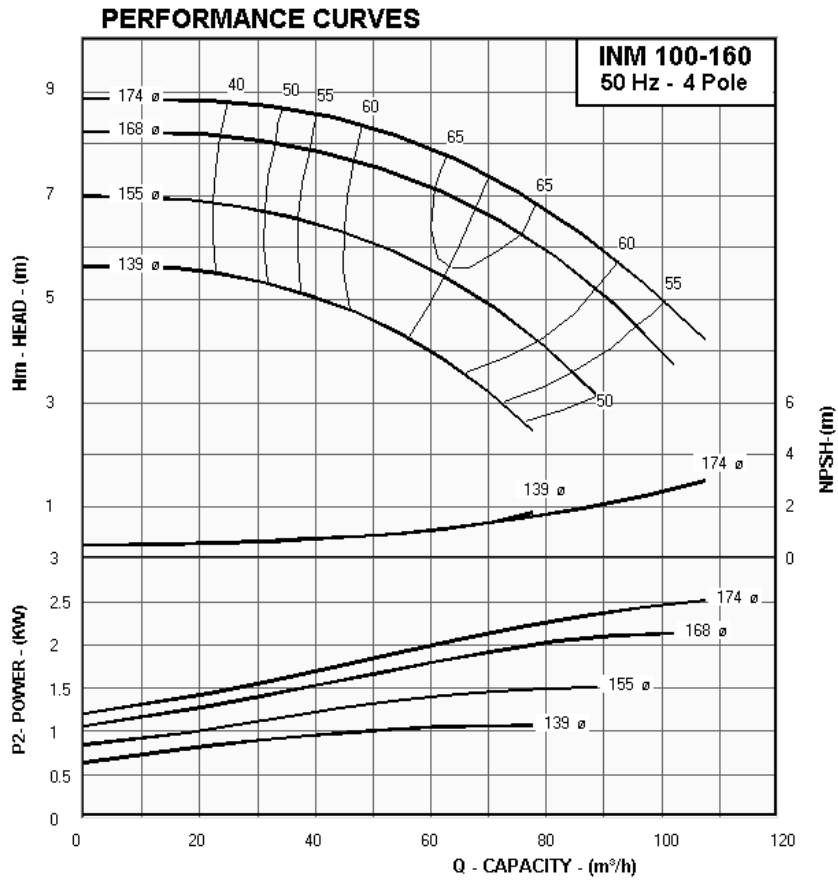


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
80	200	160	18	8
80	200	160	18	8

DIMENSIONS TABLE. INM 80-315 (1450 RPM) Main Part Codes

Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 80-315/ 1504	328	160L4	15	715	80	80	160	240	528	350	300	300	928	600	30	ML4b	B3.12	-
INM 80-315/ 1104	313	160M4	11	715	80	80	160	240	484	350	300	300	884	600	30	ML4b	B3.12	-
INM 80-315/ 754	284	132M4	7.5	714	80	80	160	215	413	300	300	300	788	600	30	ML4a	B3.02	-
INM 80-315/ 554	263	132S4	5.5	714	80	80	160	215	375	300	300	300	750	600	30	ML4a	B3.02	-
INM 80-315/ 404	241	112M4	4	713	80	80	160	205	324	250	300	300	689	600	30	ML3	B3.12kb	T6

TECHNICAL DATA : INM 100-160 - 50 Hz - 4 Pole



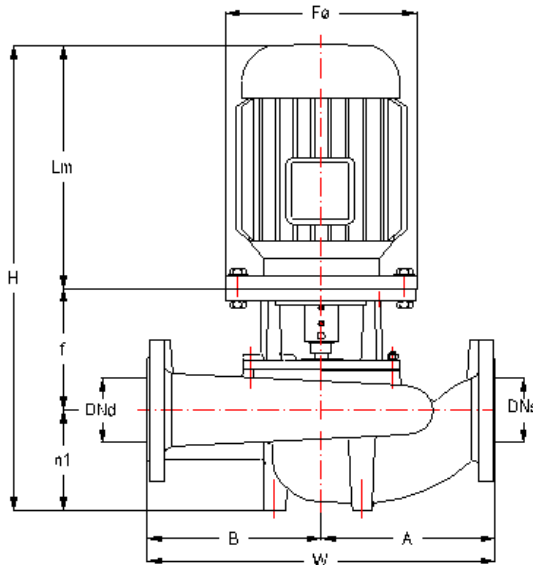
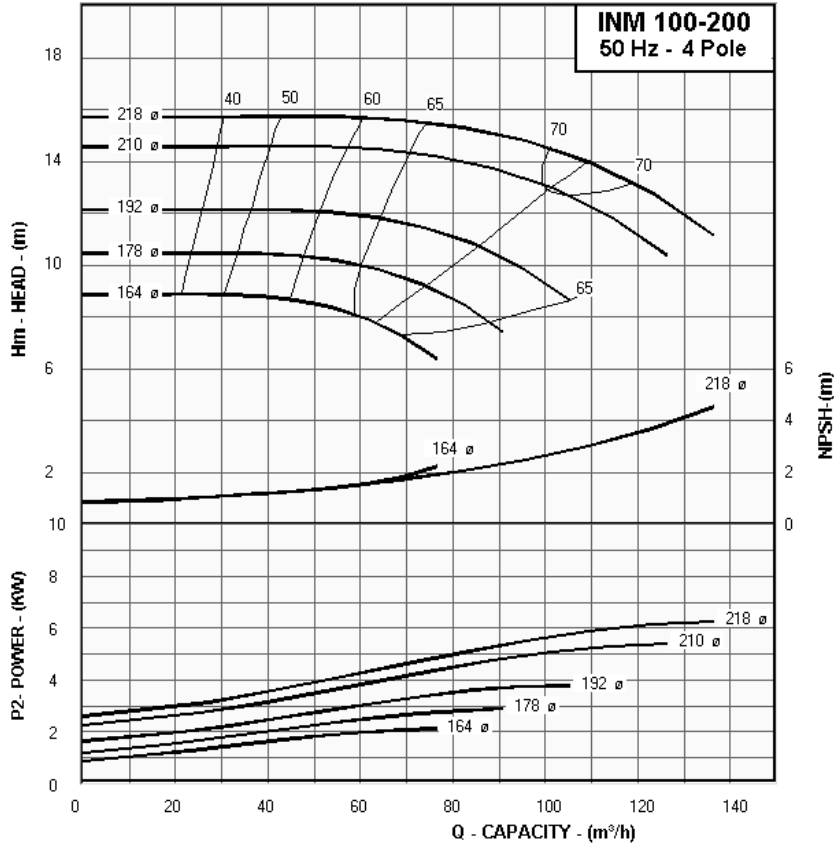
EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
100	220	180	18	8
100	220	180	18	8

DIMENSIONS TABLE. INM 100-160 (1430 RPM) Main Part Codes

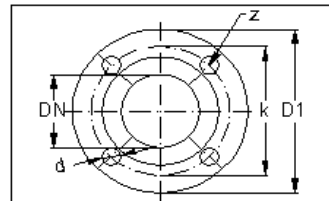
Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 100-160/ 304	174	100L4	3	223	100	100	155	190	305	250	250	250	650	500	20	ML1c	A1.21	F 1
INM 100-160/ 224	168	100L4	2.2	223	100	100	155	190	305	250	250	250	650	500	20	ML1c	A1.21	F 1
INM 100-160/ 154	155	90L 4	1.5	222	100	100	155	170	275	200	250	250	600	500	20	ML1b	A1.21	-
INM 100-160/ 114	139	90S 4	1.1	222	100	100	155	170	250	200	250	250	575	500	20	ML1b	A1.21	-

TECHNICAL DATA : INM 100-200 - 50 Hz - 4 Pole

PERFORMANCE CURVES



Flange Dimensions

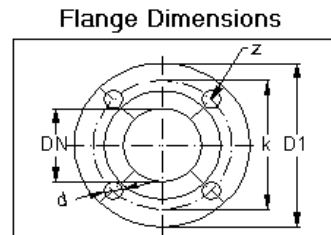
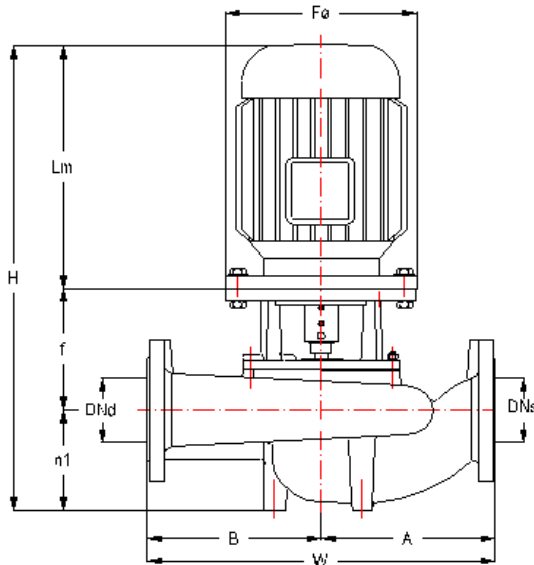
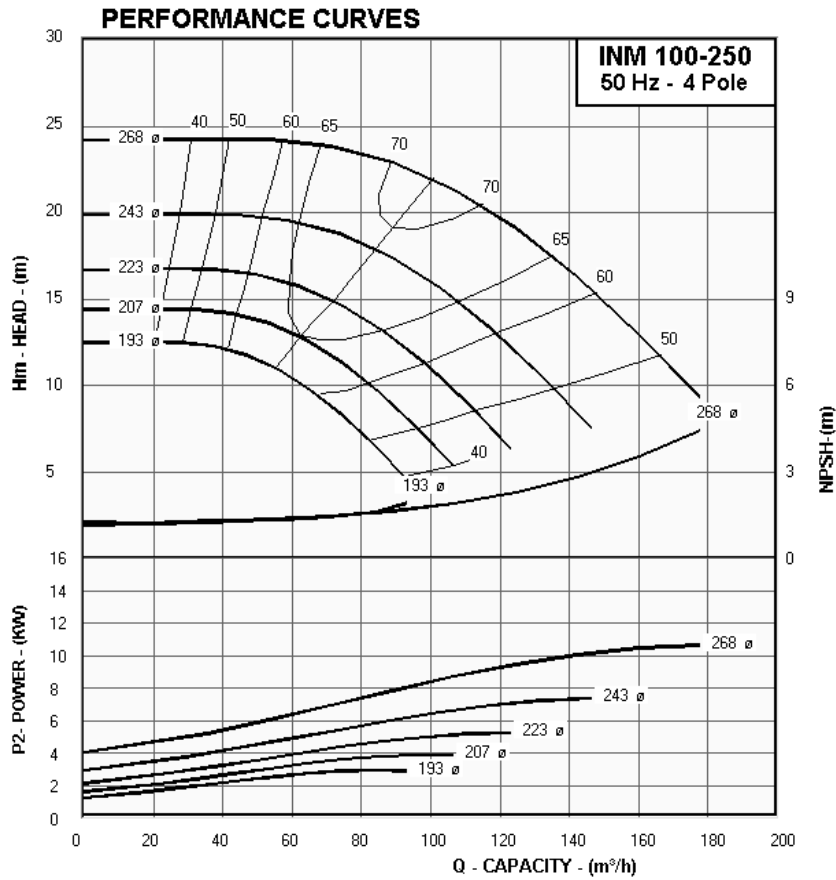


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
100	220	180	18	8
100	220	180	18	8

DIMENSIONS TABLE. INM 100-200 (1450 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 100-200/ 754	218	132M4	7.5	514	100	100	180	215	413	300	275	275	808	550	30	ML4a	B1.12	F4
INM 100-200/ 554	210	132S4	5.5	514	100	100	180	215	375	300	275	275	770	550	30	ML4a	B1.12	F4
INM 100-200/ 404	192	112M4	4	513	100	100	180	190	324	250	275	275	694	550	30	ML3	B1.12	-
INM 100-200/ 304	178	100L4	3	513	100	100	180	190	305	250	275	275	675	550	30	ML3	B1.12	-
INM 100-200/ 224	164	100L4	2.2	513	100	100	180	190	305	250	275	275	675	550	30	ML3	B1.12	-

TECHNICAL DATA : INM 100-250 - 50 Hz - 4 Pole

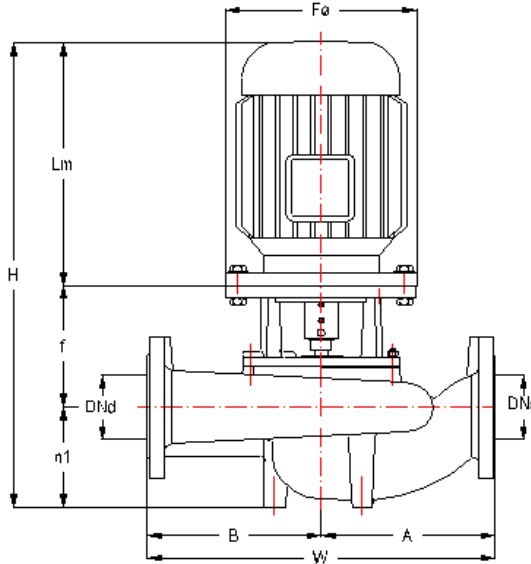
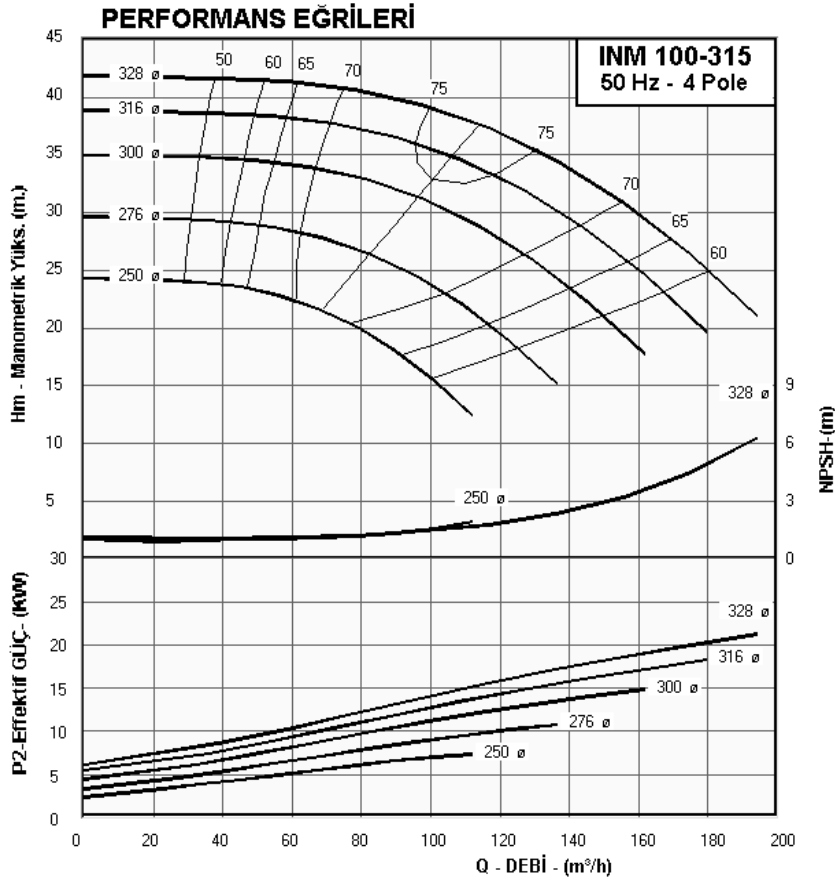


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
100	220	180	18	8
100	220	180	18	8

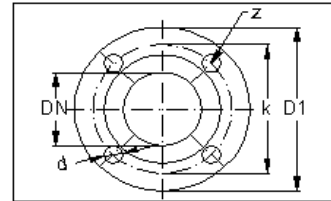
DIMENSIONS TABLE. INM 100-250 (1450 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 100-250/ 1104	268	160M4	11	625	100	100	190	240	484	350	320	280	914	600	30	ML4b	B2.12	F7
INM 100-250/ 754	243	132M4	7.5	624	100	100	190	215	413	300	320	280	818	600	30	ML4a	B2.12	-
INM 100-250/ 554	223	132S4	5.5	624	100	100	190	215	375	300	320	280	780	600	30	ML4a	B2.12	-
INM 100-250/ 404	207	112M4	4	623	100	100	190	180	324	250	320	280	694	600	30	ML3	B2.1Bk	T4
INM 100-250/ 304	193	100L4	3	623	100	100	190	180	305	250	320	280	675	600	30	ML3	B2.1Bk	T4

TEKNİK ÖZELLİKLER : INM 100-315 - 50 Hz - 4 Pole



Flanş Boyutları



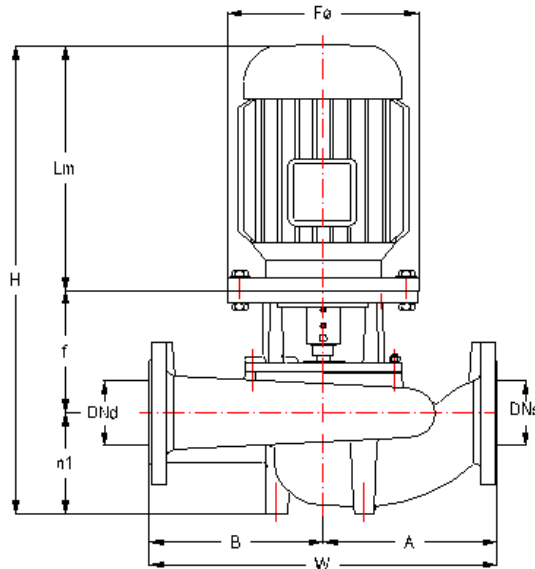
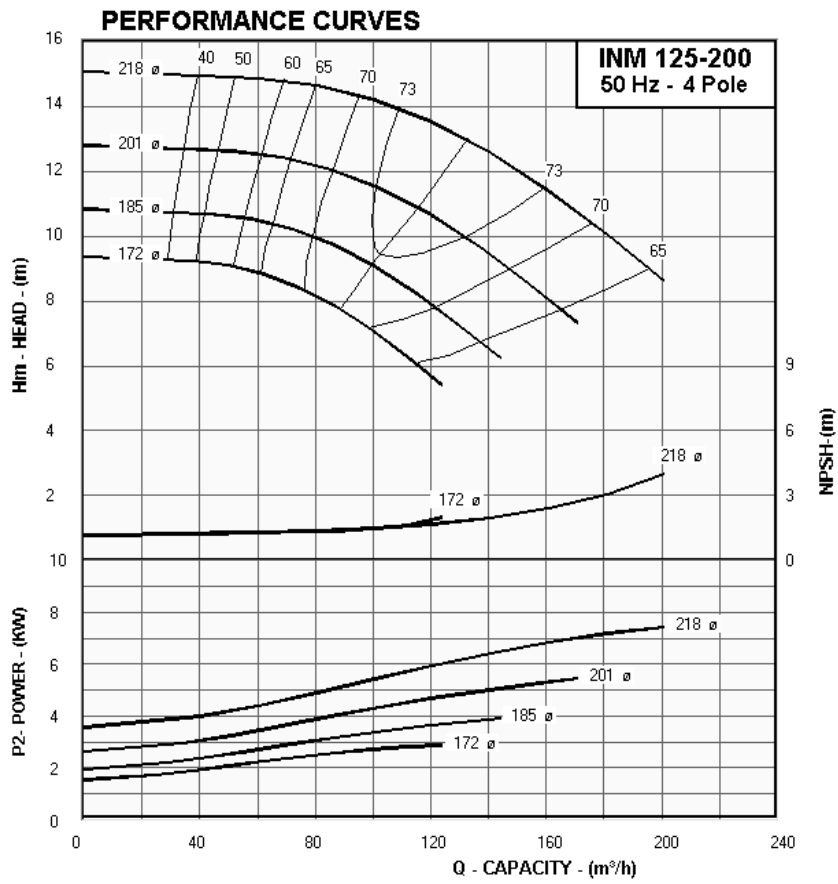
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
100	220	180	18	8
100	220	180	18	8

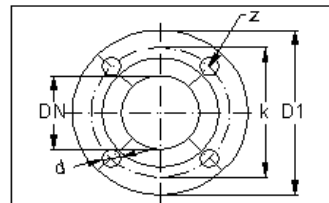
BOYUT TABLOSU : INM 100-315 (1455 d/dak) Ana Parça Kodları

Pompa Tipi	Çark ø	Motor Tipi	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Mek.S mm ø	Mil ve Kaplin	Adaptör	Flanş
INM 100-315/ 2204	328	180L4	22	726	100	100	190	240	582	350	335	315	1012	650	30	ML4k	B3.12	-
INM 100-315/ 1854	316	180M4	18.5	726	100	100	190	240	544	350	335	315	974	650	30	ML4k	B3.12	-
INM 100-315/ 1504	300	160L4	15	725	100	100	190	240	528	350	335	315	958	650	30	ML4b	B3.12	-
INM 100-315/ 1104	276	160M4	11	725	100	100	190	240	484	350	335	315	914	650	30	ML4b	B3.12	-
INM 100-315/ 754	250	132M4	7.5	724	100	100	190	215	413	300	335	315	818	650	30	ML4a	B3.12kc	T7

TECHNICAL DATA : INM 125-200 - 50 Hz - 4 Pole



Flange Dimensions

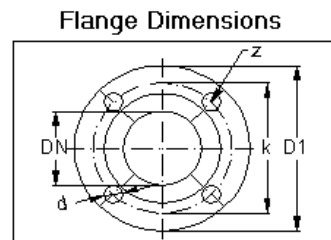
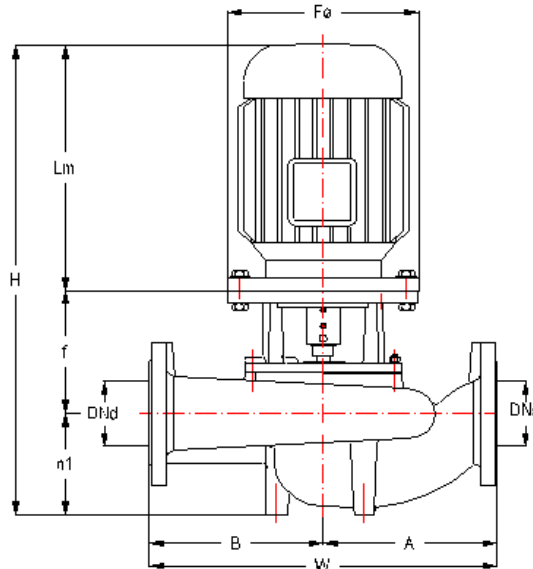
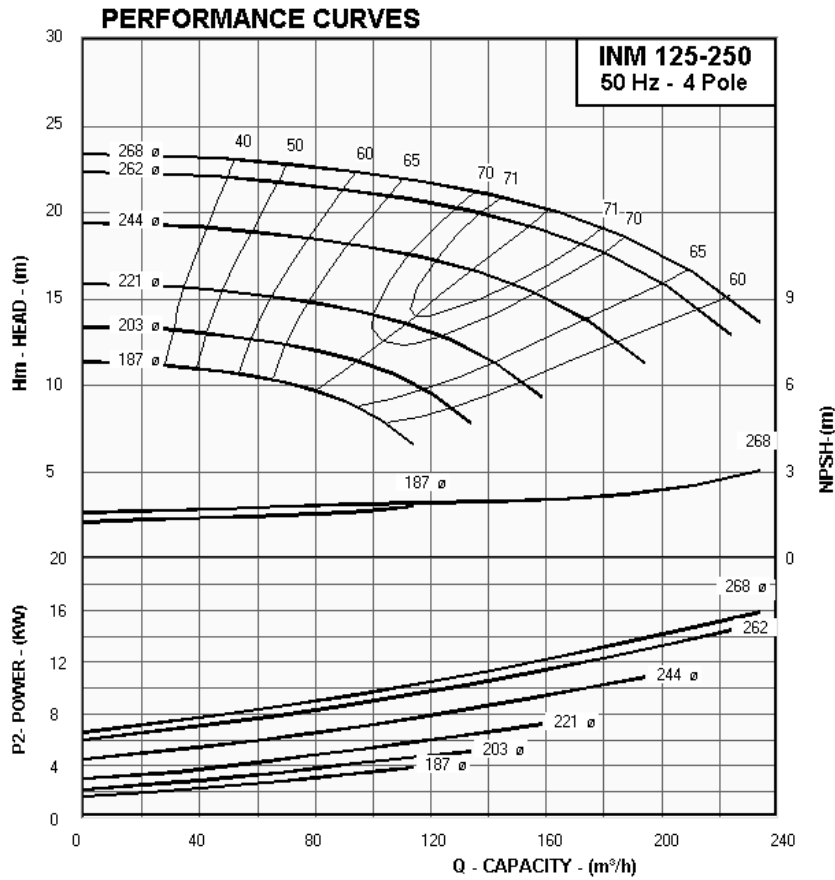


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
125	250	210	18	8
125	250	210	18	8

DIMENSIONS TABLE. INM 125-200 (1450 RPM) Main Part Codes

Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 125-200/ 754	218	132M4	7.5	524	125	125	210	215	413	300	300	300	838	600	30	ML4a	B1.12	F4
INM 125-200/ 554	201	132S4	5.5	524	125	125	210	215	375	300	300	300	800	600	30	ML4a	B1.12	F4
INM 125-200/ 404	185	112M4	4	523	125	125	210	190	324	250	300	300	724	600	30	ML3	B1.12	-
INM 125-200/ 304	172	100L4	3	523	125	125	210	190	305	250	300	300	705	600	30	ML3	B1.12	-

TECHNICAL DATA : INM 125-250 - 50 Hz - 4 Pole

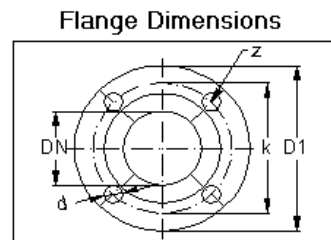
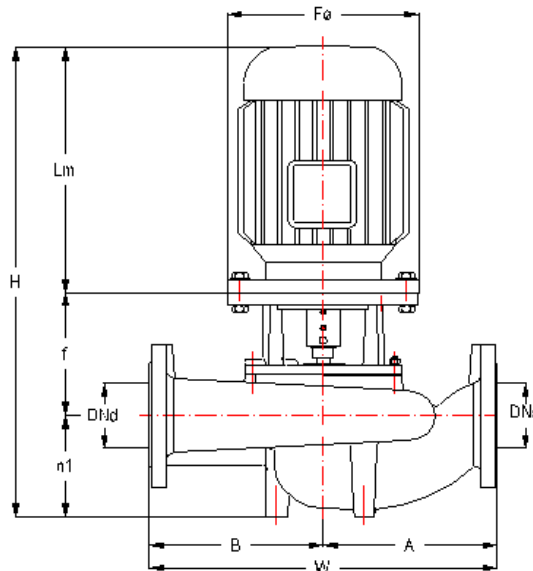
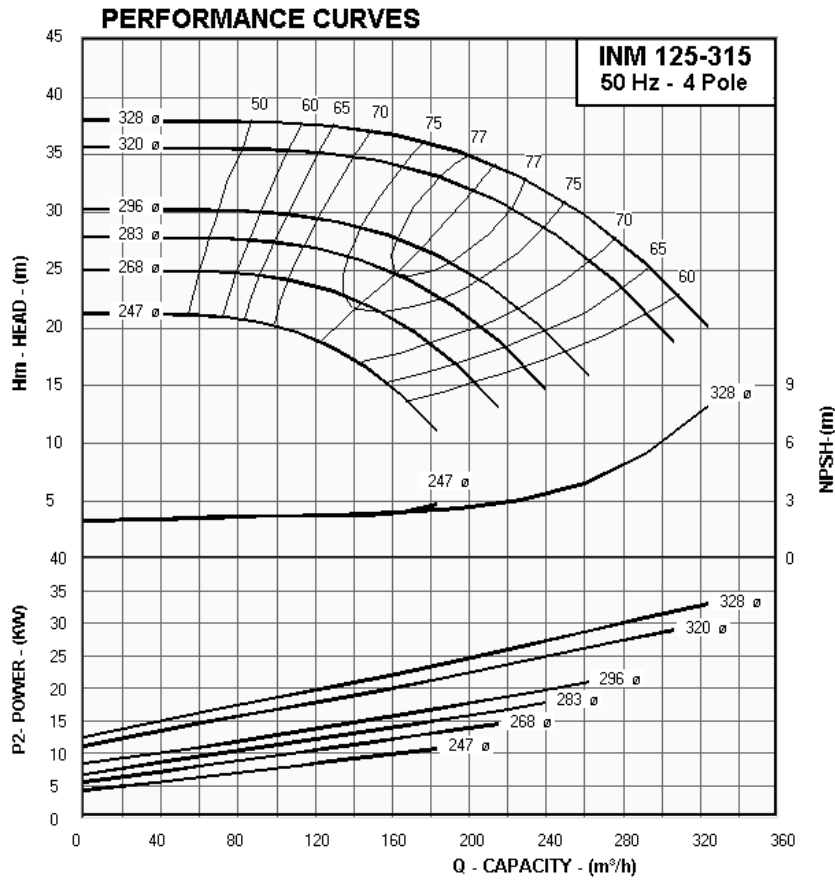


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
125	250	210	18	8
125	250	210	18	8

DIMENSIONS TABLE. INM 125-250 (1450 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 125-250/ 1854	268	180M4	18.5	636	125	125	210	240	544	350	350	300	994	650	30	ML4c	B2.12	F7
INM 125-250/ 1504	262	160L4	15	635	125	125	210	240	528	350	350	300	978	650	30	ML4b	B2.12	F7
INM 125-250/ 1104	244	160M4	11	635	125	125	210	240	484	350	350	300	934	650	30	ML4b	B2.12	F7
INM 125-250/ 754	221	132M4	7.5	634	125	125	210	215	413	300	350	300	838	650	30	ML4a	B2.12	-
INM 125-250/ 554	203	132S4	5.5	634	125	125	210	215	375	300	350	300	800	650	30	ML4a	B2.12	-
INM 125-250/ 404	187	112M4	4	633	125	125	210	180	324	250	350	300	714	650	30	ML3	B2.1Bk	T4

TECHNICAL DATA : INM 125-315 - 50 Hz - 4 Pole

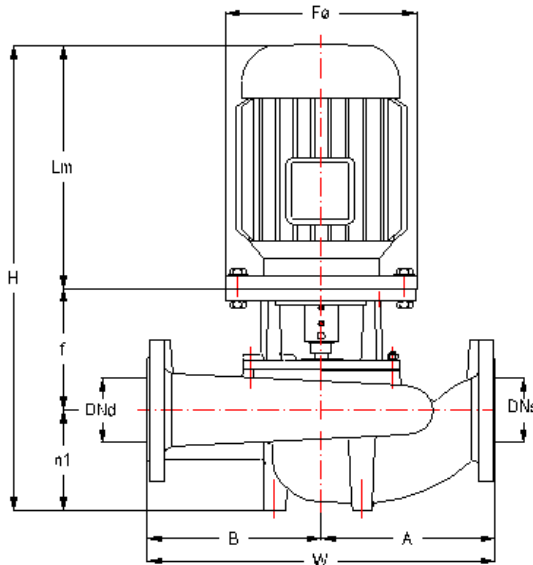
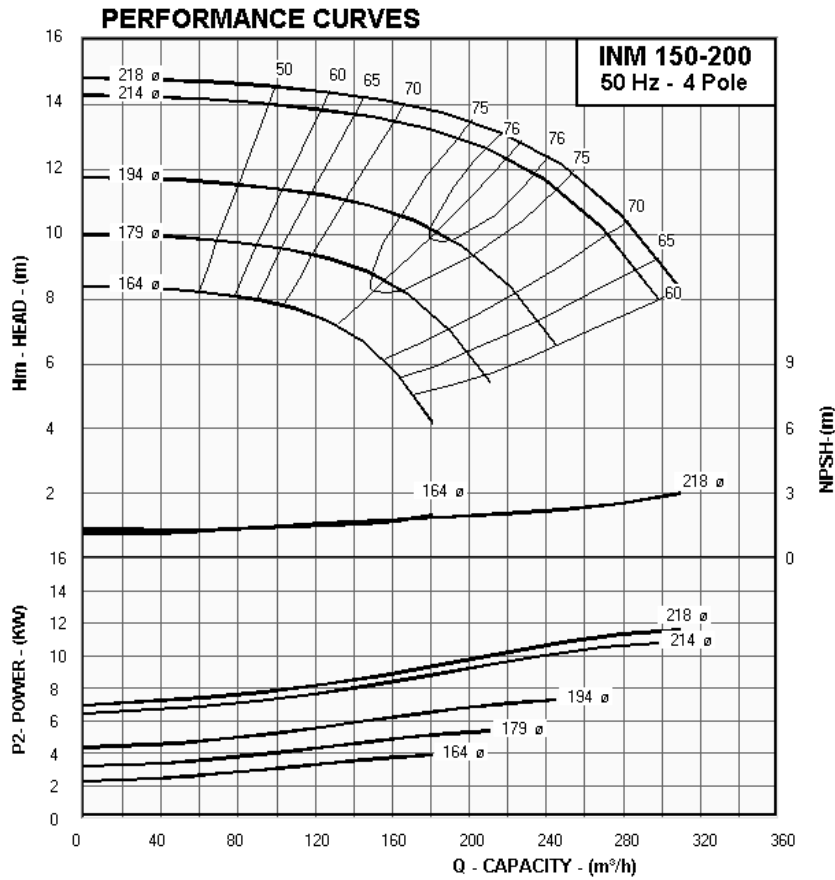


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
125	250	210	18	8
125	250	210	18	8

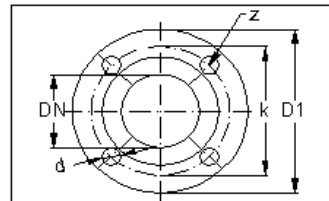
DIMENSIONS TABLE. INM 125-315 (1460 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 125-315/ 3704	328	225S4	37	738	125	125	210	85	655	450	370	330	950	700	35	ML11a+K7a	B3.13	F10
INM 125-315/ 3004	320	200L4	30	737	125	125	210	300	637	400	370	330	1147	700	35	ML8 + K6	B3.13	F9
INM 125-315/ 2204	296	180L4	22	736	125	125	210	270	582	350	370	330	1062	700	30	ML4k	B3.12	-
INM 125-315/ 1854	283	180M4	18.5	736	125	125	210	270	544	350	370	330	1024	700	30	ML4k	B3.12	-
INM 125-315/ 1504	268	160L4	15	735	125	125	210	270	528	350	370	330	1008	700	30	ML4b	B3.12	-
INM 125-315/ 1104	247	160M4	11	735	125	125	210	270	484	350	370	330	964	700	30	ML4b	B3.12	-

TECHNICAL DATA : INM 150-200 - 50 Hz - 4 Pole



Flange Dimensions

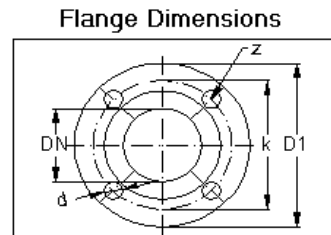
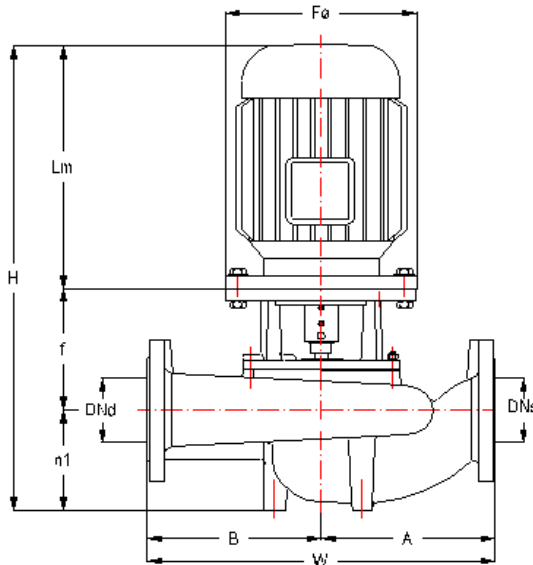
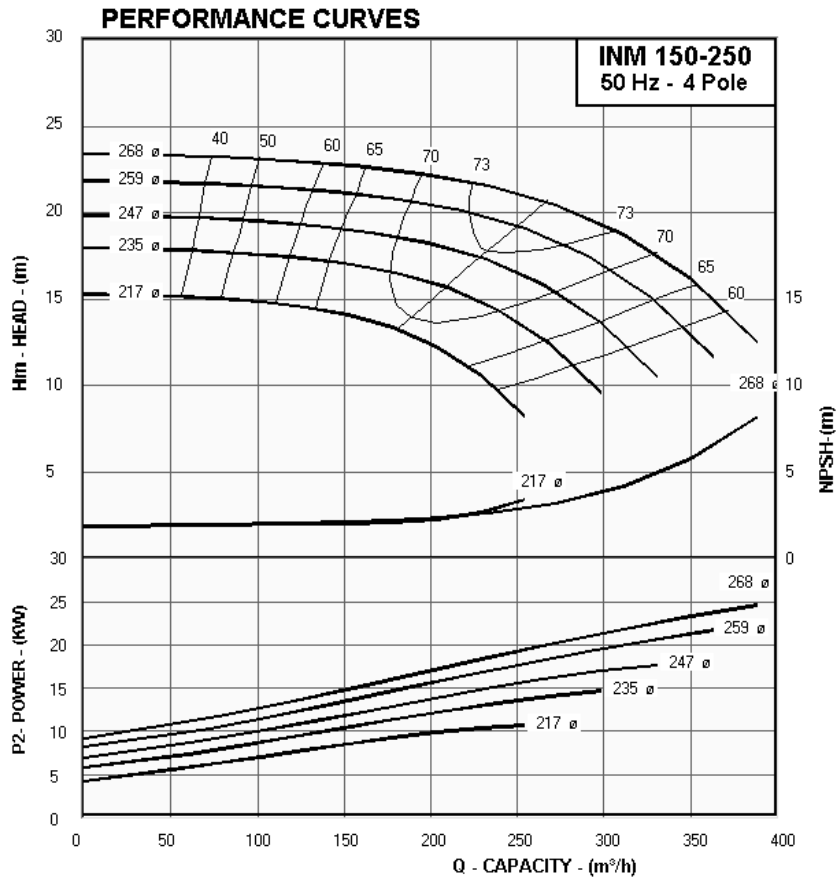


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
150	285	240	23	8
150	285	240	23	8

DIMENSIONS TABLE. INM 150-200 (1450 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 150-200/ 1504	218	160L4	15	535	150	150	190	280	528	350	335	315	998	650	30	ML4b	B1.12	F5
INM 150-200/ 1104	214	160M4	11	535	150	150	190	280	484	350	335	315	954	650	30	ML4b	B1.12	F5
INM 150-200/ 2204	194	180L4	22	536	150	150	190	280	582	350	335	315	1052	650	30	ML4c	B1.12	F5
INM 150-200/ 554	179	132S4	5.5	534	150	150	190	255	375	300	335	315	820	650	30	ML4a	B1.12	F4
INM 150-200/ 404	164	112M4	4	533	150	150	190	230	324	250	335	315	744	650	30	ML3	B1.12	-

TECHNICAL DATA : INM 150-250 - 50 Hz - 4 Pole

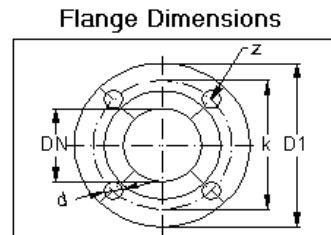
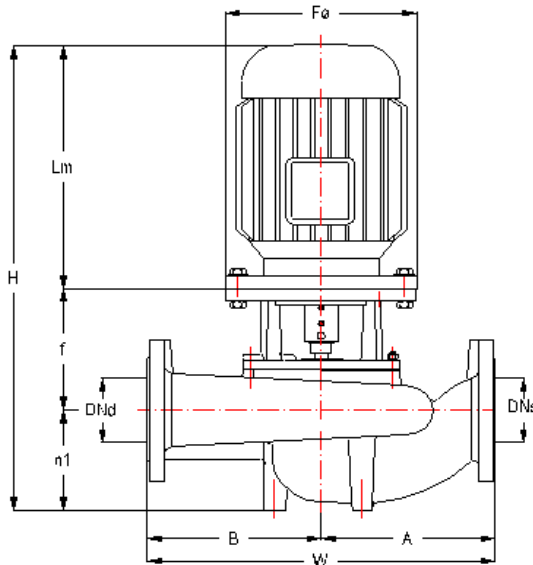
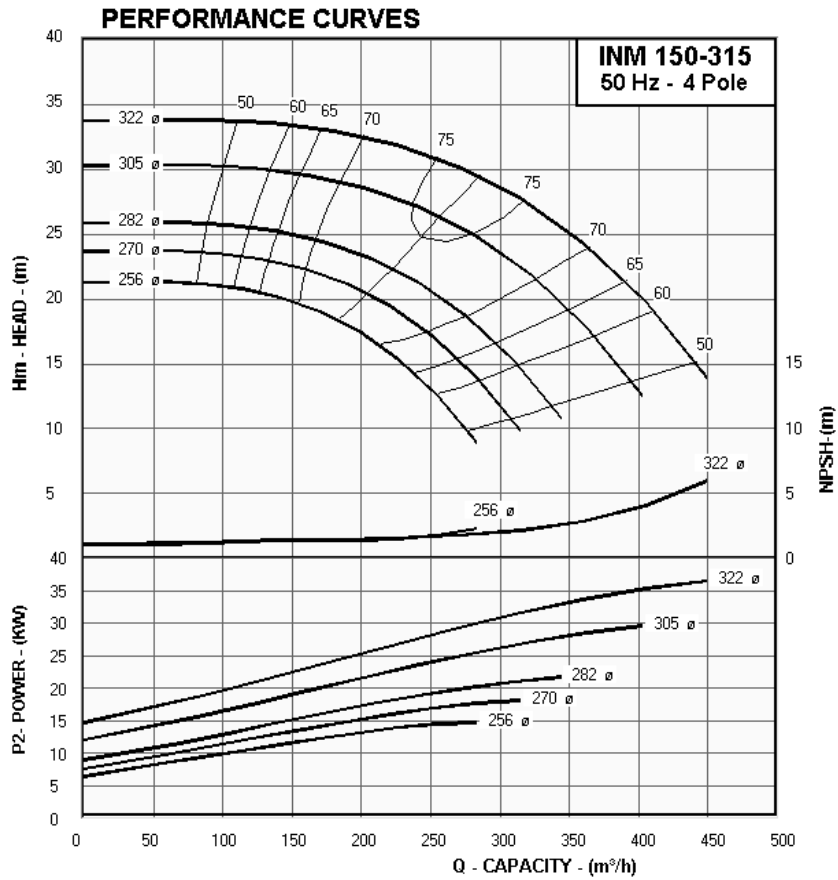


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
150	285	240	23	8
150	285	240	23	8

DIMENSIONS TABLE. INM 150-250 (1455 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 150-250/ 3004	268	200L4	30	647	150	150	180	330	637	400	315	355	1147	670	35	ML8 + K6	B2.13	F8
INM 150-250/ 2204	259	180L4	22	646	150	150	180	300	582	350	315	355	1062	670	30	ML4c	B2.12	F7
INM 150-250/ 1854	247	180M4	18.5	646	150	150	180	300	544	350	315	355	1024	670	30	ML4c	B2.12	F7
INM 150-250/ 1504	235	160L4	15	645	150	150	180	300	528	350	315	355	1008	670	30	ML4b	B2.12	F7
INM 150-250/ 1104	217	160M4	11	645	150	150	180	300	484	350	315	355	964	670	30	ML4b	B2.12	F7

TECHNICAL DATA : INM 150-315 - 50 Hz - 4 Pole



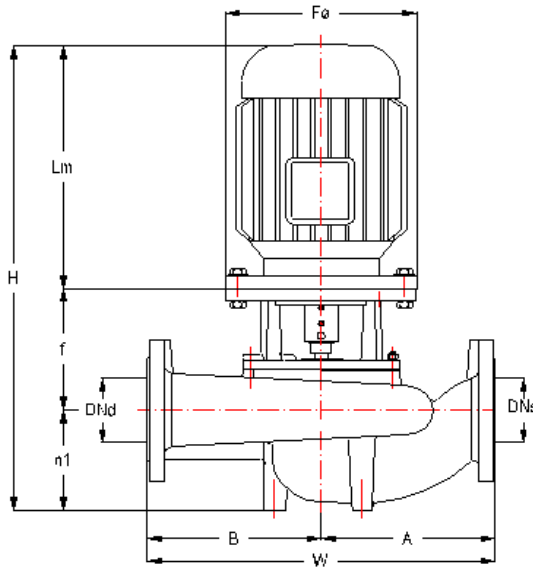
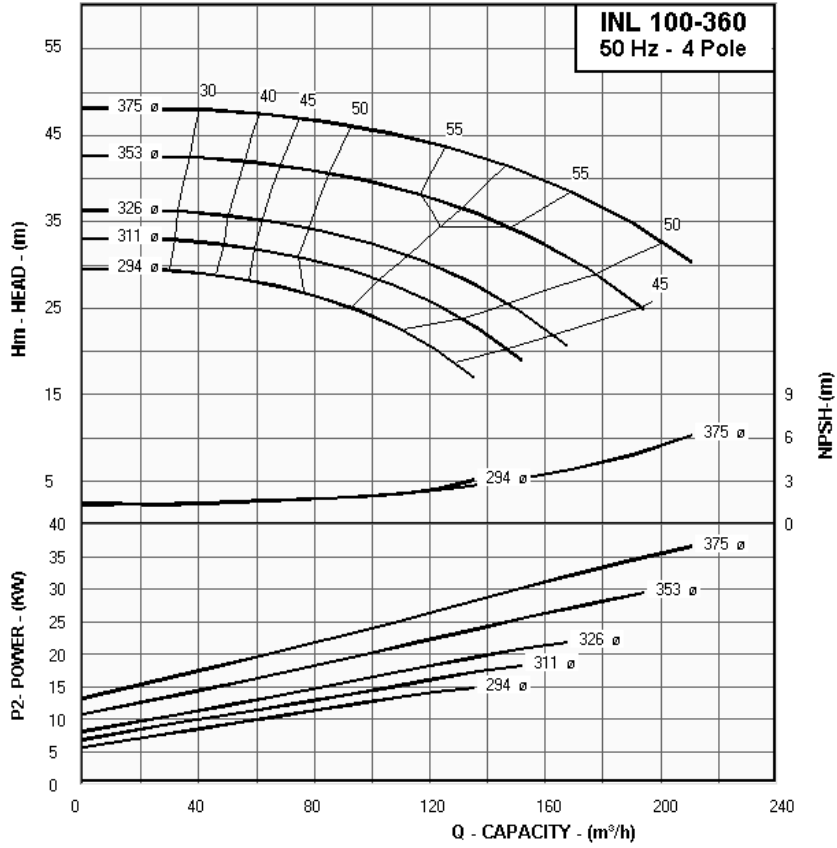
EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
150	285	240	23	8
150	285	240	23	8

DIMENSIONS TABLE. INM 150-315 (1455 RPM) Main Part Codes

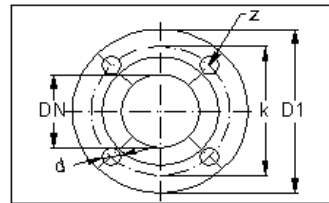
Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 150-315/ 3704	322	225S4	37	818	150	150	210	120	655	450	390	380	985	770	35	ML11b + K7a	C2.13	F10
INM 150-315/ 3004	305	200L4	30	817	150	150	210	335	637	400	390	380	1182	770	35	ML9 + K6	C2.13	F9
INM 150-315/ 2204	282	180L4	22	816	150	150	210	305	582	350	390	380	1097	770	30	ML6b	C2.12	-
INM 150-315/ 1854	270	180M4	18.5	816	150	150	210	305	544	350	390	380	1059	770	30	ML6b	C2.12	-
INM 150-315/ 1504	256	160L4	15	815	150	150	210	305	528	350	390	380	1043	770	30	ML6a	C2.12	-

TECHNICAL DATA : INL 100-360 - 50 Hz - 4 Pole

PERFORMANCE CURVES



Flange Dimensions



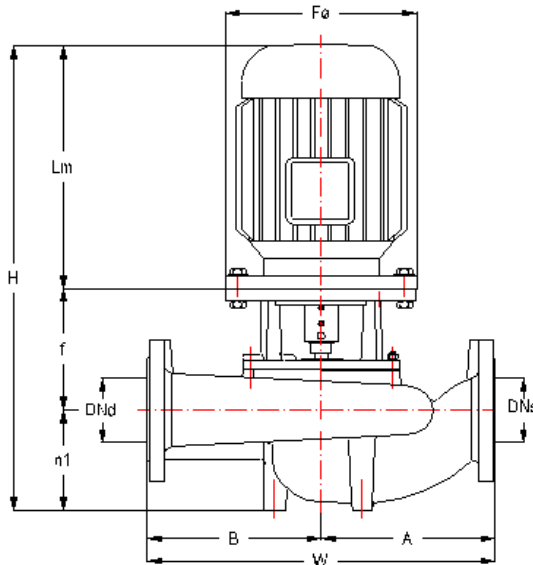
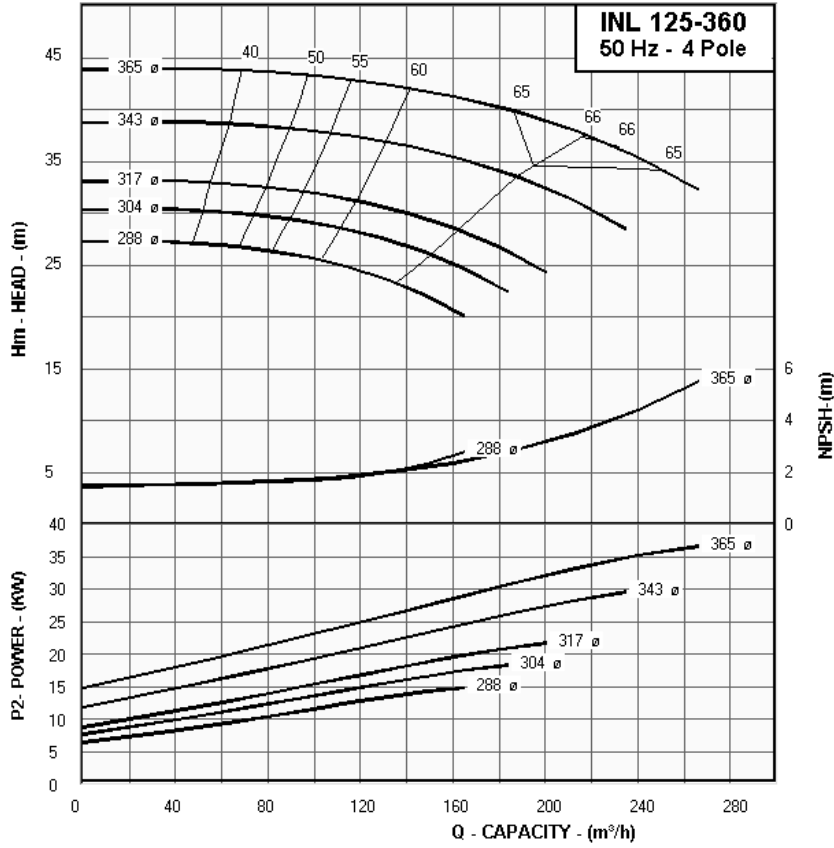
EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
100	220	180	18	8
100	220	180	18	8

DIMENSIONS TABLE. INL 100-360 (1460 RPM) Main Part Codes

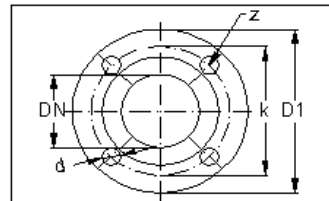
Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INL 100-360/ 3704	375	225S4	37	8	100	100	200	290	655	450	450	450	1145	900	0			
INL 100-360/ 3004	353	200L4	30	7	100	100	200	275	637	400	450	450	1112	900	0			
INL 100-360/ 2204	326	180L4	22	6	100	100	200	255	582	350	450	450	1037	900	0			
INL 100-360/ 1854	311	180M4	18.5	6	100	100	200	255	544	350	450	450	999	900	0			
INL 100-360/ 1504	294	160L4	15	5	100	100	200	255	528	350	450	450	983	900	0			

TECHNICAL DATA : INL 125-360 - 50 Hz - 4 Pole

PERFORMANCE CURVES



Flange Dimensions

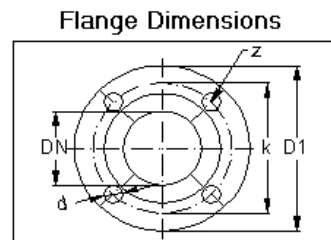
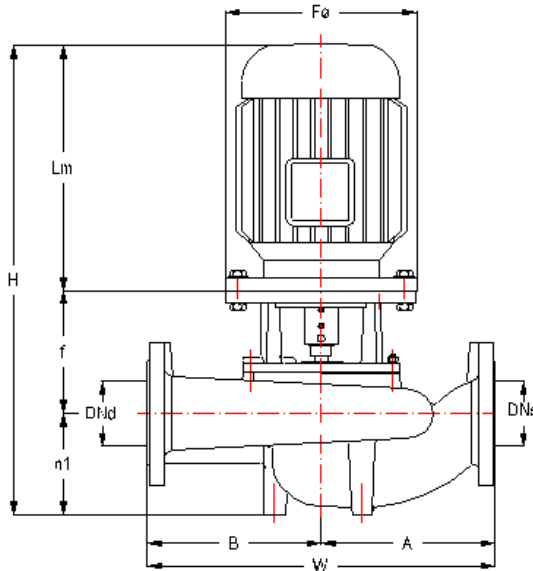
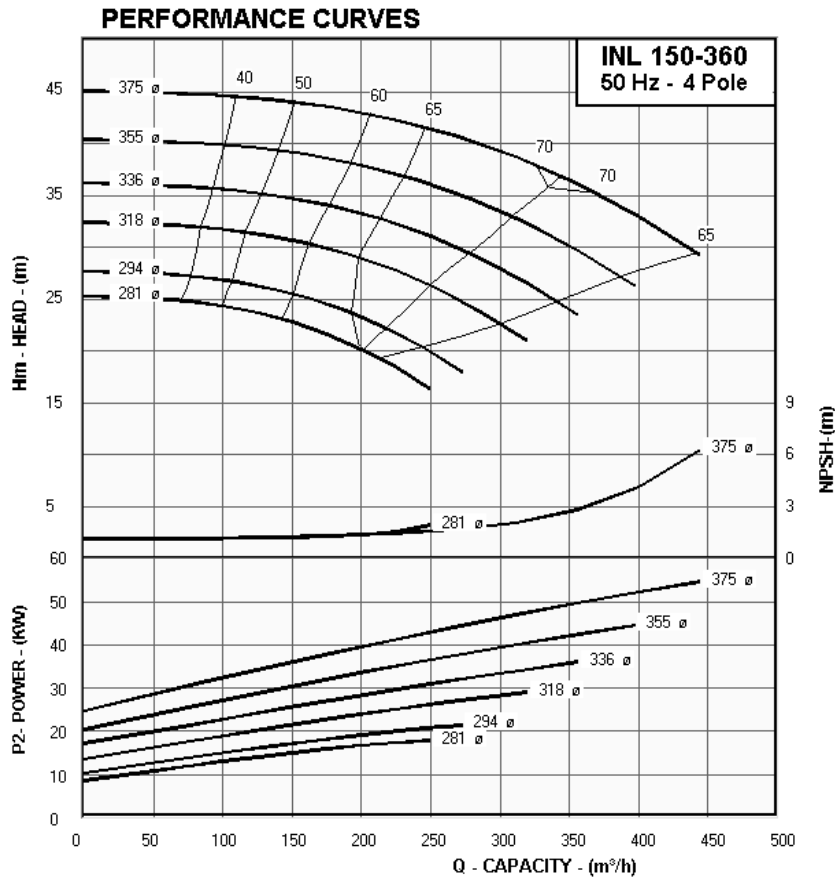


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
125	250	210	18	8
125	250	210	18	8

DIMENSIONS TABLE. INL 125-360 (1460 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INL 125-360/ 3704	365	225S4	37	8	125	125	200	330	655	450	450	450	1185	900	0			
INL 125-360/ 3004	343	200L4	30	7	125	125	200	310	637	400	450	450	1147	900	0			
INL 125-360/ 2204	317	180L4	22	6	125	125	200	330	582	350	450	450	1112	900	0			
INL 125-360/ 1854	304	180M4	18.5	6	125	125	200	330	544	350	450	450	1074	900	0			
INL 125-360/ 1504	288	160L4	15	5	125	125	200	330	528	350	450	450	1058	900	0			

TECHNICAL DATA : INL 150-360 - 50 Hz - 4 Pole

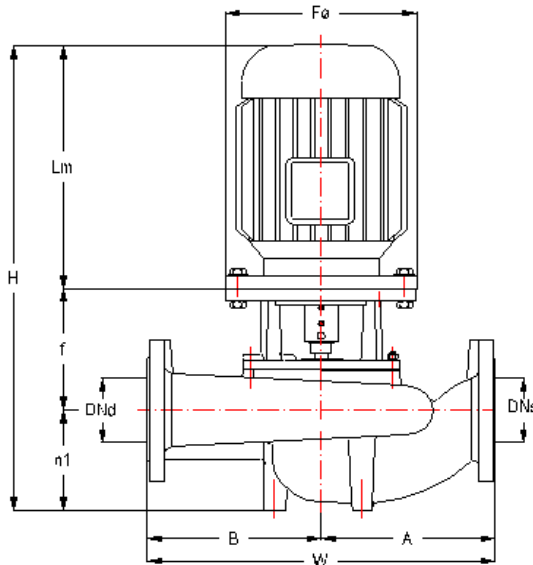
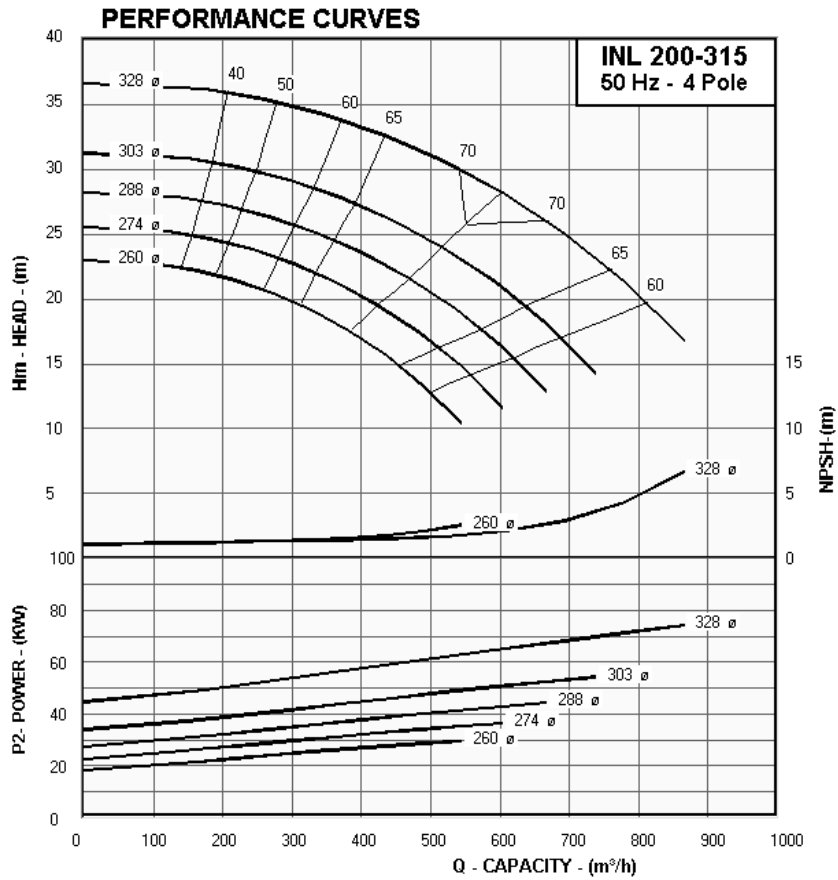


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
150	285	240	23	8
150	285	240	23	8

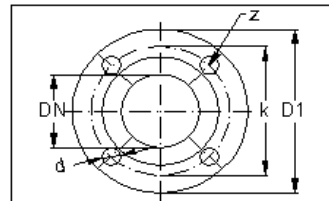
DIMENSIONS TABLE. INL 150-360 (1450 RPM) Main Part Codes

Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INL 150-360/ 5504	375	250M4	55	9	150	150	240	330	750	550	450	450	1320	900	0			
INL 150-360/ 4504	355	225M4	45	8	150	150	240	300	680	450	450	450	1220	900	0			
INL 150-360/ 3704	336	225S4	37	8	150	150	240	300	655	450	450	450	1195	900	0			
INL 150-360/ 3004	318	200L4	30	7	150	150	240	360	637	400	450	450	1237	900	0			
INL 150-360/ 2204	294	180L4	22	6	150	150	240	330	582	350	450	450	1152	900	0			
INL 150-360/ 1854	281	180M4	18.5	6	150	150	240	330	544	350	450	450	1114	900	0			

TECHNICAL DATA : INL 200-315 - 50 Hz - 4 Pole



Flange Dimensions



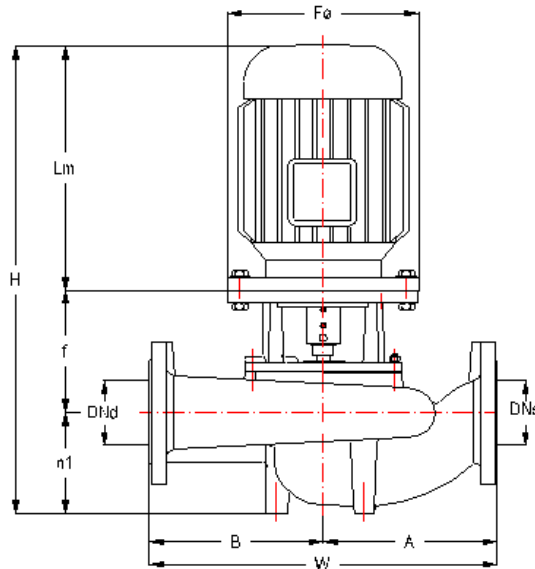
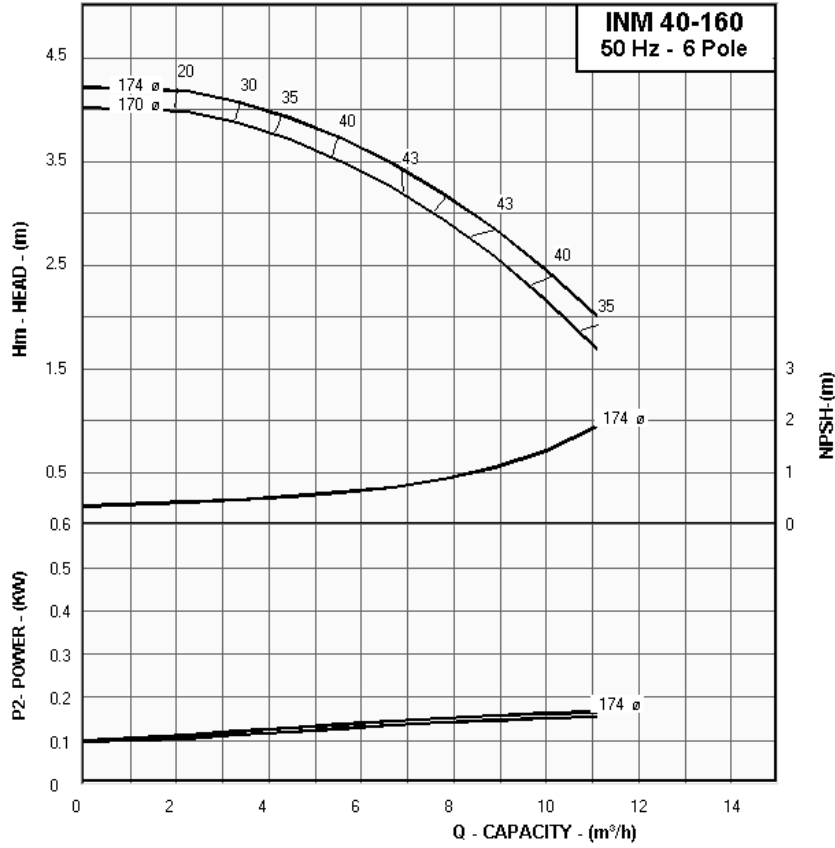
EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
200	340	295	23	12
200	340	295	23	12

DIMENSIONS TABLE. INL 200-315 (1450 RPM) Main Part Codes

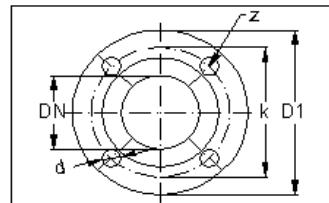
Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INL 200-315/ 7504	328	280S4	75	10	200	200	280	250	818	550	450	450	1348	900	0			
INL 200-315/ 5504	303	250M4	55	9	200	200	280	570	750	550	450	450	1600	900	0			
INL 200-315/ 4504	288	225M4	45	8	200	200	280	550	680	450	450	450	1510	900	0			
INL 200-315/ 3704	274	225S4	37	8	200	200	280	550	655	450	450	450	1485	900	0			
INL 200-315/ 3004	260	200L4	30	7	200	200	280	530	637	400	450	450	1447	900	0			

TECHNICAL DATA : INM 40-160 - 50 Hz - 6 Pole

PERFORMANCE CURVES



Flange Dimensions

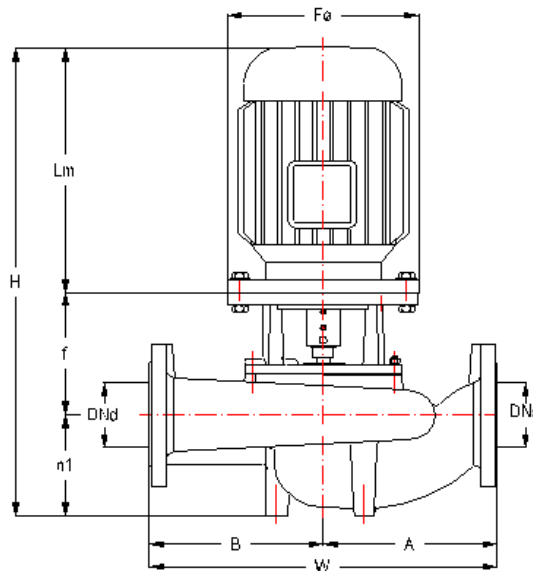
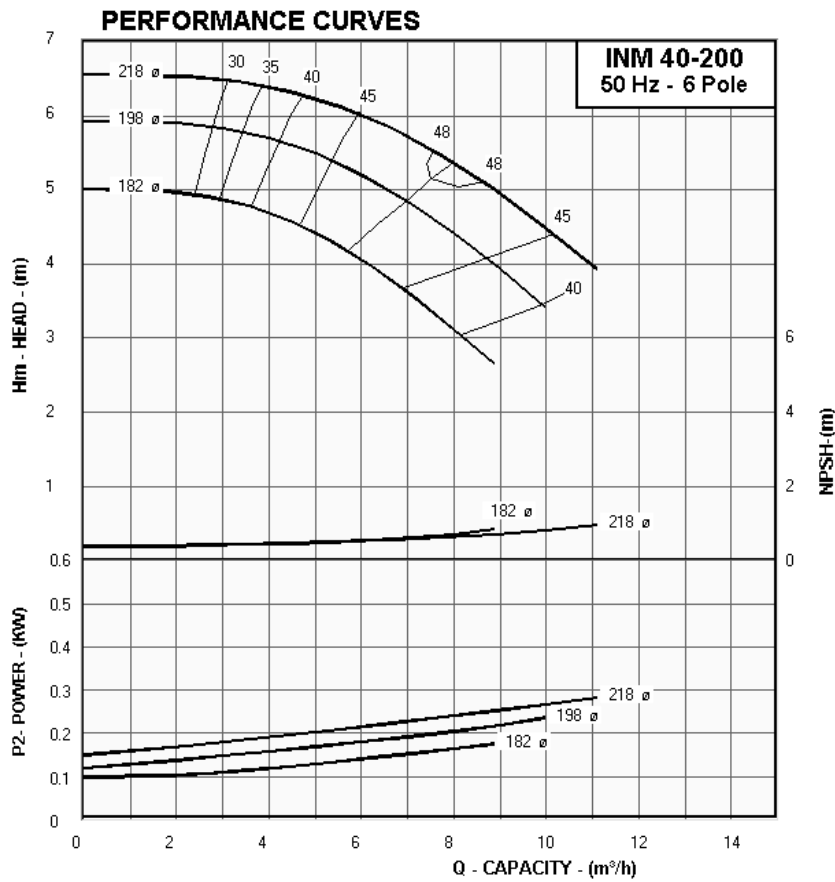


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
40	150	110	18	4
40	150	110	18	4

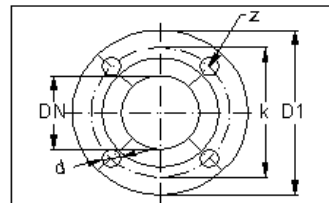
DIMENSIONS TABLE. INM 40-160 (960 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 40-160/ 026	174	71 6a	0.18	110	40	40	80	145	212	160	160	160	437	320	20	ML1k	A1.1k	T1
INM 40-160/ 026	170	71 6b	0.18	110	40	40	80	145	212	160	160	160	437	320	20	ML1k	A1.1k	T1

TECHNICAL DATA : INM 40-200 - 50 Hz - 6 Pole



Flange Dimensions

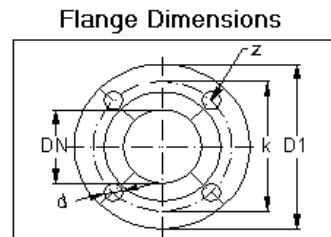
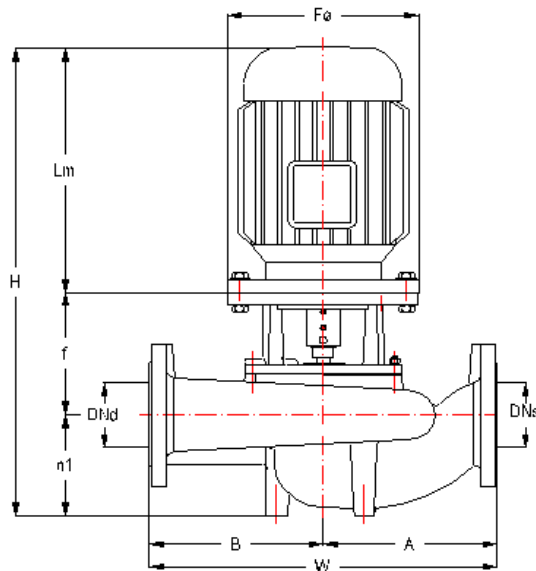
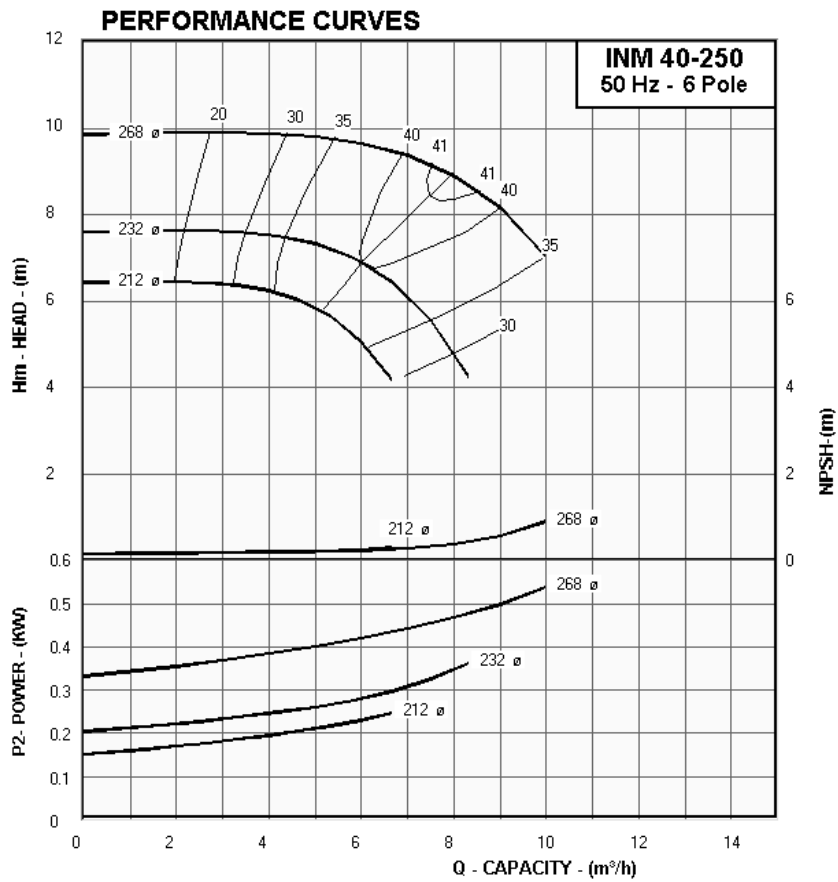


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
40	150	110	18	4
40	150	110	18	4

DIMENSIONS TABLE. INM 40-200 (900 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 40-200/ 046	218	80 6a	0.37	311	40	40	95	160	233	200	190	190	488	380	20	ML1a	A2.11	-
INM 40-200/ 036	198	71 6b	0.25	310	40	40	95	145	212	160	190	190	452	380	20	ML1k	A2.1k	T1
INM 40-200/ 026	182	71 6a	0.18	310	40	40	95	145	212	160	190	190	452	380	20	ML1k	A2.1k	T1

TECHNICAL DATA : INM 40-250 - 50 Hz - 6 Pole



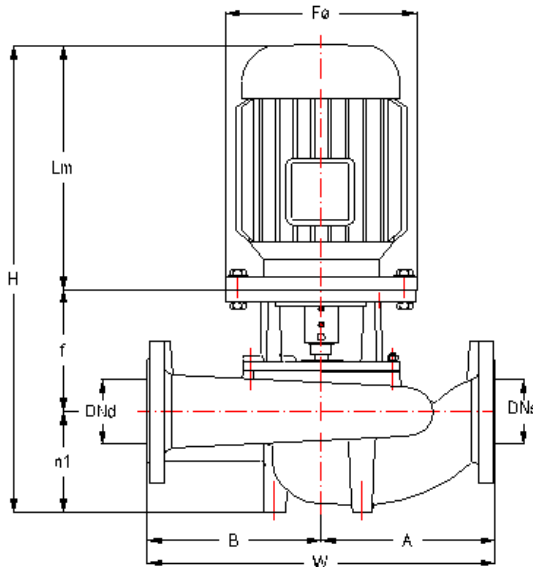
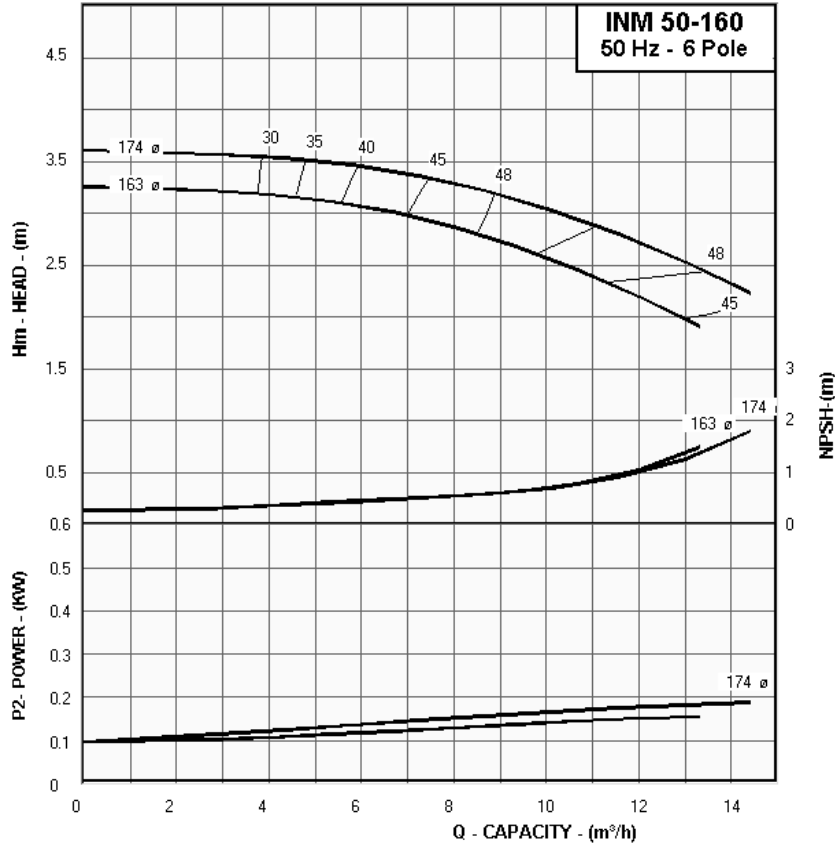
EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
40	150	110	18	4
40	150	110	18	4

DIMENSIONS TABLE. INM 40-250 (900 RPM) Main Part Codes

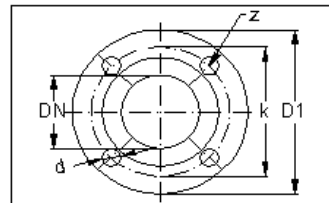
Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 40-250/ 056	268	80 6b	0.55	411	40	40	100	170	233	200	215	225	503	440	20	ML1a	A3.0A	-
INM 40-250/ 046	232	80 6a	0.37	411	40	40	100	170	233	200	215	225	503	440	20	ML1a	A3.0A	-
INM 40-250/ 036	212	71 6b	0.25	410	40	40	100	155	212	160	215	225	467	440	20	ML1k	A3.0Ak	T1

TECHNICAL DATA : INM 50-160 - 50 Hz - 6 Pole

PERFORMANCE CURVES



Flange Dimensions

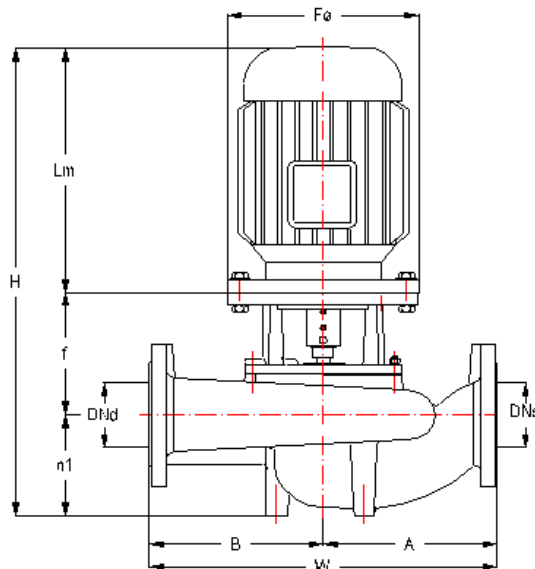
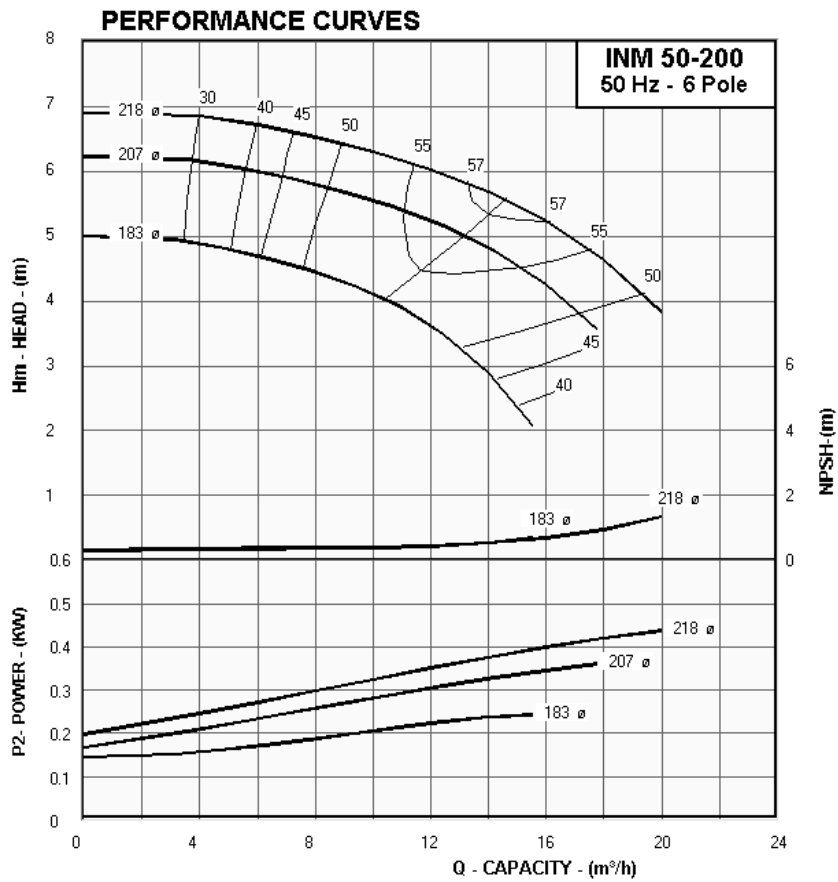


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
50	165	125	18	4
50	165	125	18	4

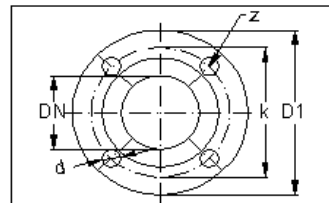
DIMENSIONS TABLE. INM 50-160 (920 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 50-160/ 036	174	71 6b	0.25	120	50	50	100	145	212	160	180	180	457	360	20	ML1k	A1.1k	T1
INM 50-160/ 026	163	71 6a	0.18	120	50	50	100	145	212	160	180	180	457	360	20	ML1k	A1.1k	T1

TECHNICAL DATA : INM 50-200 - 50 Hz - 6 Pole



Flange Dimensions

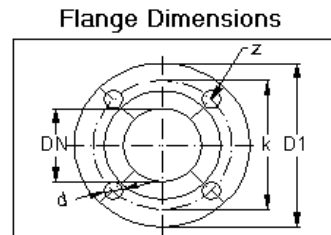
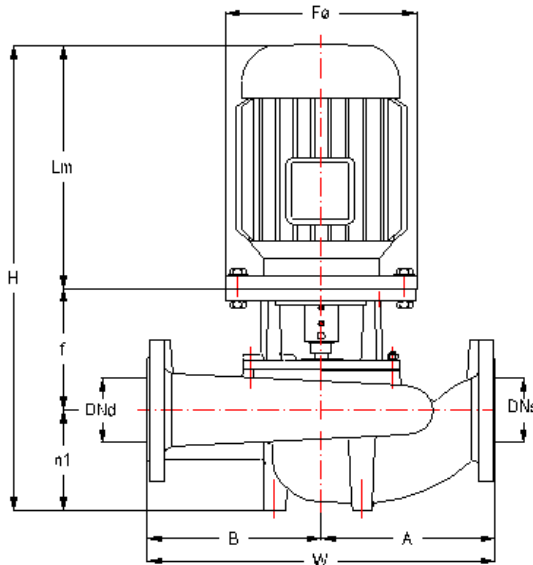
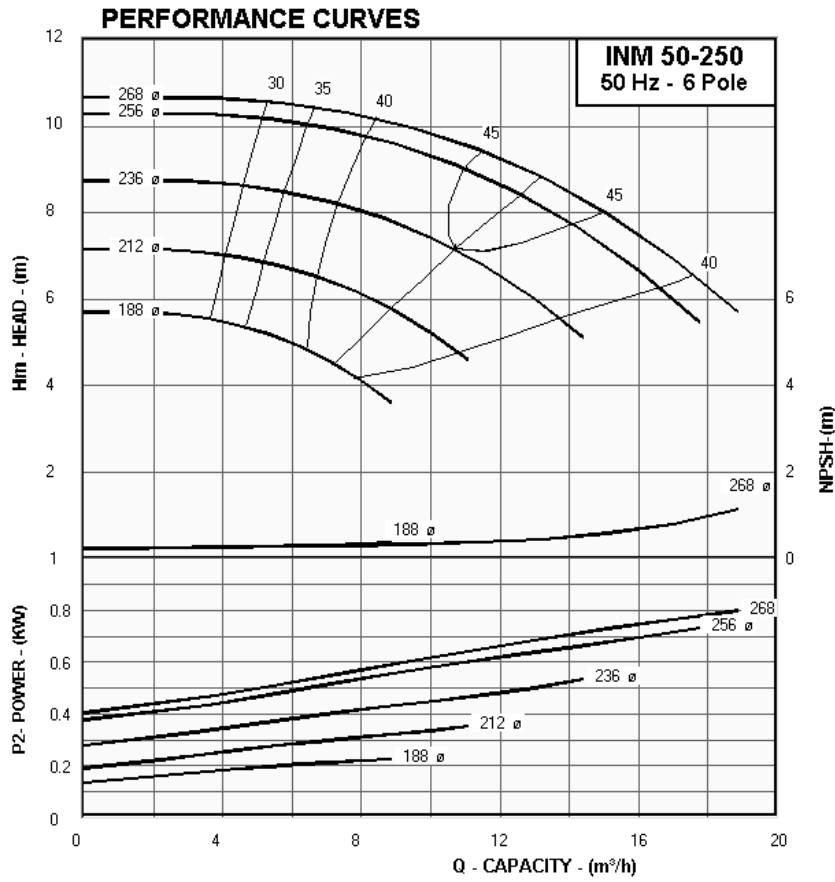


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
50	165	125	18	4
50	165	125	18	4

DIMENSIONS TABLE. INM 50-200 (940 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 50-200/ 056	218	80 6b	0.55	321	50	50	110	160	233	200	200	200	503	400	20	ML1a	A2.11	-
INM 50-200/ 046	207	80 6a	0.37	321	50	50	110	160	233	200	200	200	503	400	20	ML1a	A2.11	-
INM 50-200/ 036	183	71 6b	0.25	320	50	50	110	145	212	160	200	200	467	400	20	ML1k	A2.1k	T1

TECHNICAL DATA : INM 50-250 - 50 Hz - 6 Pole

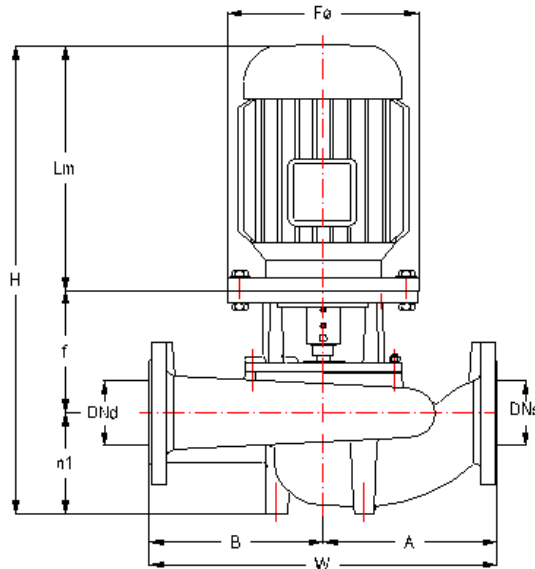
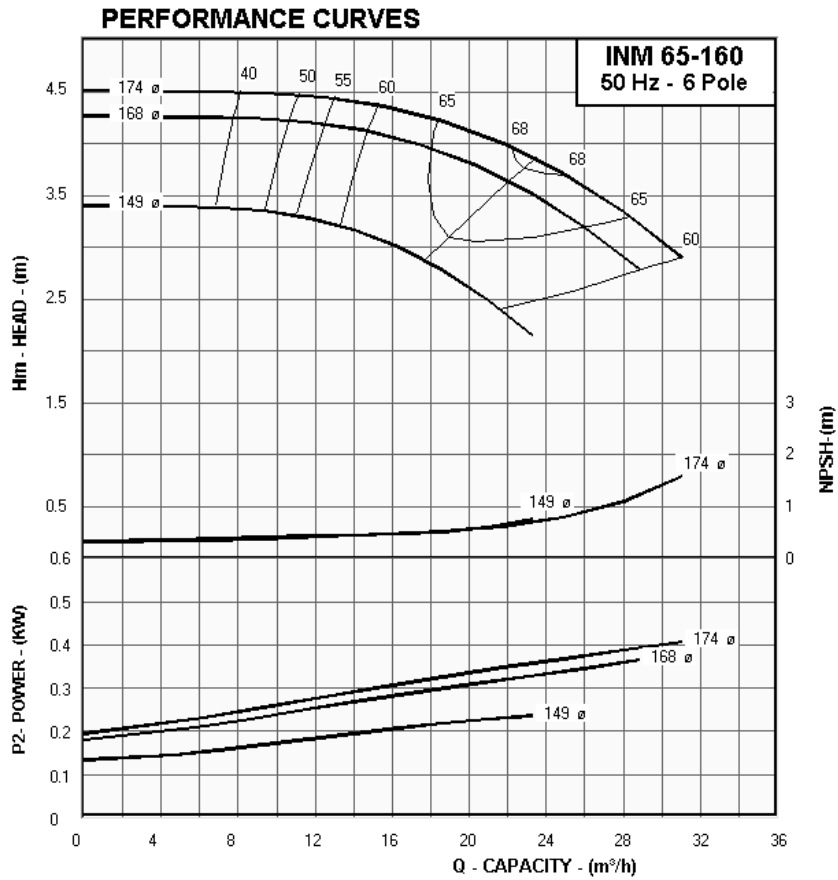


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
50	165	125	18	4
40	150	110	18	4

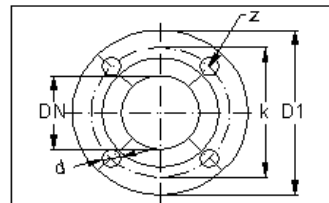
DIMENSIONS TABLE. INM 50-250 (940 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 50-250/ 116	268	90L 6	1.1	422	50	40	115	160	275	200	215	225	550	440	20	ML1b	A3.0B	-
INM 50-250/ 076	256	90S 6	0.75	422	50	40	115	160	250	200	215	225	525	440	20	ML1b	A3.0B	-
INM 50-250/ 056	236	80 6b	0.55	421	50	40	115	160	233	200	215	225	508	440	20	ML1a	A3.0B	-
INM 50-250/ 046	212	80 6a	0.37	421	50	40	115	160	233	200	215	225	508	440	20	ML1a	A3.0B	-
INM 50-250/ 036	188	71 6b	0.25	420	50	40	115	145	212	160	215	225	472	440	20	ML1k	A3.0B	T1

TECHNICAL DATA : INM 65-160 - 50 Hz - 6 Pole



Flange Dimensions

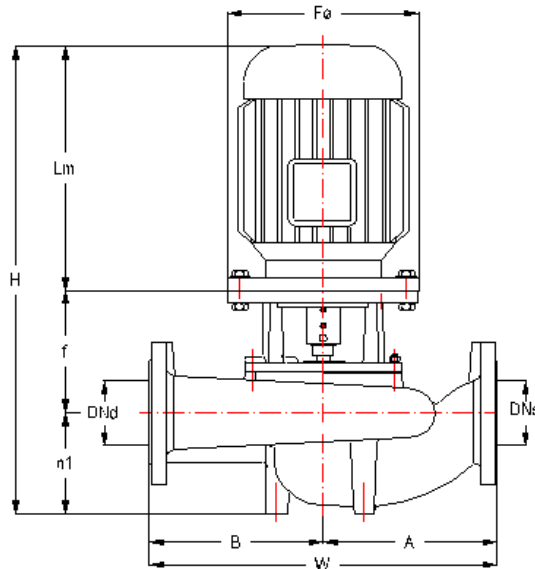
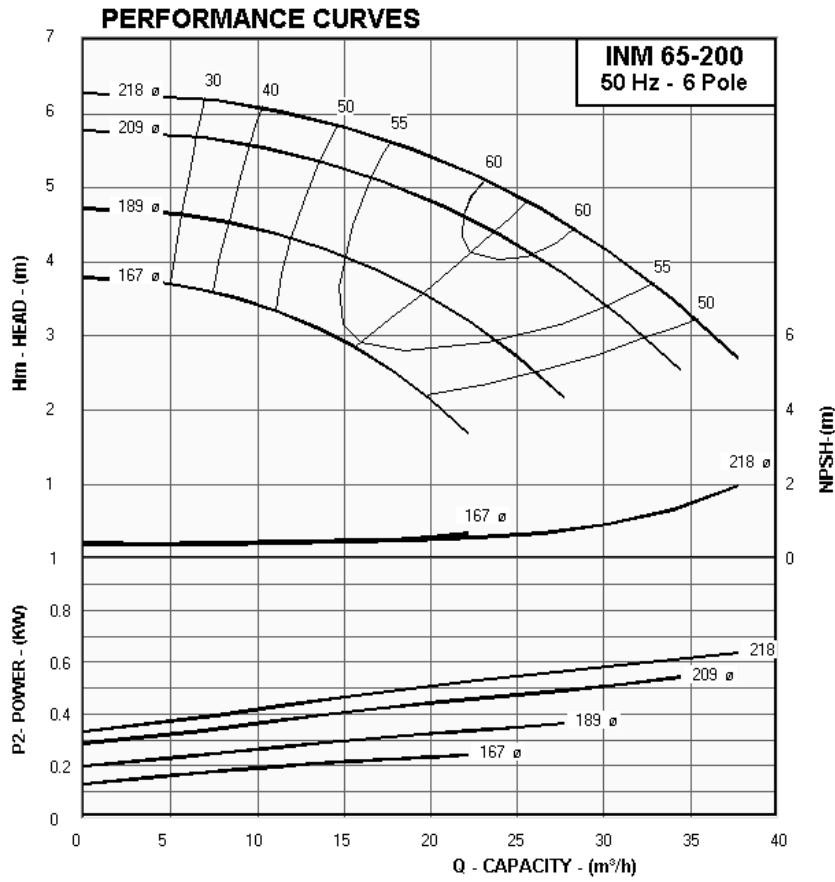


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
65	185	145	18	4
65	185	145	18	4

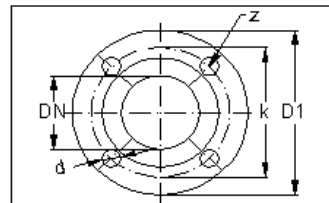
DIMENSIONS TABLE. INM 65-160 (960 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 65-160/ 056	174	80 6b	0.55	131	65	65	115	160	233	200	200	200	508	400	20	ML1a	A1.11	-
INM 65-160/ 046	168	80 6a	0.37	131	65	65	115	160	233	200	200	200	508	400	20	ML1a	A1.11	-
INM 65-160/ 036	149	71 6b	0.25	130	65	65	115	145	212	160	200	200	472	400	20	ML1k	A1.1k	T1

TECHNICAL DATA : INM 65-200 - 50 Hz - 6 Pole



Flange Dimensions

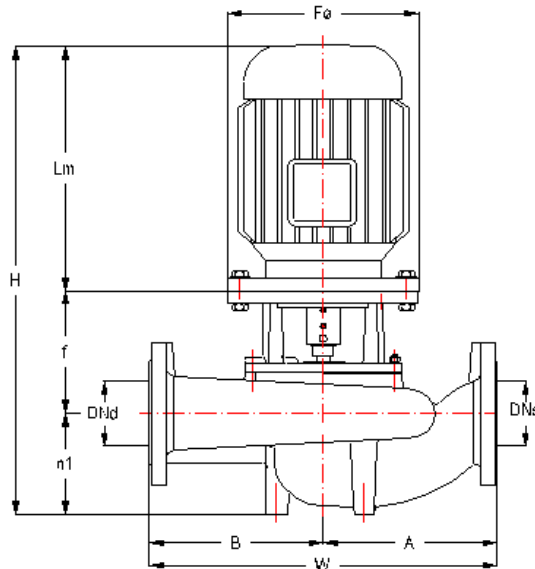
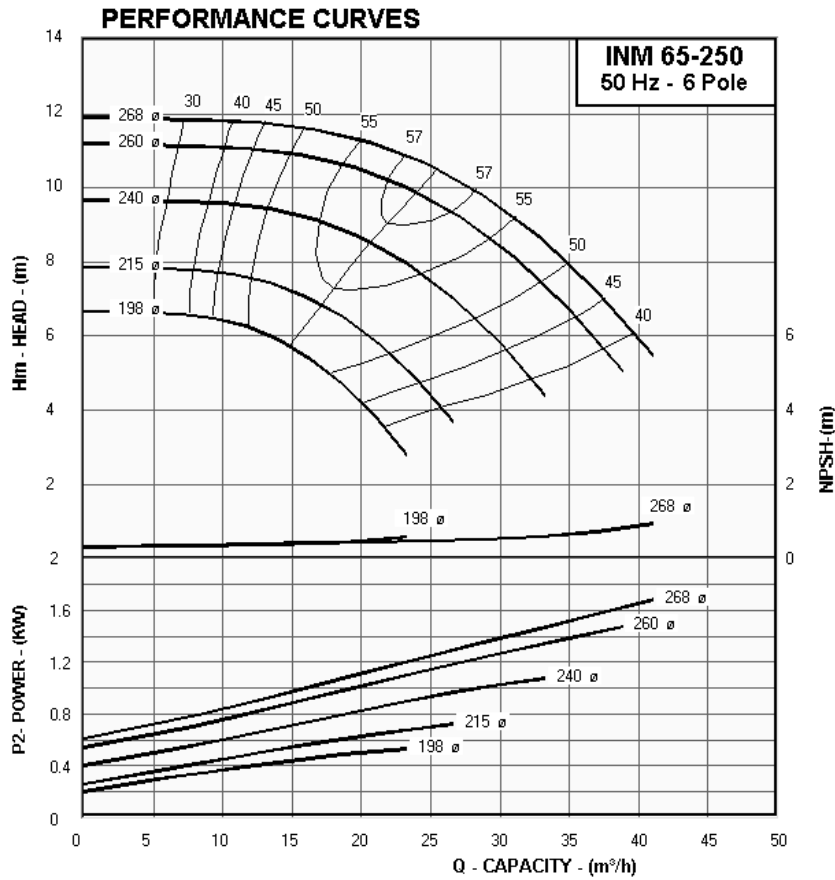


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
65	185	145	18	4
65	185	145	18	4

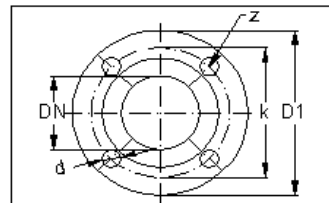
DIMENSIONS TABLE. INM 65-200 (960 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 65-200/ 076	218	90S 6	0.75	332	65	65	115	160	250	200	230	230	525	460	20	ML1b	A2.11	-
INM 65-200/ 056	209	80 6b	0.55	331	65	65	115	160	233	200	230	230	508	460	20	ML1a	A2.11	-
INM 65-200/ 046	189	80 6a	0.37	331	65	65	115	160	233	200	230	230	508	460	20	ML1a	A2.11	-
INM 65-200/ 036	167	71 6b	0.25	330	65	65	115	145	212	160	230	230	472	460	20	ML1k	A2.1k	T1

TECHNICAL DATA : INM 65-250 - 50 Hz - 6 Pole



Flange Dimensions

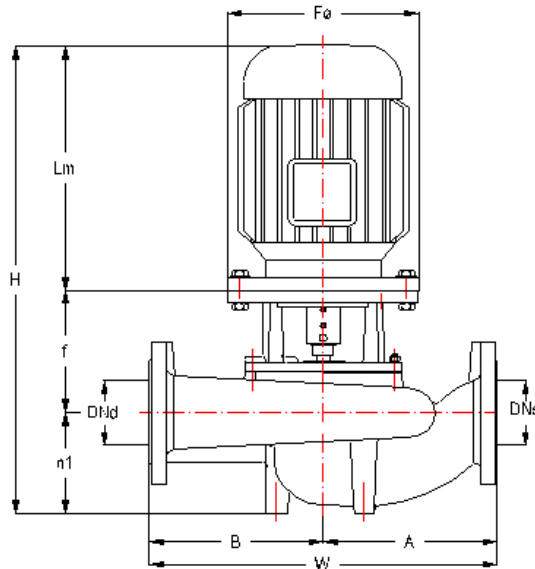
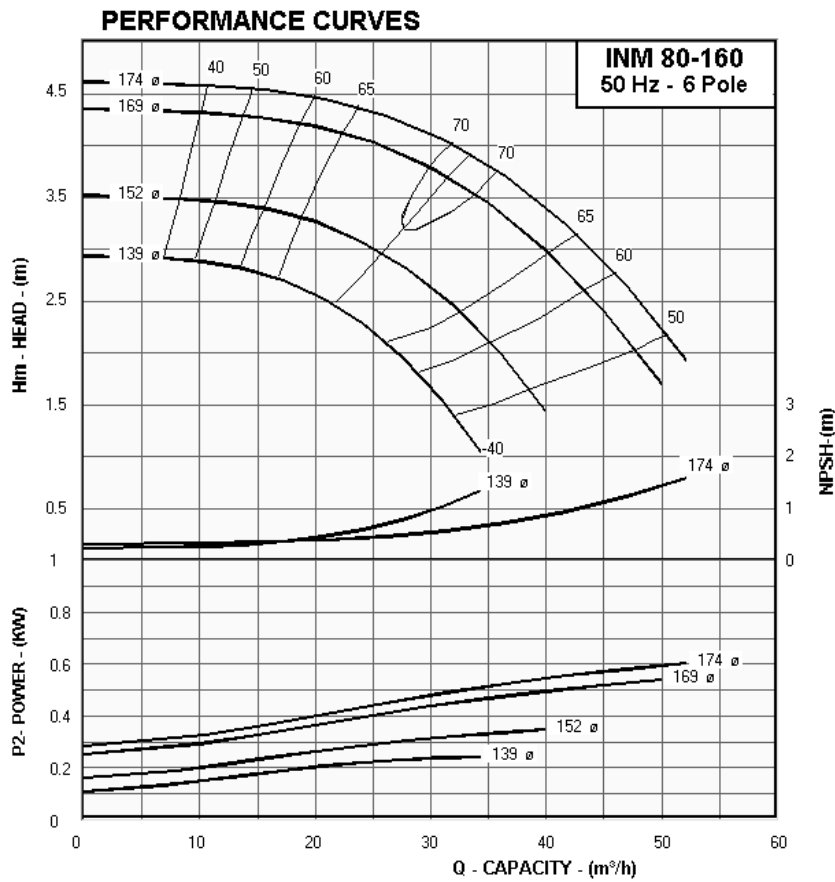


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
65	185	145	18	4
65	185	145	18	4

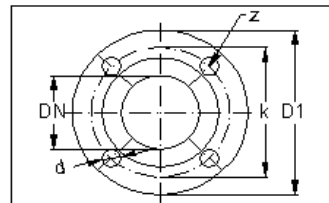
DIMENSIONS TABLE. INM 65-250 (960 RPM) Main Part Codes

Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 65-250/ 226	268	112M6	2.2	433	65	65	135	180	324	250	245	235	639	480	20	ML1c	A3.11	-
INM 65-250/ 156	260	100L6	1.5	433	65	65	135	180	305	250	245	235	620	480	20	ML1c	A3.11	-
INM 65-250/ 116	240	90L 6	1.1	432	65	65	135	160	275	200	245	235	570	480	20	ML1b	A3.0B	-
INM 65-250/ 076	215	90S 6	0.75	432	65	65	135	160	250	200	245	235	545	480	20	ML1b	A3.0B	-
INM 65-250/ 056	198	80 6b	0.55	431	65	65	135	160	233	200	245	235	528	480	20	ML1a	A3.0B	-

TECHNICAL DATA : INM 80-160 - 50 Hz - 6 Pole



Flange Dimensions

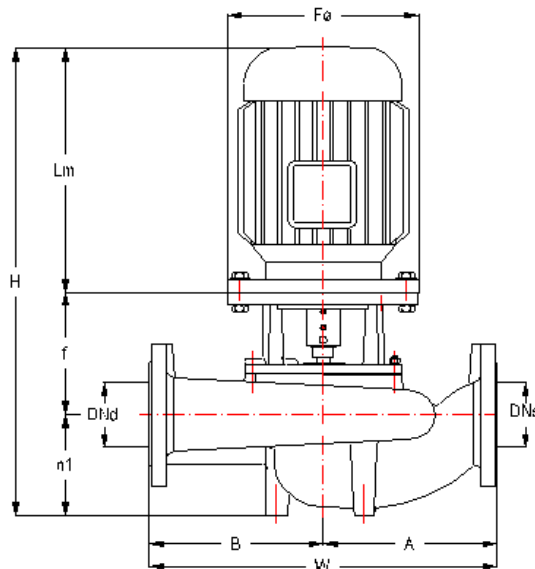
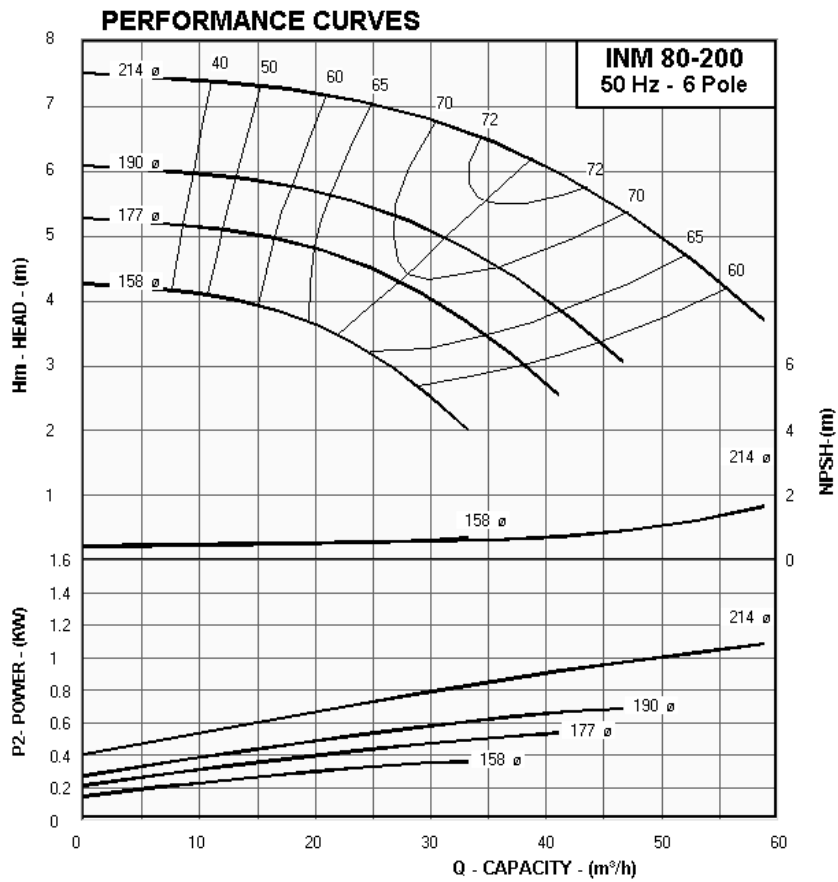


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
80	200	160	18	8
80	200	160	18	8

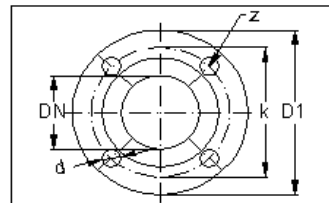
DIMENSIONS TABLE. INM 80-160 (960 RPM) Main Part Codes

Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 80-160/ 076	174	90S 6	0.75	212	80	80	135	170	250	200	220	220	555	440	20	ML1b	A1.21	-
INM 80-160/ 056	169	80 6b	0.55	211	80	80	135	170	233	200	220	220	538	440	20	ML1k	A1.2k	T1
INM 80-160/ 046	152	80 6a	0.37	211	80	80	135	170	233	200	220	220	538	440	20	ML1k	A1.2k	T1
INM 80-160/ 036	139	71 6b	0.25	210	80	80	135	155	212	160	220	220	502	440	20	ML1a	A1.21	-

TECHNICAL DATA : INM 80-200 - 50 Hz - 6 Pole



Flange Dimensions

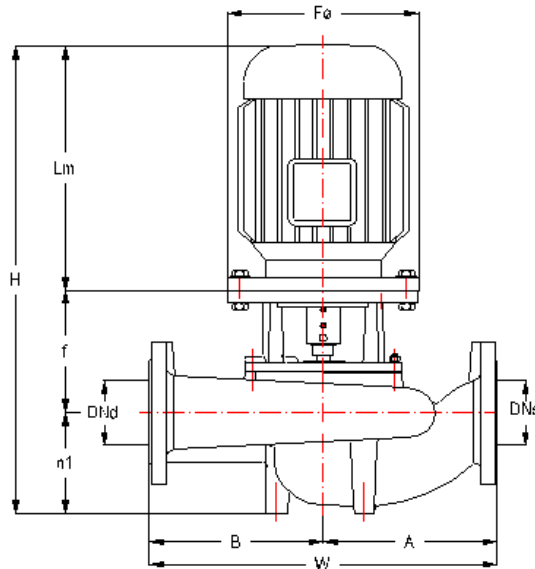
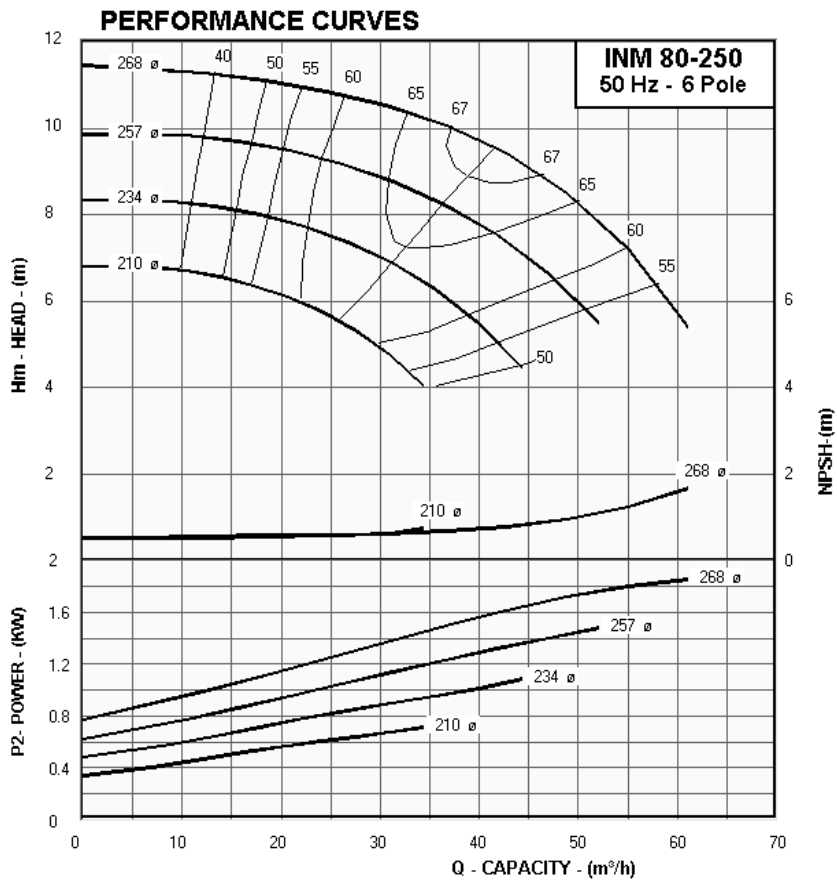


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
80	200	160	18	8
80	200	160	18	8

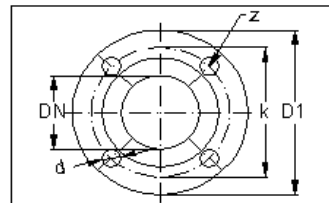
DIMENSIONS TABLE. INM 80-200 (960 RPM) Main Part Codes

Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 80-200/ 116	214	90L 6	1.1	342	80	80	140	160	275	200	250	250	575	500	20	ML1b	A2.11	-
INM 80-200/ 076	190	90S 6	0.75	342	80	80	140	160	250	200	250	250	550	500	20	ML1b	A2.11	-
INM 80-200/ 056	177	80 6b	0.55	341	80	80	140	160	233	200	250	250	533	500	20	ML1a	A2.11	-
INM 80-200/ 046	158	80 6a	0.37	341	80	80	140	160	233	200	250	250	533	500	20	ML1a	A2.11	-

TECHNICAL DATA : INM 80-250 - 50 Hz - 6 Pole



Flange Dimensions



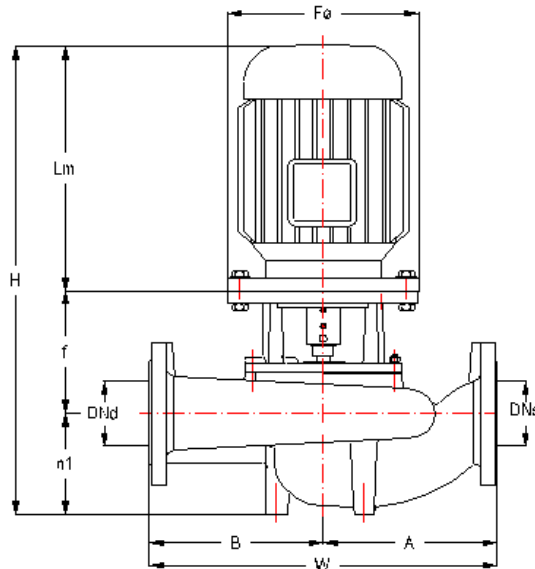
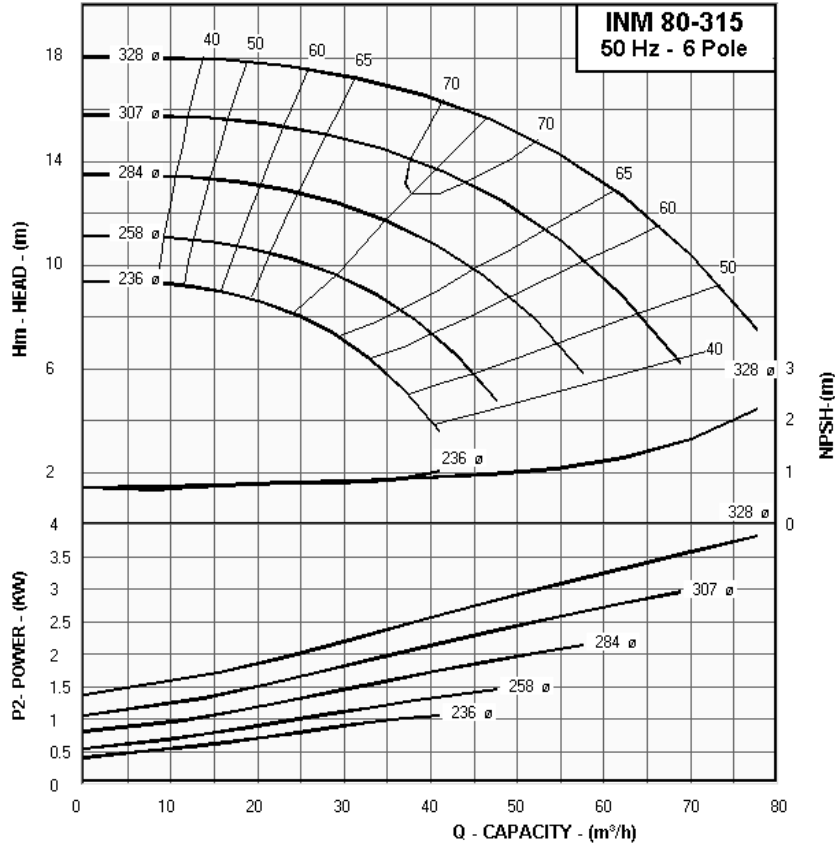
EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
80	200	160	18	8
80	200	160	18	8

DIMENSIONS TABLE. INM 80-250 (960 RPM) Main Part Codes

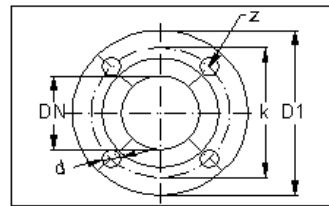
Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 80-250/ 226	268	112M6	2.2	613	80	80	145	180	324	250	270	280	649	550	20	ML1c	A3.11	-
INM 80-250/ 156	257	100L6	1.5	613	80	80	145	180	305	250	270	280	630	550	20	ML1c	A3.11	-
INM 80-250/ 116	234	90L 6	1.1	612	80	80	145	170	275	200	270	280	590	550	30	ML4k	B2.1k	T3
INM 80-250/ 076	210	90S 6	0.75	612	80	80	145	170	250	200	270	280	565	550	30	ML4k	B2.1k	T3

TECHNICAL DATA : INM 80-315 - 50 Hz - 6 Pole

PERFORMANCE CURVES



Flange Dimensions



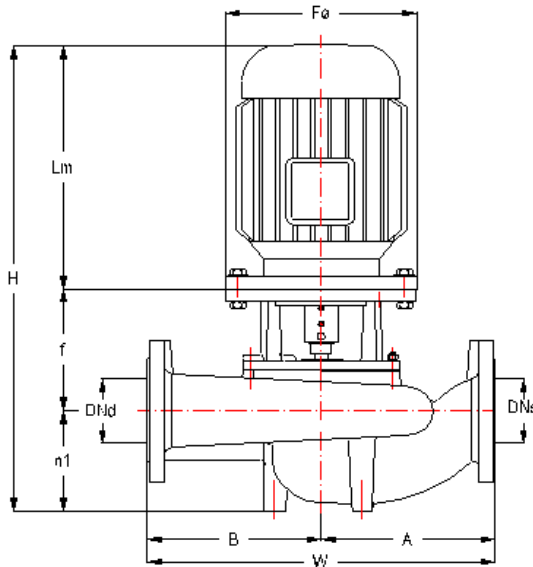
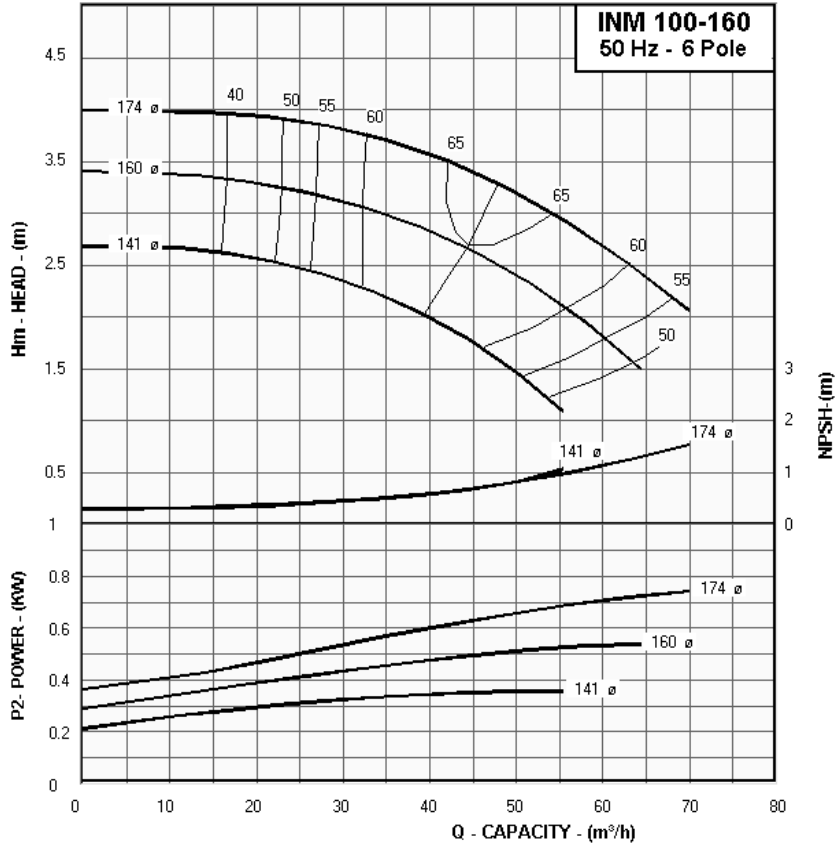
EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
80	200	160	18	8
80	200	160	18	8

DIMENSIONS TABLE. INM 80-315 (960 RPM) Main Part Codes

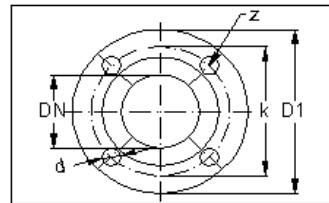
Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 80-315/ 406	328	132M6	4	714	80	80	160	215	413	300	300	300	788	600	30	ML4a	B3.02	-
INM 80-315/ 306	307	132S6	3	714	80	80	160	215	375	300	300	300	750	600	30	ML4a	B3.02	-
INM 80-315/ 226	284	112M6	2.2	713	80	80	160	205	324	250	300	300	689	600	30	ML3	B3.12kb	T6
INM 80-315/ 156	258	100L6	1.5	713	80	80	160	205	305	250	300	300	670	600	30	ML3	B3.12kb	T6
INM 80-315/ 116	236	90L 6	1.1	712	80	80	160	205	275	200	300	300	640	600	30	ML3k	B3.12k	T5

TECHNICAL DATA : INM 100-160 - 50 Hz - 6 Pole

PERFORMANCE CURVES



Flange Dimensions

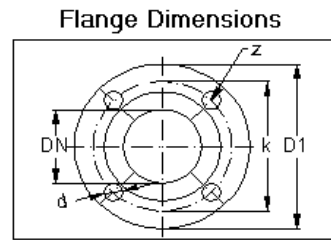
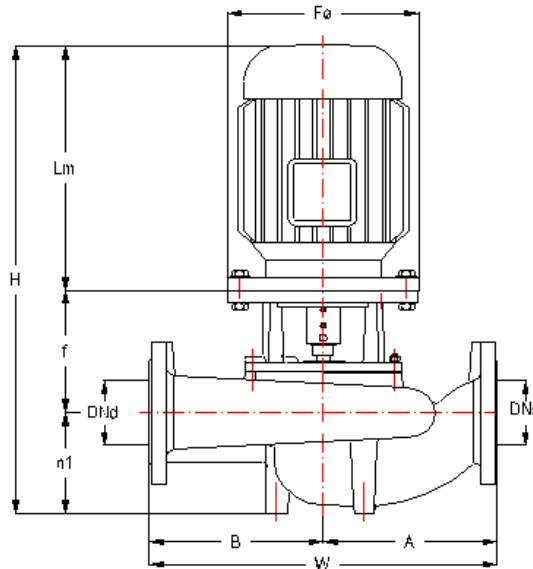
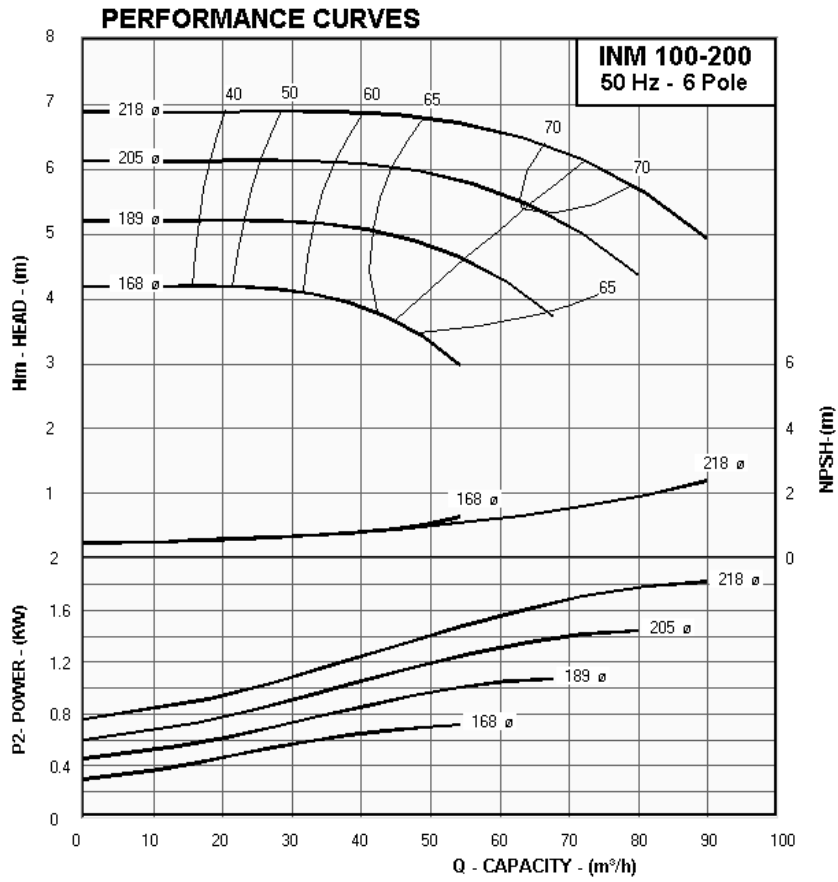


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
100	220	180	18	8
100	220	180	18	8

DIMENSIONS TABLE. INM 100-160 (960 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 100-160/ 076	174	90S 6	0.75	222	100	100	155	170	250	200	250	250	575	500	20	ML1b	A1.21	-
INM 100-160/ 056	160	80 6b	0.55	221	100	100	155	170	233	200	250	250	558	500	20	ML1k	A1.2k	T1
INM 100-160/ 046	141	80 6a	0.37	221	100	100	155	170	233	200	250	250	558	500	20	ML1k	A1.2k	T1

TECHNICAL DATA : INM 100-200 - 50 Hz - 6 Pole

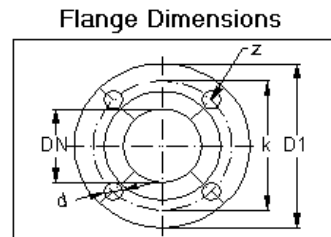
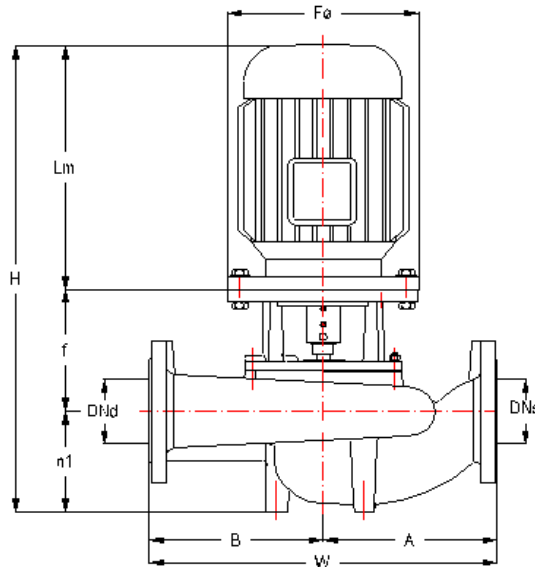
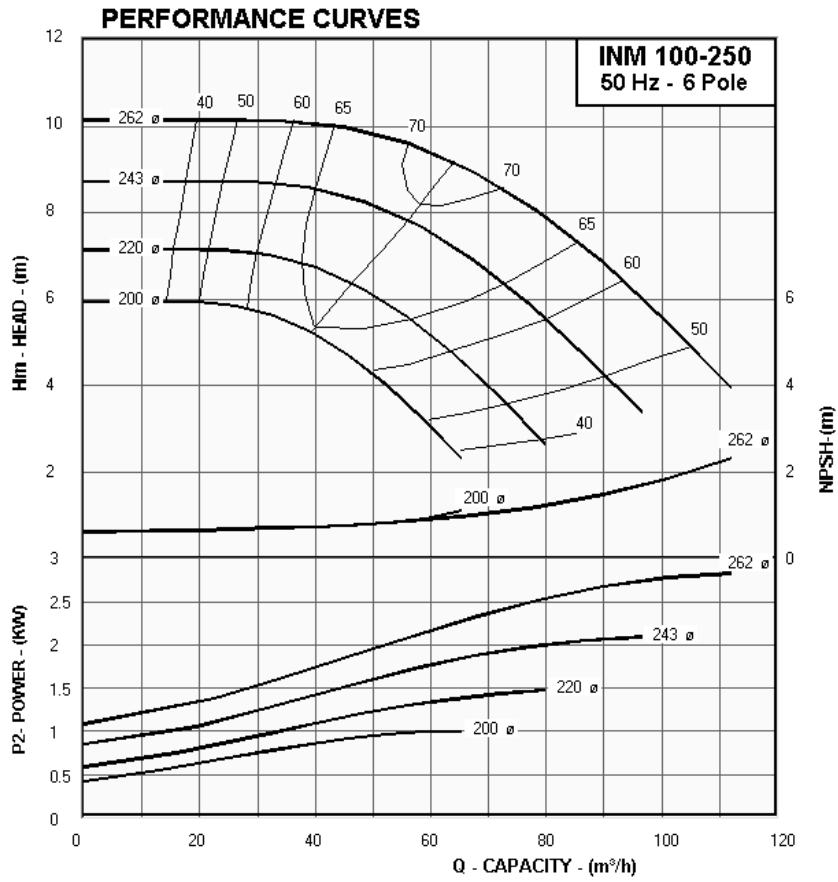


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
100	220	180	18	8
100	220	180	18	8

DIMENSIONS TABLE. INM 100-200 (960 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 100-200/ 226	218	112M6	2.2	513	100	100	180	190	324	250	275	275	694	550	30	ML3	B1.12	-
INM 100-200/ 156	205	100L6	1.5	513	100	100	180	190	305	250	275	275	675	550	30	ML3	B1.12	-
INM 100-200/ 116	189	90L 6	1.1	512	100	100	180	170	275	200	275	275	625	550	30	ML3k	B1.1k	T2
INM 100-200/ 076	168	90S 6	0.75	512	100	100	180	170	250	200	275	275	600	550	30	ML3k	B1.1k	T2

TECHNICAL DATA : INM 100-250 - 50 Hz - 6 Pole

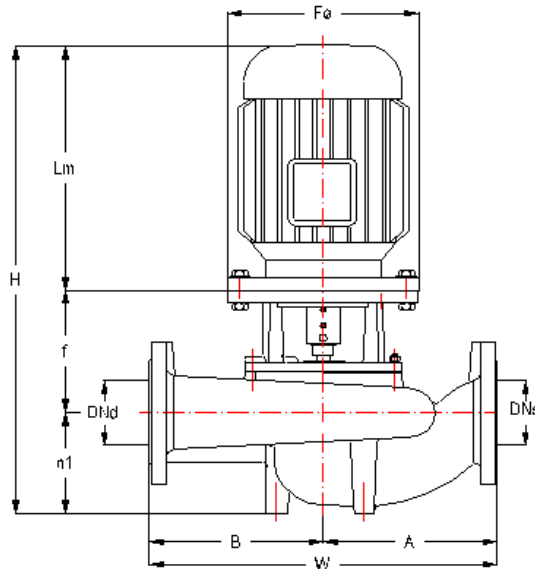
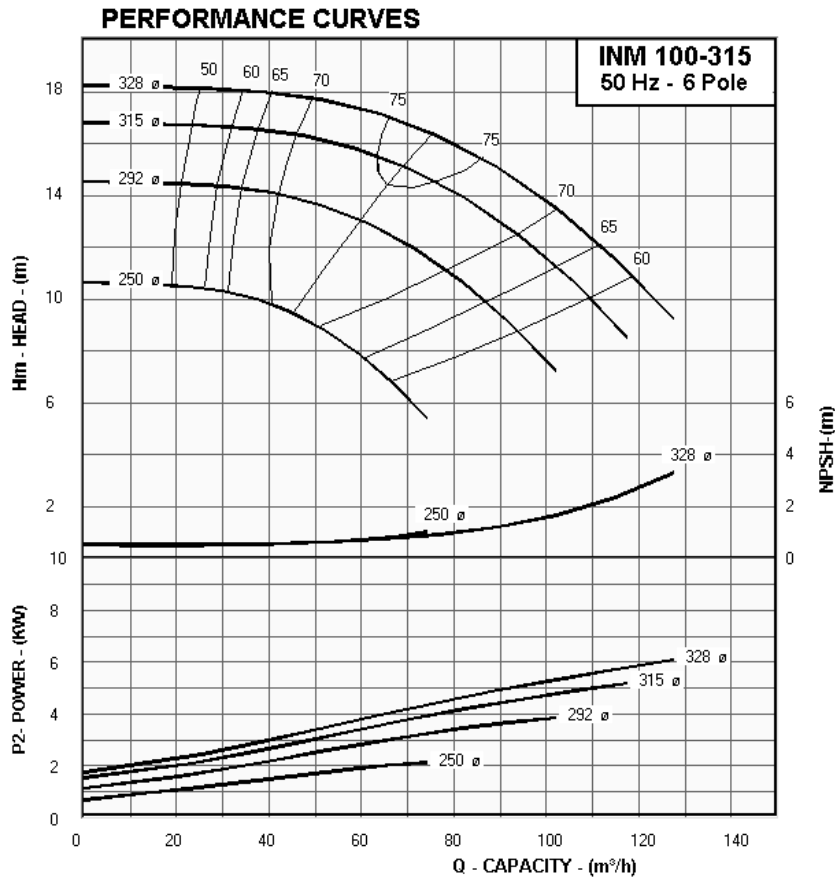


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
100	220	180	18	8
100	220	180	18	8

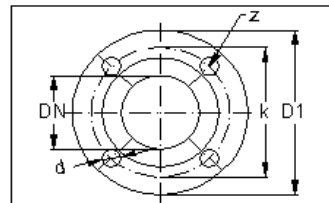
DIMENSIONS TABLE. INM 100-250 (960 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 100-250/ 306	262	132S6	3	624	100	100	190	215	375	300	320	280	780	600	30	ML4a	B2.12	-
INM 100-250/ 226	243	112M6	2.2	623	100	100	190	180	324	250	320	280	694	600	30	ML3	B2.1Bk	T4
INM 100-250/ 156	220	100L6	1.5	623	100	100	190	180	305	250	320	280	675	600	30	ML3	B2.1Bk	T4
INM 100-250/ 116	200	90L 6	1.1	622	100	100	190	170	275	200	320	280	635	600	30	ML4k	B2.1k	T3

TECHNICAL DATA : INM 100-315 - 50 Hz - 6 Pole



Flange Dimensions

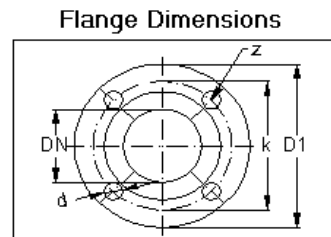
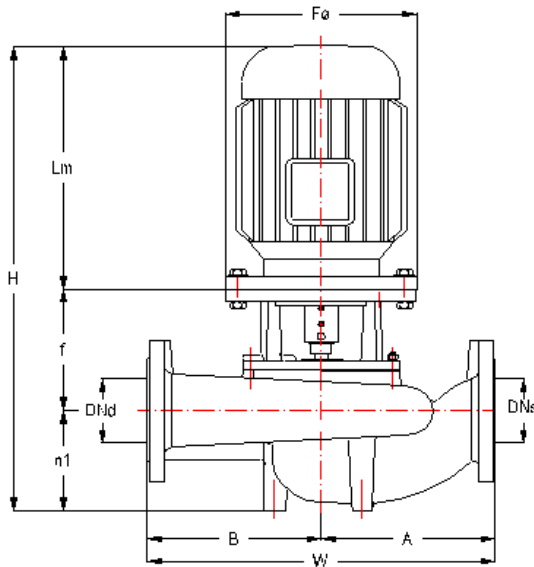
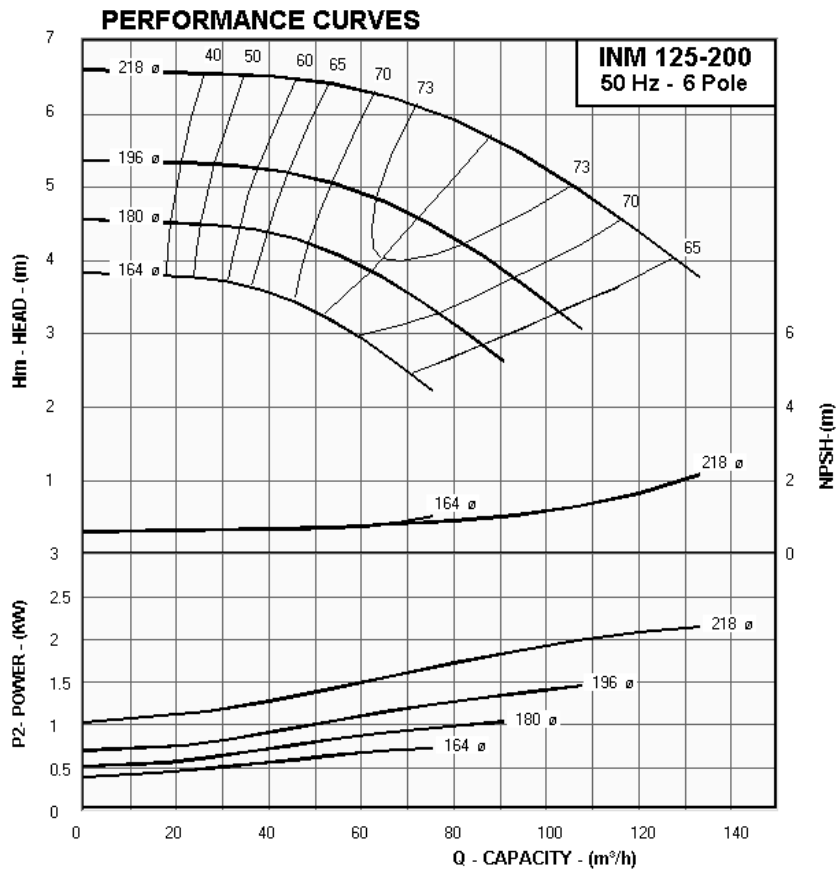


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
100	220	180	18	8
100	220	180	18	8

DIMENSIONS TABLE. INM 100-315 (960 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 100-315/ 756	328	160M6	7.5	725	100	100	190	240	484	350	335	315	914	650	30	ML4b	B3.12	-
INM 100-315/ 556	315	132M6	5.5	724	100	100	190	215	413	300	335	315	818	650	30	ML4a	B3.12kc	T7
INM 100-315/ 406	292	132M6	4	724	100	100	190	215	413	300	335	315	818	650	30	ML4a	B3.12kc	T7
INM 100-315/ 226	250	112M6	2.2	723	100	100	190	205	324	250	335	315	719	650	30	ML3	B3.12kb	T6

TECHNICAL DATA : INM 125-200 - 50 Hz - 6 Pole

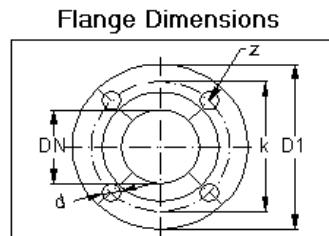
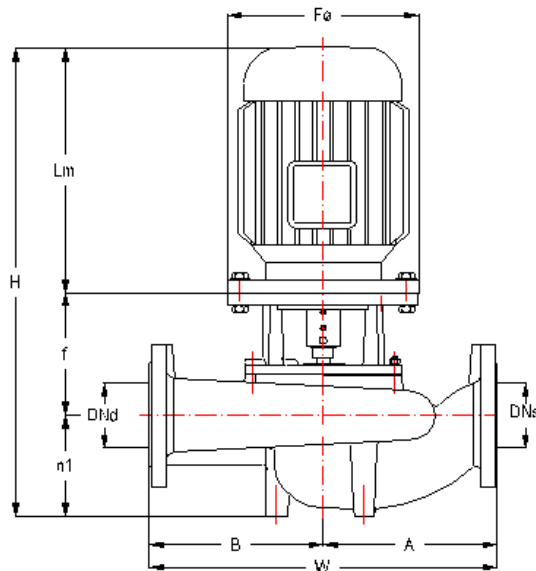
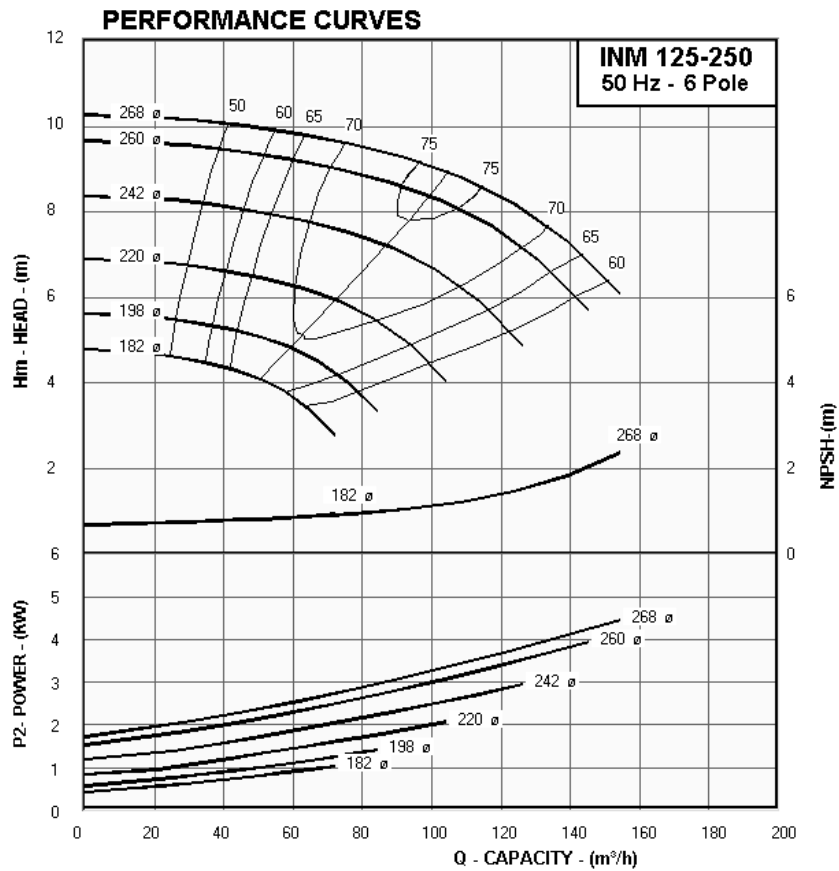


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
125	250	210	18	8
125	250	210	18	8

DIMENSIONS TABLE. INM 125-200 (960 RPM) Main Part Codes

Pump Size	Imp. ϕ	Motor Size	KW	Code	DN _s	DN _d	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 125-200/ 226	218	112M6	2.2	523	125	125	210	190	324	250	300	300	724	600	30	ML3	B1.12	-
INM 125-200/ 156	196	100L6	1.5	523	125	125	210	190	305	250	300	300	705	600	30	ML3	B1.12	-
INM 125-200/ 116	180	90L 6	1.1	522	125	125	210	170	275	200	300	300	655	600	30	ML3k	B1.1k	T2
INM 125-200/ 076	164	90S 6	0.75	522	125	125	210	170	250	200	300	300	630	600	30	ML3k	B1.1k	T2

TECHNICAL DATA : INM 125-250 - 50 Hz - 6 Pole



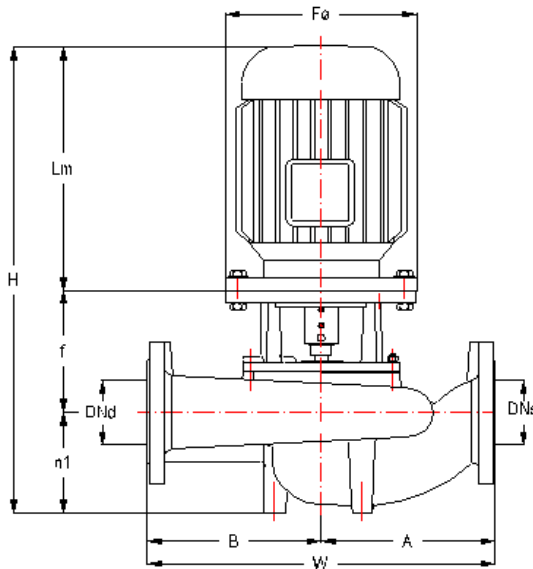
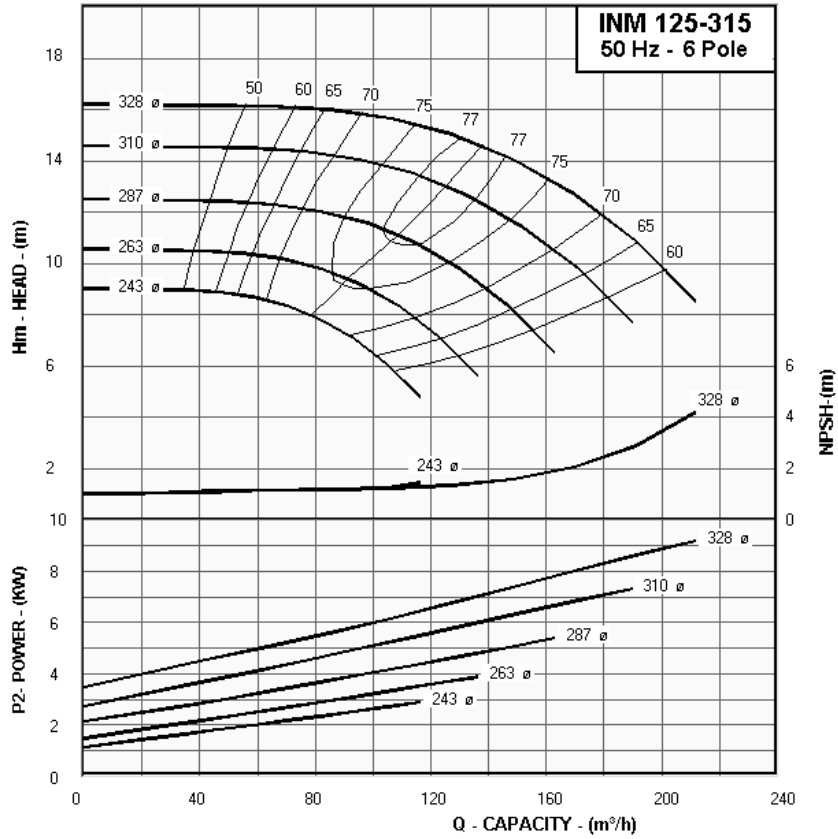
EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
125	250	210	18	8
125	250	210	18	8

DIMENSIONS TABLE. INM 125-250 (960 RPM) Main Part Codes

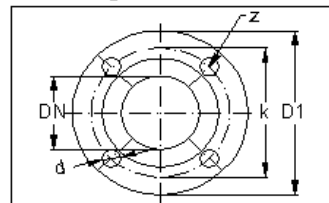
Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 125-250/ 556	268	132M6	5.5	634	125	125	210	215	413	300	350	300	838	650	30	ML4a	B2.12	-
INM 125-250/ 406	260	132M6	4	634	125	125	210	215	413	300	350	300	838	650	30	ML4a	B2.12	-
INM 125-250/ 306	242	132S6	3	634	125	125	210	215	375	300	350	300	800	650	30	ML4a	B2.12	-
INM 125-250/ 226	220	112M6	2.2	633	125	125	210	180	324	250	350	300	714	650	30	ML3	B2.1Bk	T4
INM 125-250/ 156	198	100L6	1.5	633	125	125	210	180	305	250	350	300	695	650	30	ML3	B2.1Bk	T4
INM 125-250/ 116	182	90L 6	1.1	632	125	125	210	170	275	200	350	300	655	650	30	ML4k	B2.1k	T3

TECHNICAL DATA : INM 125-315 - 50 Hz - 6 Pole

PERFORMANCE CURVES



Flange Dimensions

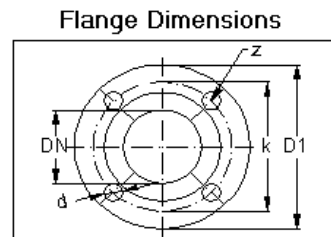
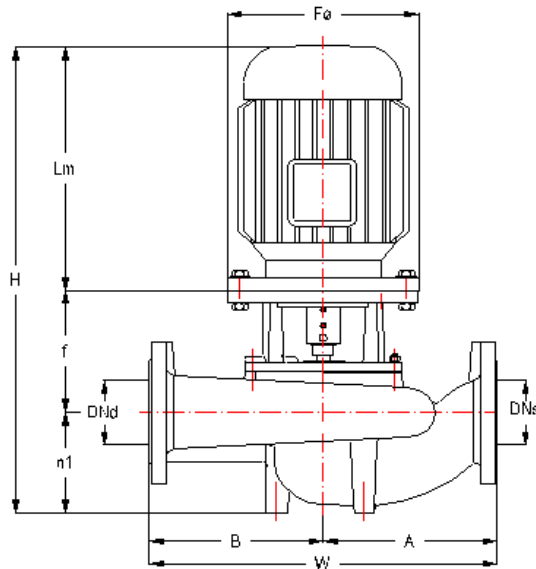
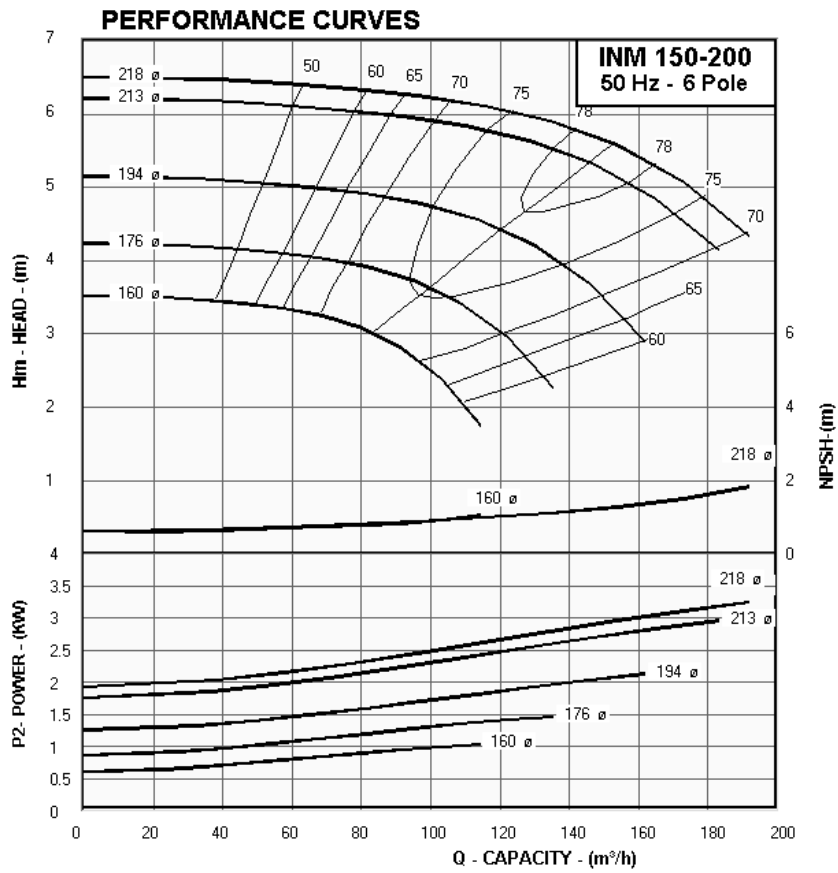


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
125	250	210	18	8
125	250	210	18	8

DIMENSIONS TABLE. INM 125-315 (960 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 125-315/ 556	328	132M6	5.5	734	125	125	210	245	413	300	370	330	868	700	30	ML4a	B3.12kc	T7
INM 125-315/ 756	310	160M6	7.5	735	125	125	210	270	484	350	370	330	964	700	30	ML4b	B3.12	-
INM 125-315/ 556	287	132M6	5.5	734	125	125	210	245	413	300	370	330	868	700	30	ML4a	B3.12kc	T7
INM 125-315/ 406	263	132M6	4	734	125	125	210	245	413	300	370	330	868	700	30	ML4a	B3.12kc	T7
INM 125-315/ 306	243	132S6	3	734	125	125	210	245	375	300	370	330	830	700	30	ML4a	B3.12kc	T7

TECHNICAL DATA : INM 150-200 - 50 Hz - 6 Pole

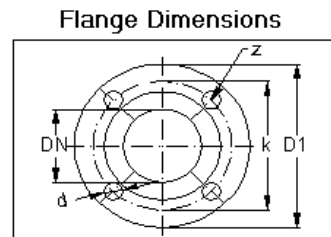
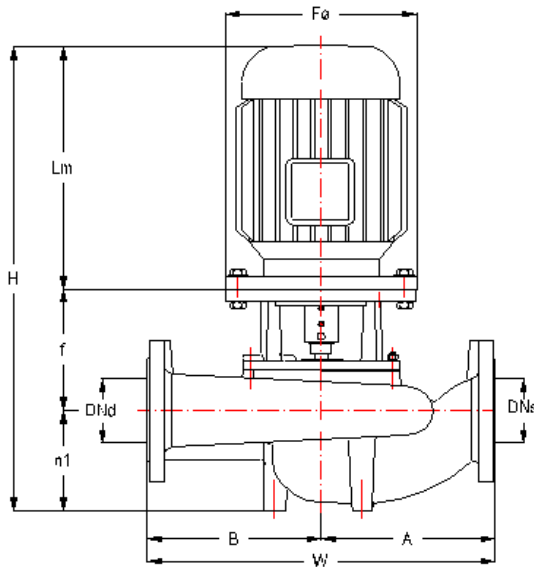
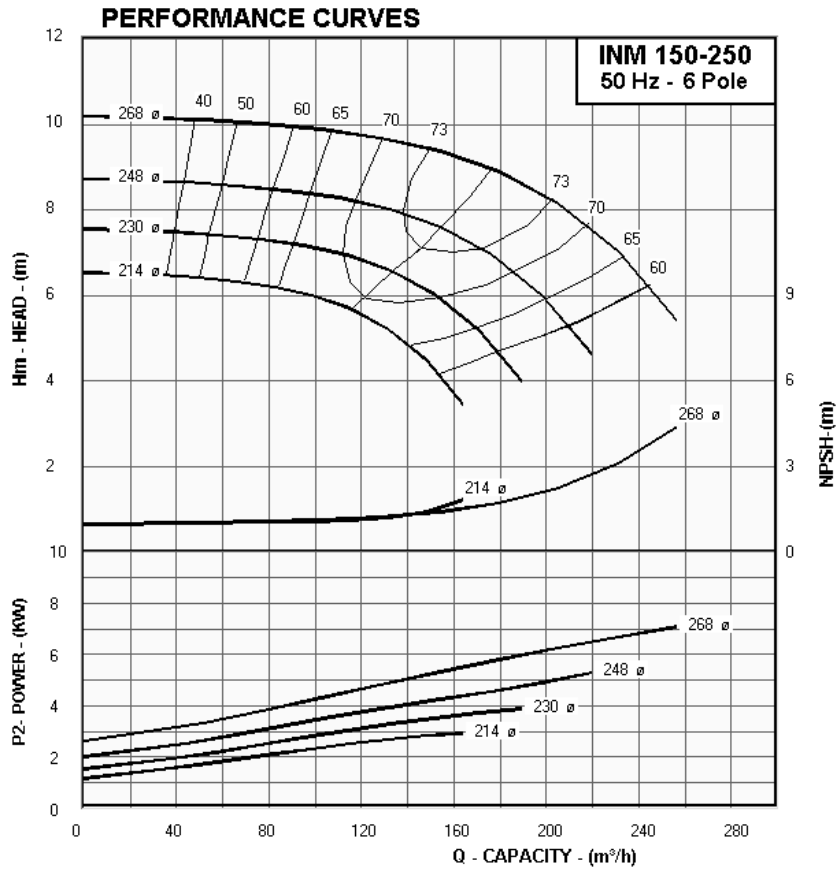


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
150	285	240	23	8
150	285	240	23	8

DIMENSIONS TABLE. INM 150-200 (960 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 150-200/ 406	218	132M6	4	534	150	150	190	255	413	300	335	315	858	650	30	ML4a	B1.12	F4
INM 150-200/ 306	213	132S6	3	534	150	150	190	255	375	300	335	315	820	650	30	ML4a	B1.12	F4
INM 150-200/ 226	194	112M6	2.2	533	150	150	190	230	324	250	335	315	744	650	30	ML3	B1.12	-
INM 150-200/ 156	176	100L6	1.5	533	150	150	190	230	305	250	335	315	725	650	30	ML3	B1.12	-
INM 150-200/ 116	160	90L 6	1.1	532	150	150	190	210	275	200	335	315	675	650	30	ML3k	B1.1k	T2

TECHNICAL DATA : INM 150-250 - 50 Hz - 6 Pole

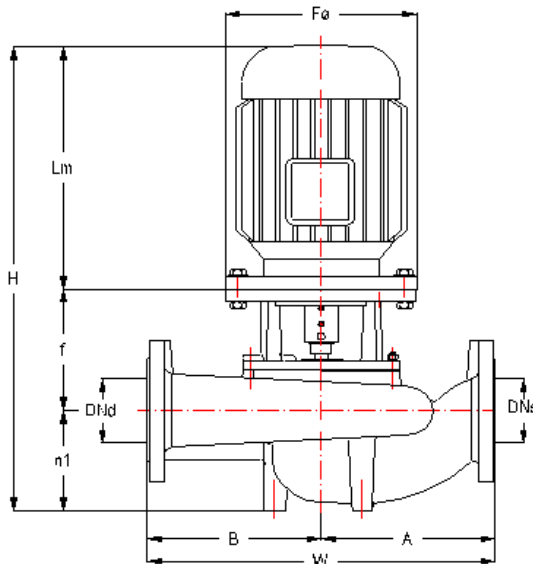
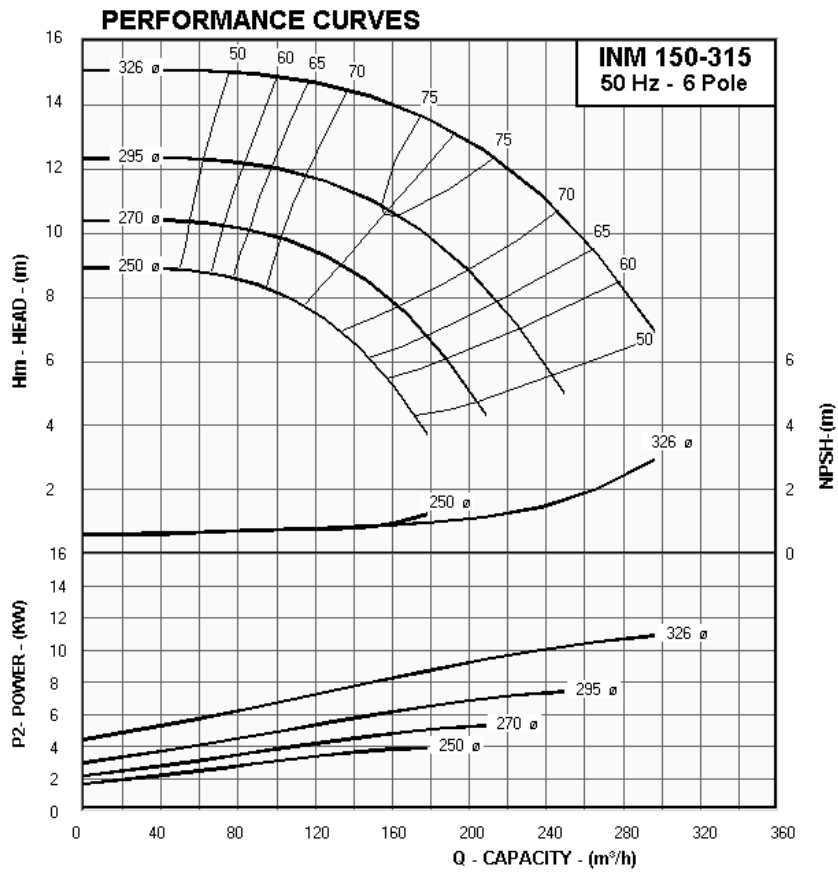


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
150	285	240	23	8
150	285	240	23	8

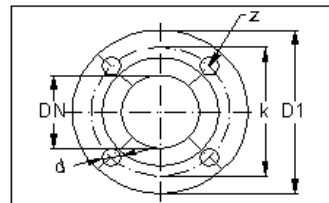
DIMENSIONS TABLE. INM 150-250 (960 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 150-250/ 756	268	160M6	7.5	645	150	150	180	300	484	350	315	355	964	670	30	ML4b	B2.12	F7
INM 150-250/ 556	248	132M6	5.5	644	150	150	180	275	413	300	315	355	868	670	30	ML4a	B2.12	-
INM 150-250/ 406	230	132M6	4	644	150	150	180	275	413	300	315	355	868	670	30	ML4a	B2.12	-
INM 150-250/ 306	214	132S6	3	644	150	150	180	275	375	300	315	355	830	670	30	ML4a	B2.12	-

TECHNICAL DATA : INM 150-315 - 50 Hz - 6 Pole



Flange Dimensions



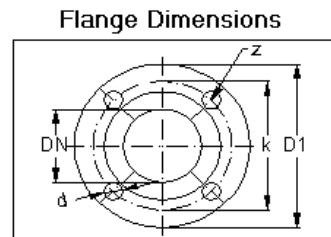
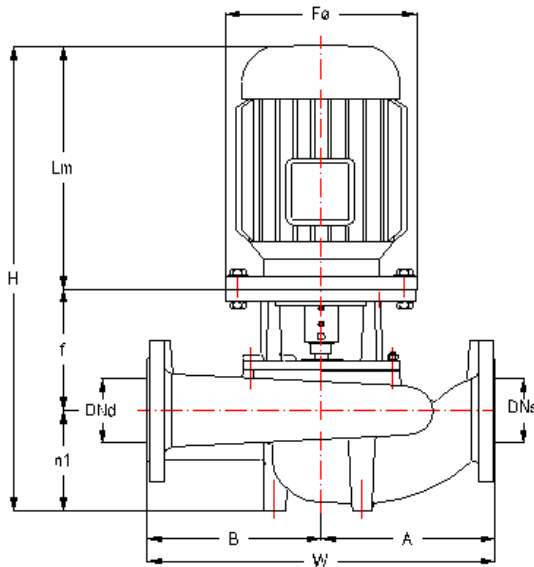
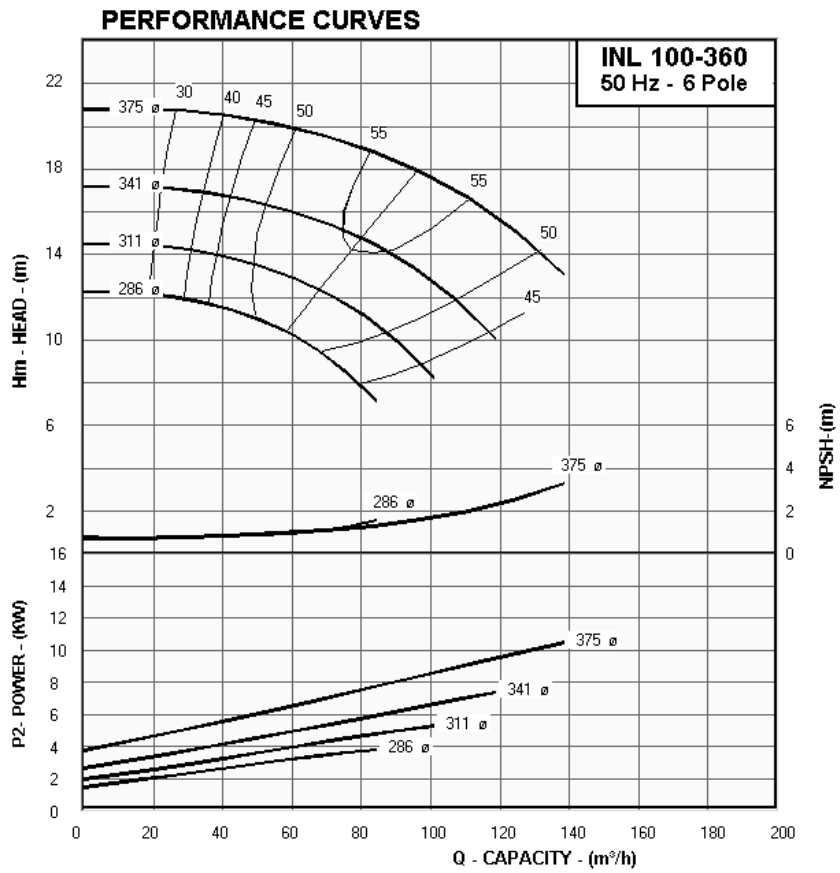
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
150	285	240	23	8
150	285	240	23	8

DIMENSIONS TABLE. INM 150-315 (960 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 150-315/ 1106	326	160L6	11	815	150	150	210	305	528	350	390	380	1043	770	30	ML6a	C2.12	-
INM 150-315/ 756	295	160M6	7.5	815	150	150	210	305	484	350	390	380	999	770	30	ML6a	C2.12	-
INM 150-315/ 556	270	132M6	5.5	814	150	150	210	280	413	300	390	380	903	770	30	ML6k	C2.12k	T7
INM 150-315/ 406	250	132M6	4	814	150	150	210	280	413	300	390	380	903	770	30	ML6k	C2.12k	T7

TECHNICAL DATA : INL 100-360 - 50 Hz - 6 Pole

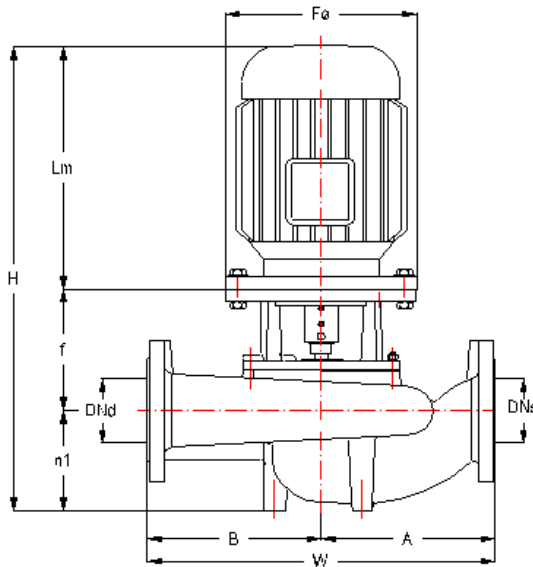
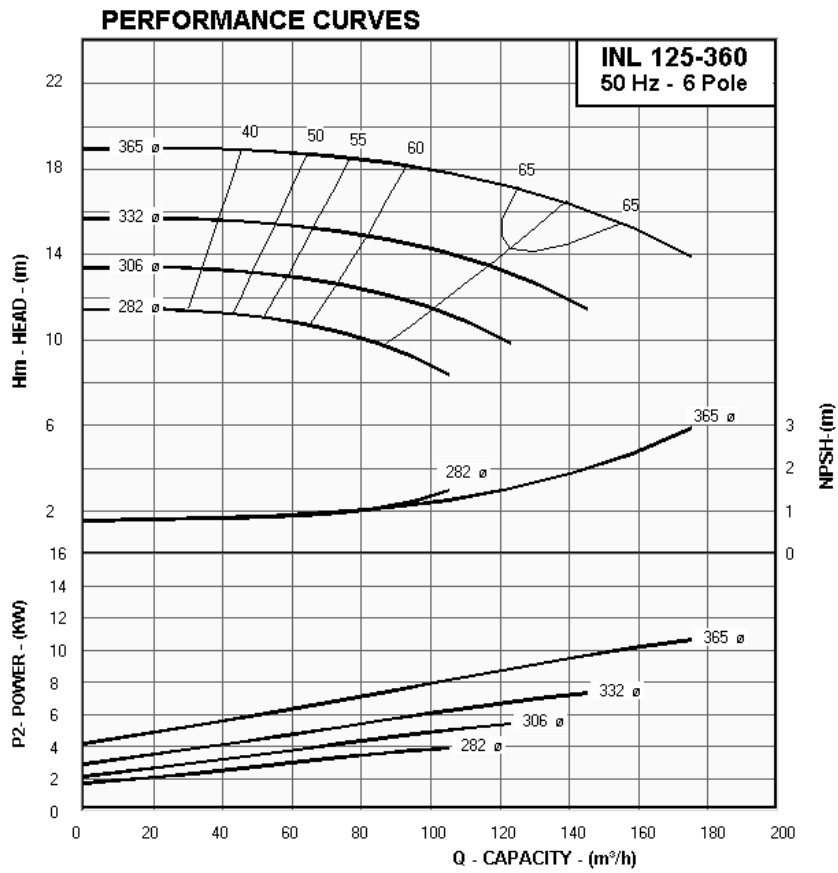


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
100	220	180	18	8
100	220	180	18	8

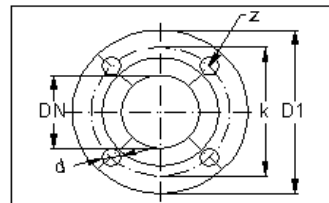
DIMENSIONS TABLE. INL 100-360 (960 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INL 100-360/ 1106	375	160L6	11	5	100	100	200	255	528	350	450	450	983	900	0			
INL 100-360/ 756	341	160M6	7.5	5	100	100	200	255	484	350	450	450	939	900	0			
INL 100-360/ 556	311	132M6	5.5	4	100	100	200	255	413	300	450	450	868	900	0			
INL 100-360/ 406	286	132M6	4	4	100	100	200	255	413	300	450	450	868	900	0			

TECHNICAL DATA : INL 125-360 - 50 Hz - 6 Pole



Flange Dimensions



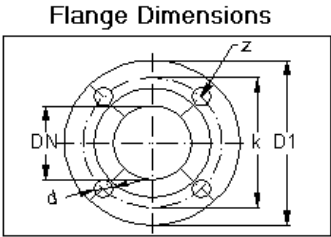
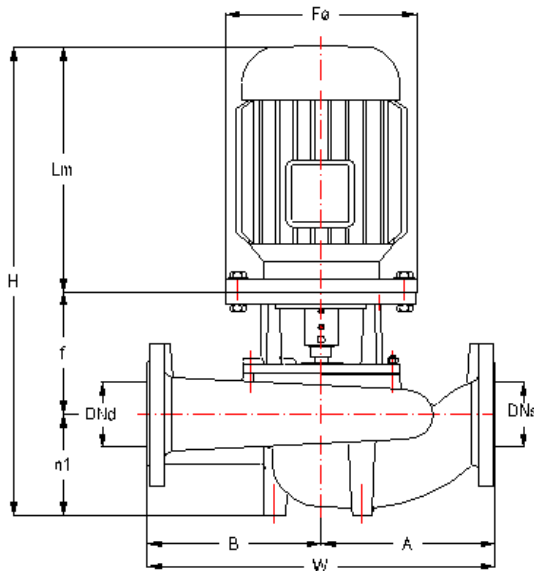
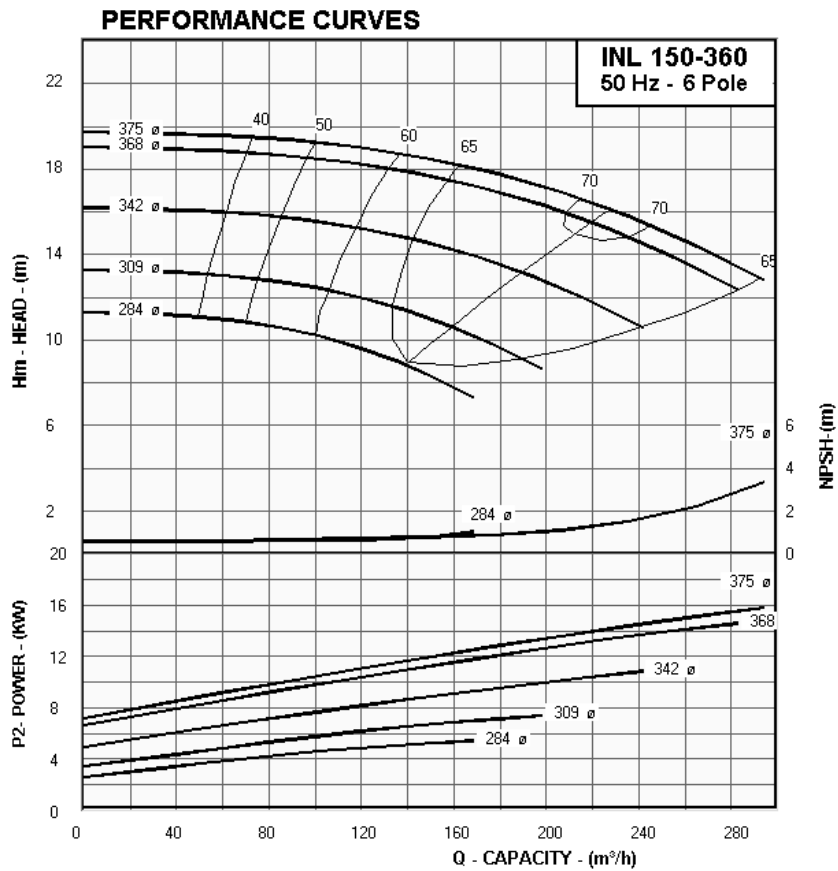
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
125	250	210	18	8
125	250	210	18	8

DIMENSIONS TABLE. INL 125-360 (960 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INL 125-360/ 1106	365	160L6	11	5	125	125	200	330	528	350	450	450	1058	900	0			
INL 125-360/ 756	332	160M6	7.5	5	125	125	200	330	484	350	450	450	1014	900	0			
INL 125-360/ 556	306	132M6	5.5	4	125	125	200	265	413	300	450	450	878	900	0			
INL 125-360/ 406	282	132M6	4	4	125	125	200	265	413	300	450	450	878	900	0			

TECHNICAL DATA : INL 150-360 - 50 Hz - 6 Pole



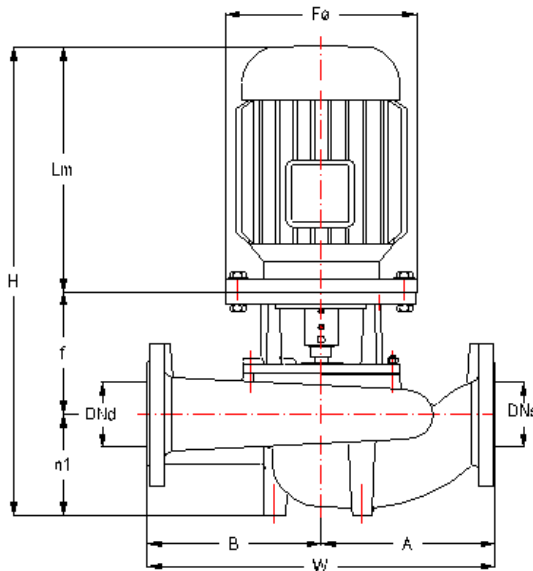
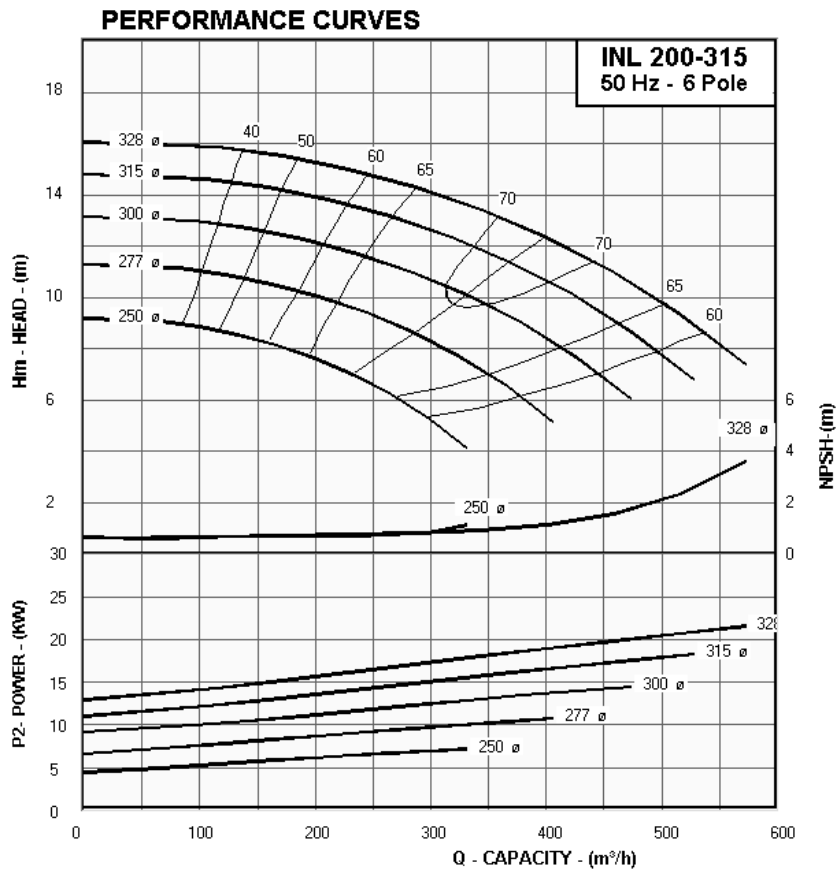
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
150	285	240	23	8
150	285	240	23	8

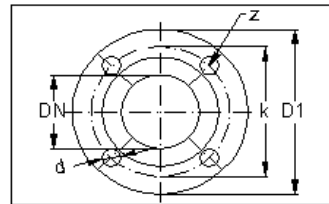
DIMENSIONS TABLE. INL 150-360 (960 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INL 150-360/ 2206	375	200L6	22	7	150	150	240	360	637	400	450	450	1237	900	0			
INL 150-360/ 1506	368	180L6	15	6	150	150	240	330	582	350	450	450	1152	900	0			
INL 150-360/ 1106	342	160L6	11	5	150	150	240	330	528	350	450	450	1098	900	0			
INL 150-360/ 756	309	160M6	7.5	5	150	150	240	330	484	350	450	450	1054	900	0			
INL 150-360/ 556	284	132M6	5.5	4	150	150	240	80	413	300	450	450	733	900	0			

TECHNICAL DATA : INL 200-315 - 50 Hz - 6 Pole



Flange Dimensions



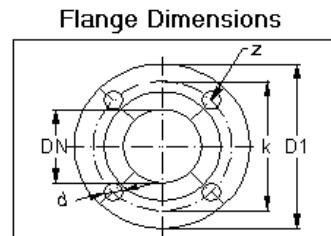
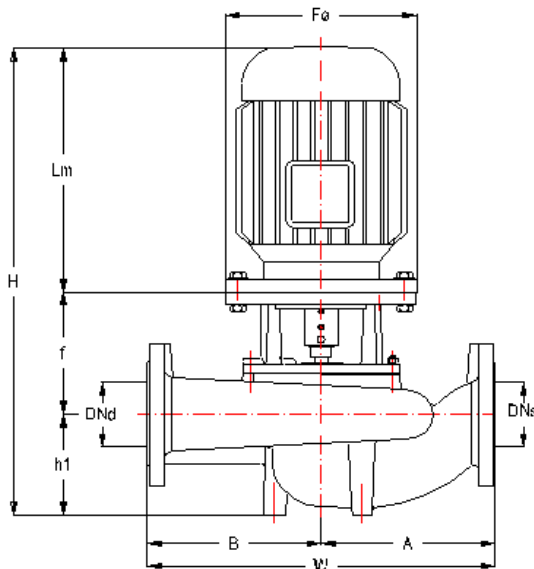
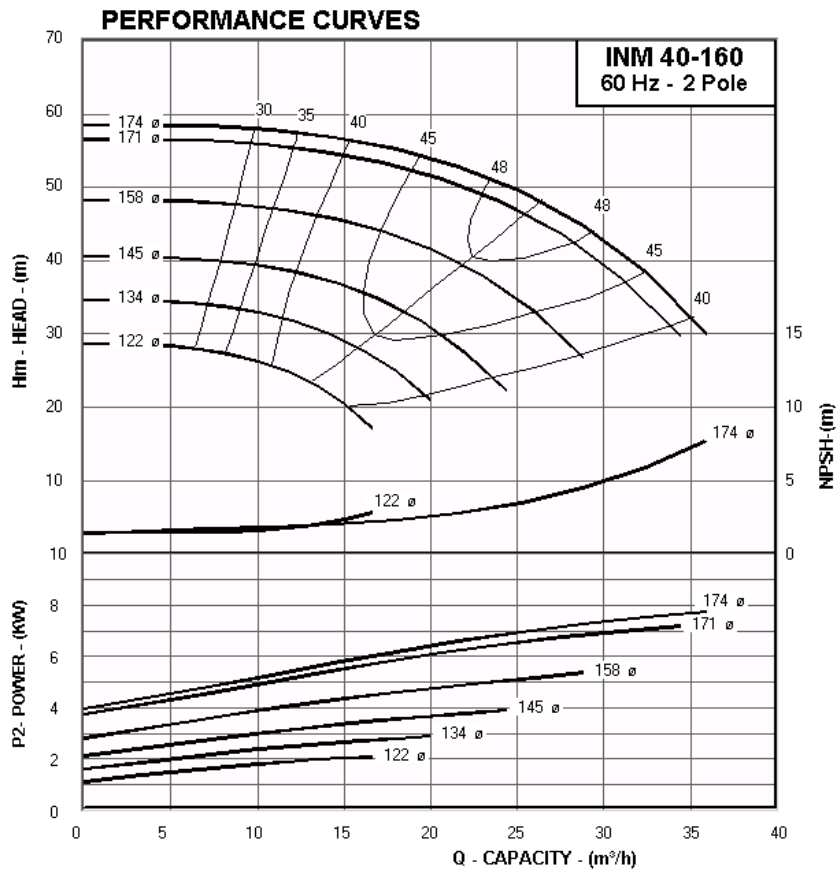
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
200	340	295	23	12
200	340	295	23	12

DIMENSIONS TABLE. INL 200-315 (960 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INL 200-315/ 2206	328	200L6	22	7	200	200	280	530	637	400	450	450	1447	900	0			
INL 200-315/ 1856	315	200L6	18.5	7	200	200	280	530	637	400	450	450	1447	900	0			
INL 200-315/ 1506	300	180L6	15	6	200	200	280	510	582	350	450	450	1372	900	0			
INL 200-315/ 1106	277	160L6	11	5	200	200	280	510	528	350	450	450	1318	900	0			
INL 200-315/ 756	250	160M6	7.5	5	200	200	280	510	484	350	450	450	1274	900	0			

TECHNICAL DATA : INM 40-160 - 60 Hz - 2 Pole



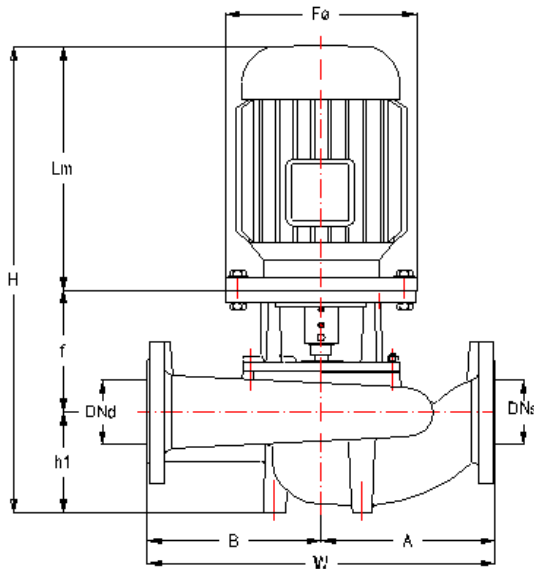
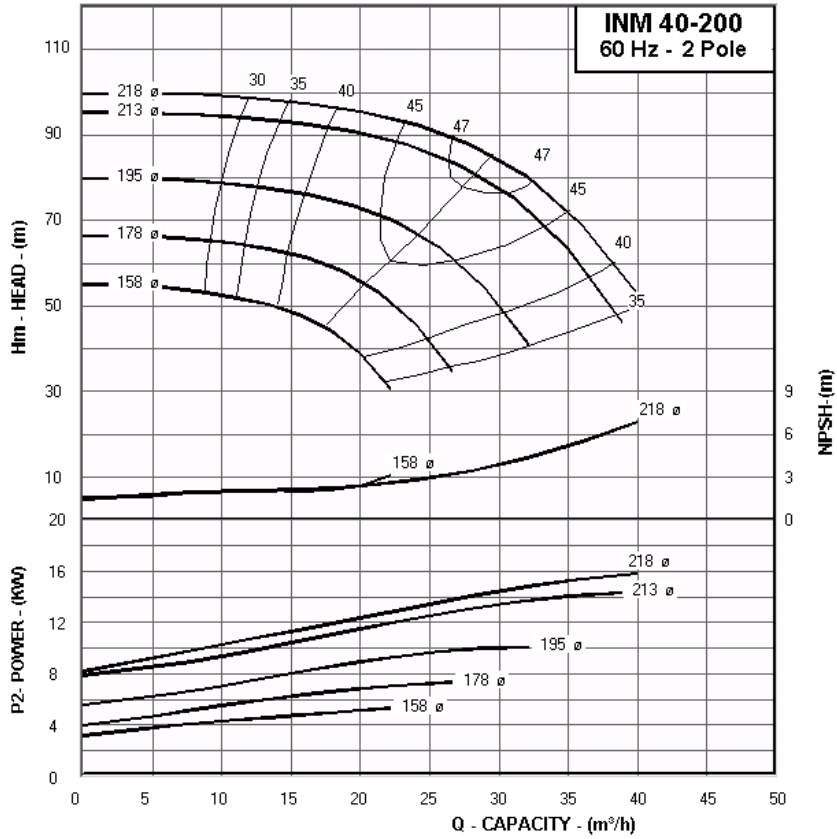
EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
40	150	110	18	4
40	150	110	18	4

DIMENSIONS TABLE. INM 40-160 (3432 RPM) Main Part Codes

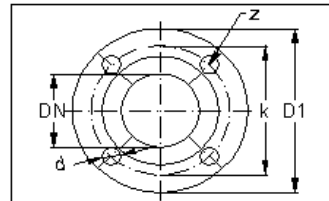
Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 40-160/ 1102	174	160M2	11	115	40	40	80	45	484	350	160	160	609	320	30	ML2b	A1.32	F 136
INM 40-160/ 752	171	132S2	7.5	114	40	40	80	200	375	300	160	160	655	320	30	ML2a	A1.12	F 2
INM 40-160/ 552	158	132S2	5.5	114	40	40	80	200	375	300	160	160	655	320	30	ML2a	A1.12	F 2
INM 40-160/ 402	145	112M2	4	113	40	40	80	180	324	250	160	160	584	320	20	ML1c	A1.11	F 1
INM 40-160/ 302	134	100L2	3	113	40	40	80	180	305	250	160	160	565	320	20	ML1c	A1.11	F 1
INM 40-160/ 222	122	90L 2	2.2	112	40	40	80	160	275	200	160	160	515	320	20	ML1b	A1.11	-

TECHNICAL DATA : INM 40-200 - 60 Hz - 2 Pole

PERFORMANCE CURVES



Flange Dimensions

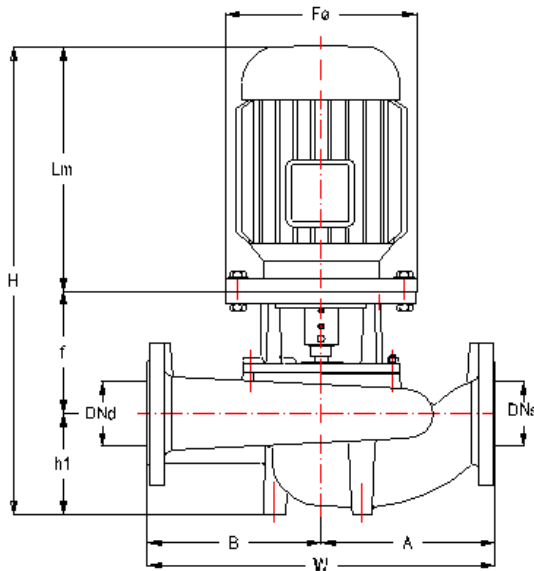
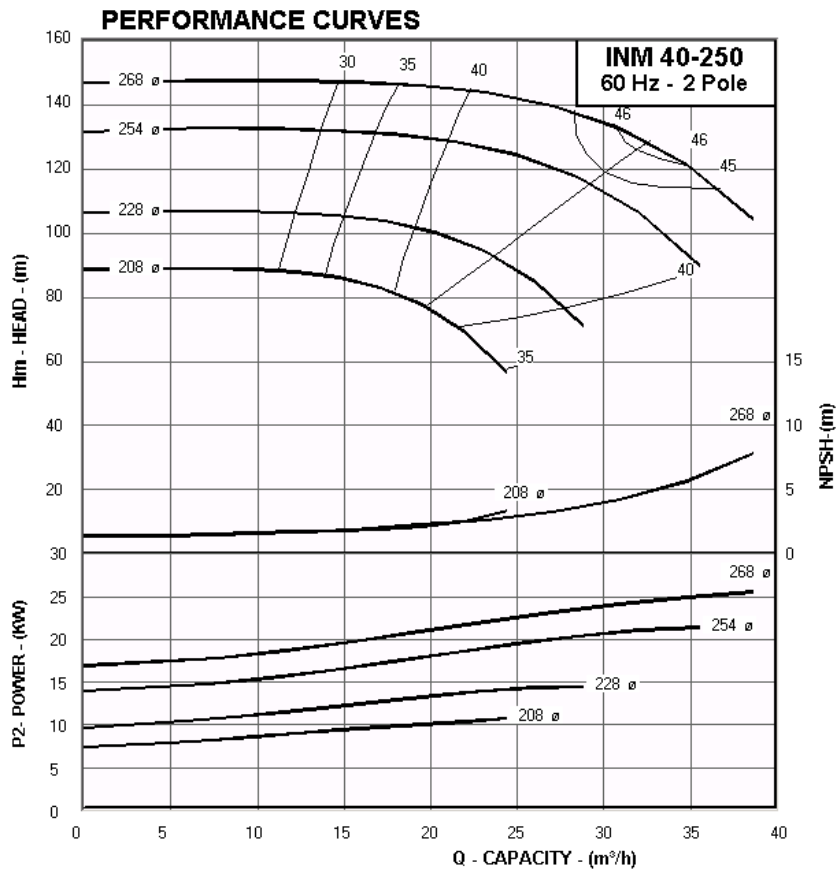


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
40	150	110	18	4
40	150	110	18	4

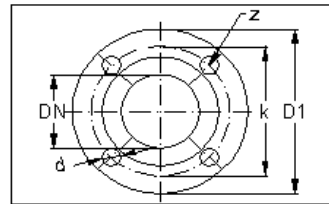
DIMENSIONS TABLE. INM 40-200 (3480 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 40-200/ 1852	218	160L2	18.5	315	40	40	95	230	528	350	190	190	853	380	30	ML2b	A2.22	F5
INM 40-200/ 1502	213	160M2	15	315	40	40	95	230	484	350	190	190	809	380	30	ML2b	A2.22	F5
INM 40-200/ 1102	195	160M2	11	315	40	40	95	230	484	350	190	190	809	380	30	ML2b	A2.22	F5
INM 40-200/ 752	178	132S2	7.5	314	40	40	95	205	375	300	190	190	675	380	30	ML2a	A2.22	F4
INM 40-200/ 552	158	132S2	5.5	314	40	40	95	205	375	300	190	190	675	380	30	ML2a	A2.22	F4

TECHNICAL DATA : INM 40-250 - 60 Hz - 2 Pole



Flange Dimensions



EN 1092-2 PN 16

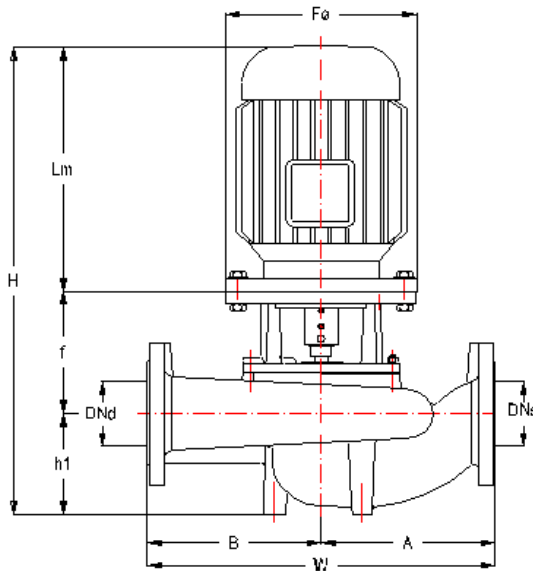
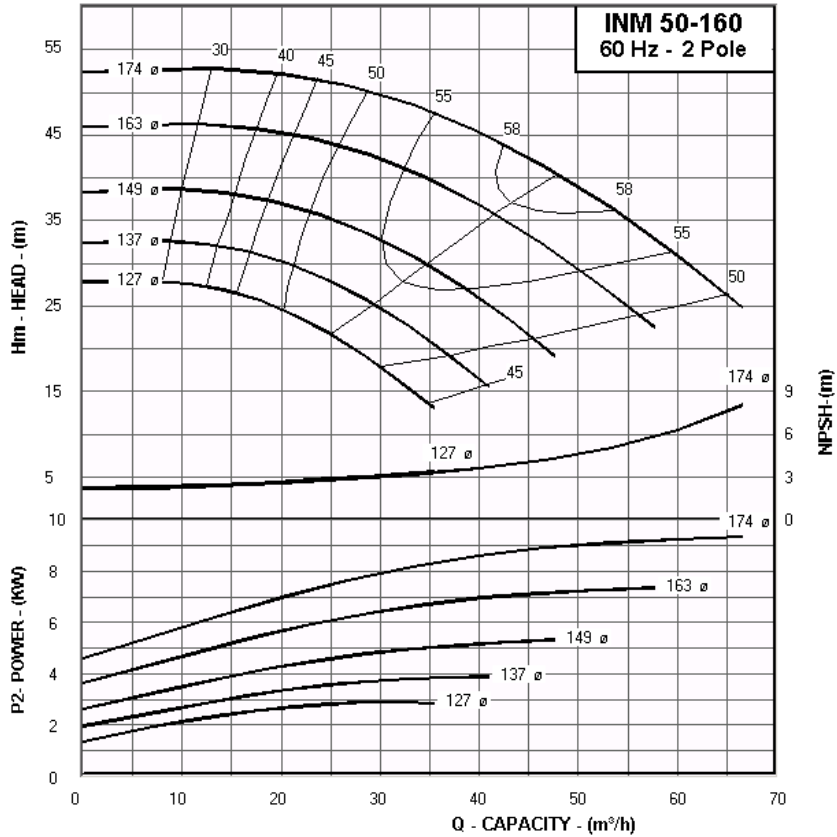
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
40	150	110	18	4
40	150	110	18	4

DIMENSIONS TABLE. INM 40-250 (3480 RPM) Main Part Codes

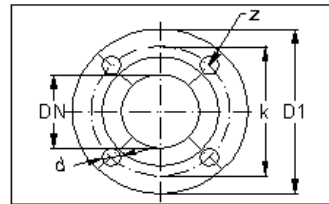
Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 40-250/ 3002	268	200L2	30	417	40	40	100	270	637	400	215	225	1007	440	35	ML7+K6	A3.13a	F6
INM 40-250/ 2202	254	180M2	22	416	40	40	100	240	544	350	215	225	884	440	30	ML2c	A3.12a	F5
INM 40-250/ 1502	228	160M2	15	415	40	40	100	240	484	350	215	225	824	440	30	ML2b	A3.12a	F5
INM 40-250/ 1102	208	160M2	11	415	40	40	100	240	484	350	215	225	824	440	30	ML2b	A3.12a	F5

TECHNICAL DATA : INM 50-160 - 60 Hz - 2 Pole

PERFORMANCE CURVES



Flange Dimensions



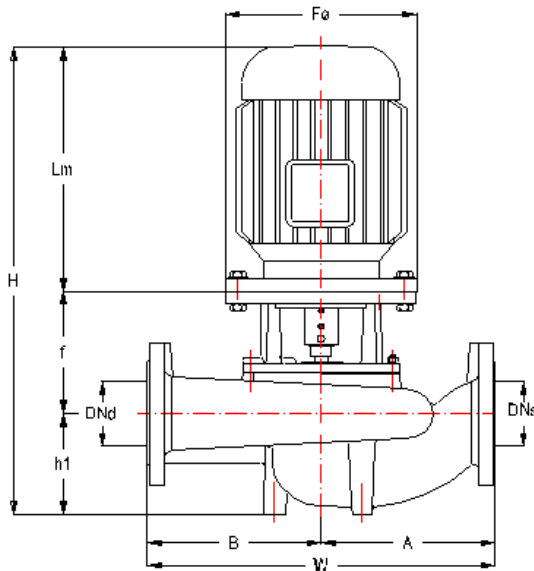
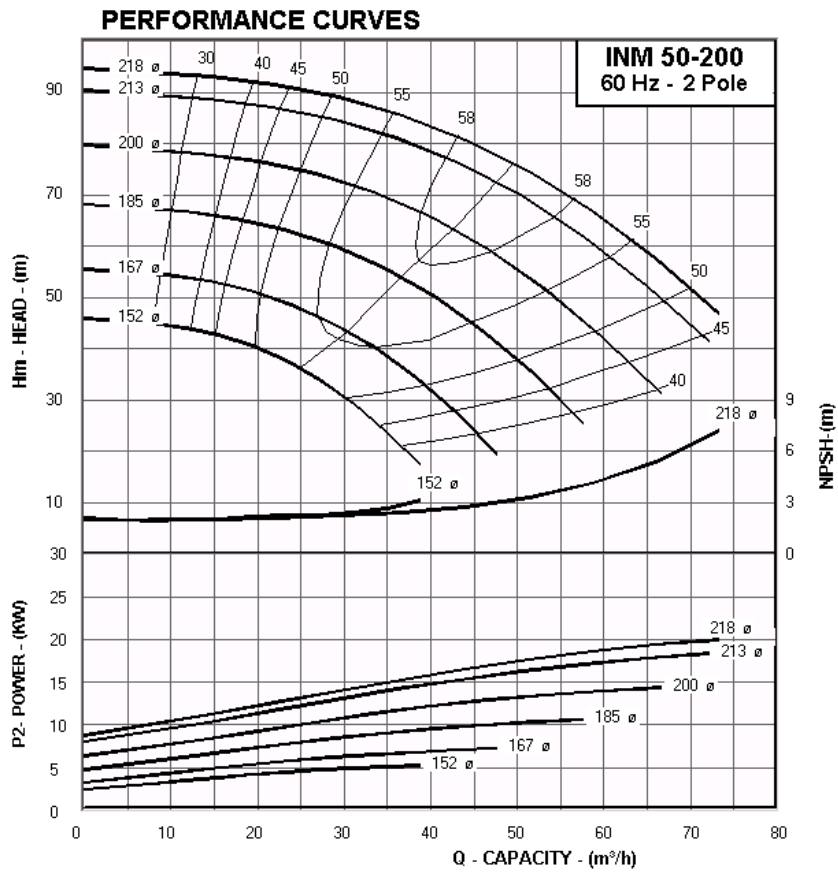
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
50	165	125	18	4
50	165	125	18	4

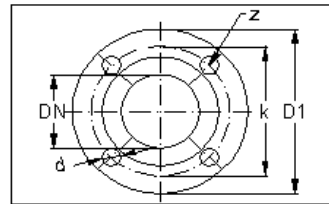
DIMENSIONS TABLE. INM 50-160 (3456 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 50-160/ 1102	174	160M2	11	125	50	50	100	45	484	350	180	180	629	360	30	ML2b	A1.32	F 136
INM 50-160/ 752	163	132S2	7.5	124	50	50	100	200	375	300	180	180	675	360	30	ML2a	A1.12	F 2
INM 50-160/ 552	149	132S2	5.5	124	50	50	100	200	375	300	180	180	675	360	30	ML2a	A1.12	F 2
INM 50-160/ 402	137	112M2	4	123	50	50	100	180	324	250	180	180	604	360	20	ML1c	A1.11	F 1
INM 50-160/ 302	127	100L2	3	123	50	50	100	180	305	250	180	180	585	360	20	ML1c	A1.11	F 1

TECHNICAL DATA : INM 50-200 - 60 Hz - 2 Pole



Flange Dimensions



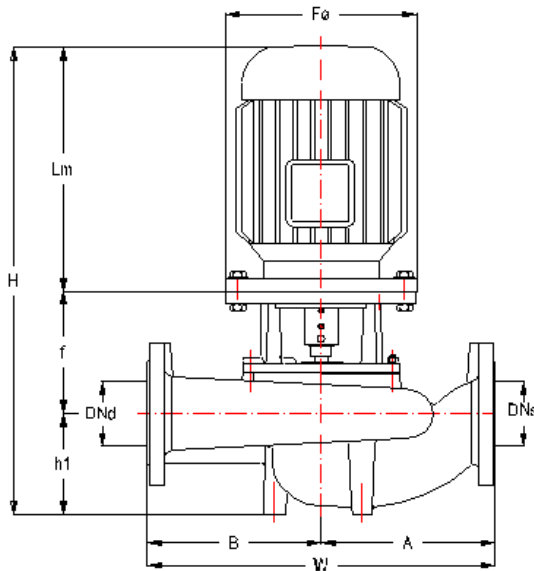
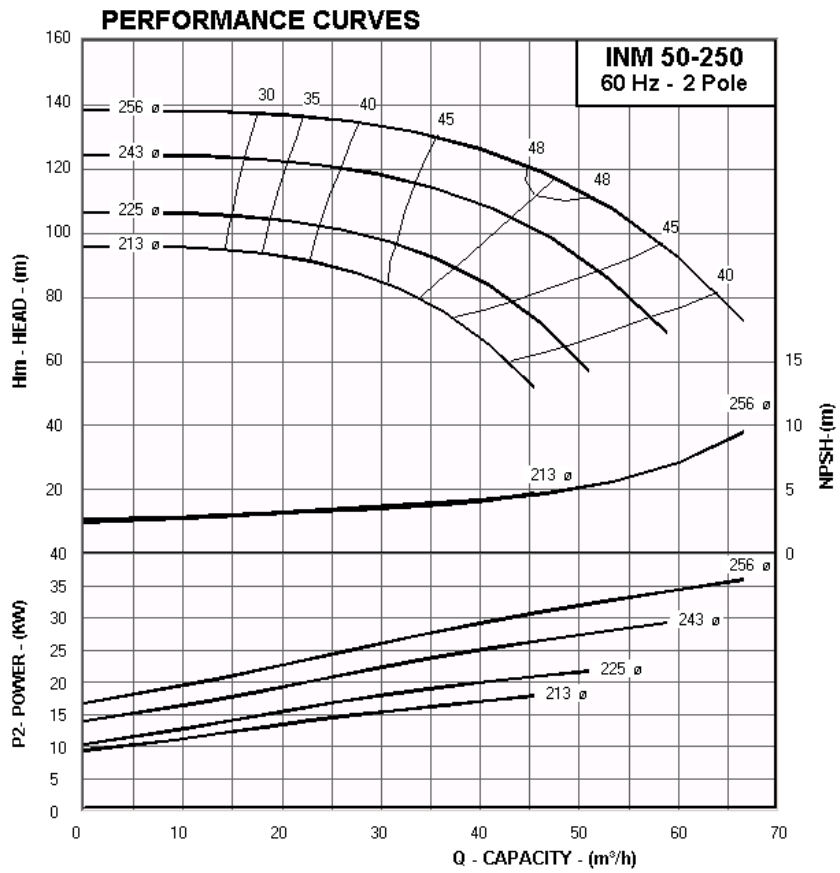
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
50	165	125	18	4
50	165	125	18	4

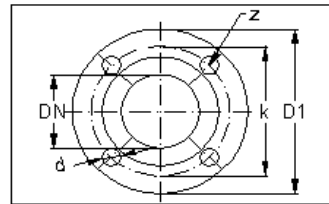
DIMENSIONS TABLE. INM 50-200 (3444 RPM) Main Part Codes

Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 50-200/ 2202	218	180M2	22	326	50	50	110	230	544	350	200	200	884	400	30	ML2c	A2.22	F5
INM 50-200/ 1852	213	160L2	18.5	325	50	50	110	230	528	350	200	200	868	400	30	ML2b	A2.22	F5
INM 50-200/ 1502	200	160M2	15	325	50	50	110	230	484	350	200	200	824	400	30	ML2b	A2.22	F5
INM 50-200/ 1102	185	160M2	11	325	50	50	110	230	484	350	200	200	824	400	30	ML2b	A2.22	F5
INM 50-200/ 752	167	132S2	7.5	324	50	50	110	205	375	300	200	200	690	400	30	ML2a	A2.22	F4
INM 50-200/ 552	152	132S2	5.5	324	50	50	110	205	375	300	200	200	690	400	30	ML2a	A2.22	F4

TECHNICAL DATA : INM 50-250 - 60 Hz - 2 Pole



Flange Dimensions



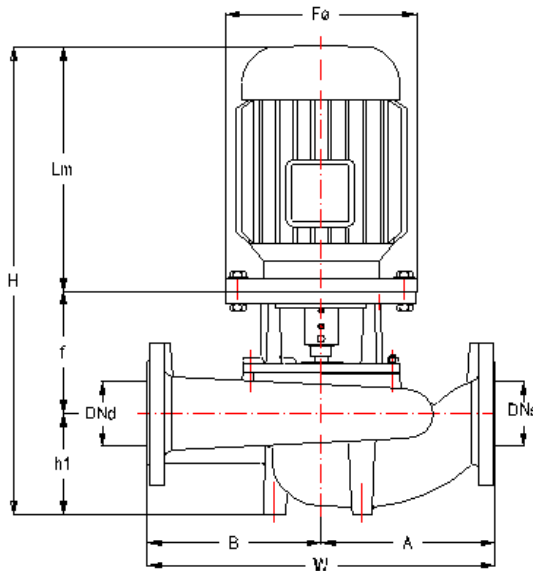
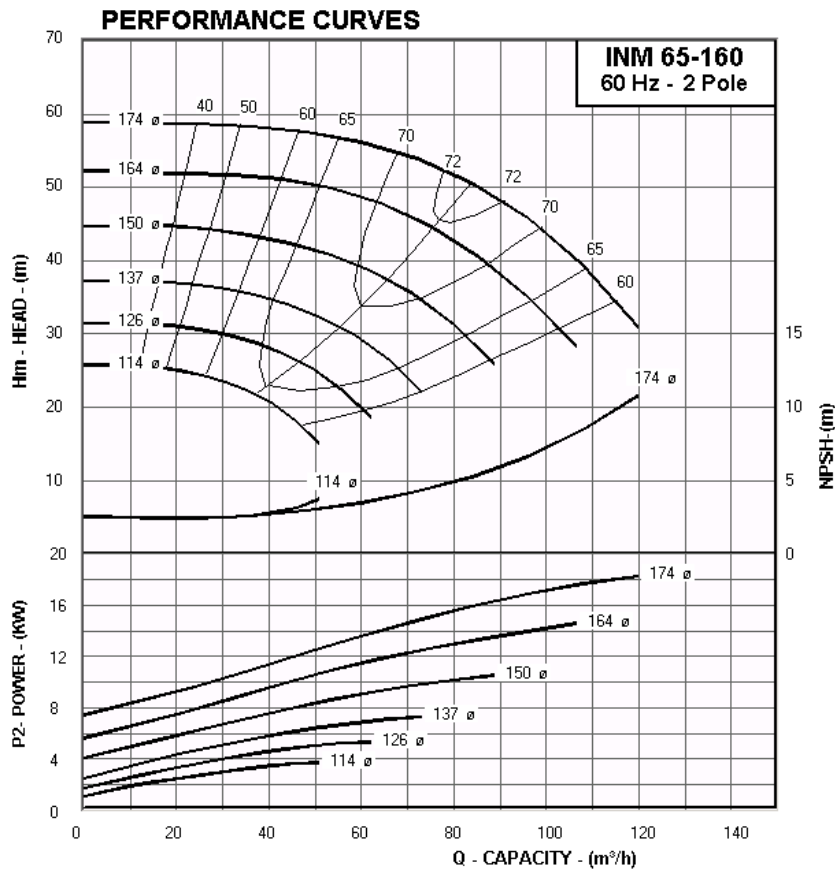
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
50	165	125	18	4
50	165	125	18	4

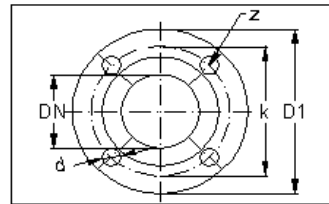
DIMENSIONS TABLE. INM 50-250 (3480 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 50-250/ 3702	256	200L2	37	427	50	50	115	260	637	400	215	225	1012	440	35	ML7+K6	A3.13	F6
INM 50-250/ 3002	243	200L2	30	427	50	50	115	260	637	400	215	225	1012	440	35	ML7+K6	A3.13	F6
INM 50-250/ 2202	225	180M2	22	426	50	50	115	230	544	350	215	225	889	440	30	ML2c	A3.12	F5
INM 50-250/ 1852	213	160L2	18.5	425	50	50	115	230	528	350	215	225	873	440	30	ML2b	A3.12	F5

TECHNICAL DATA : INM 65-160 - 60 Hz - 2 Pole



Flange Dimensions



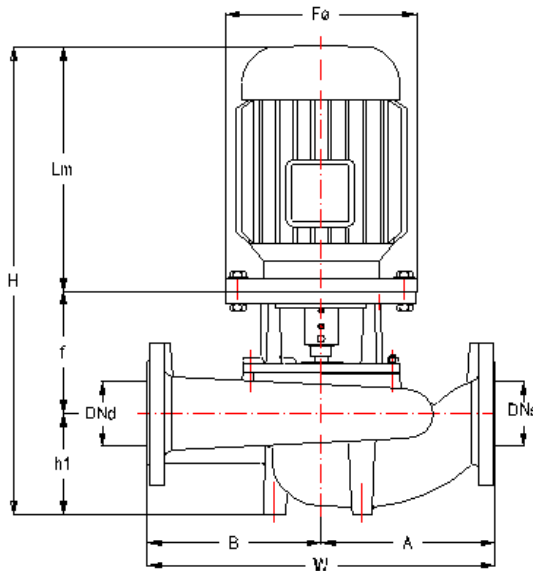
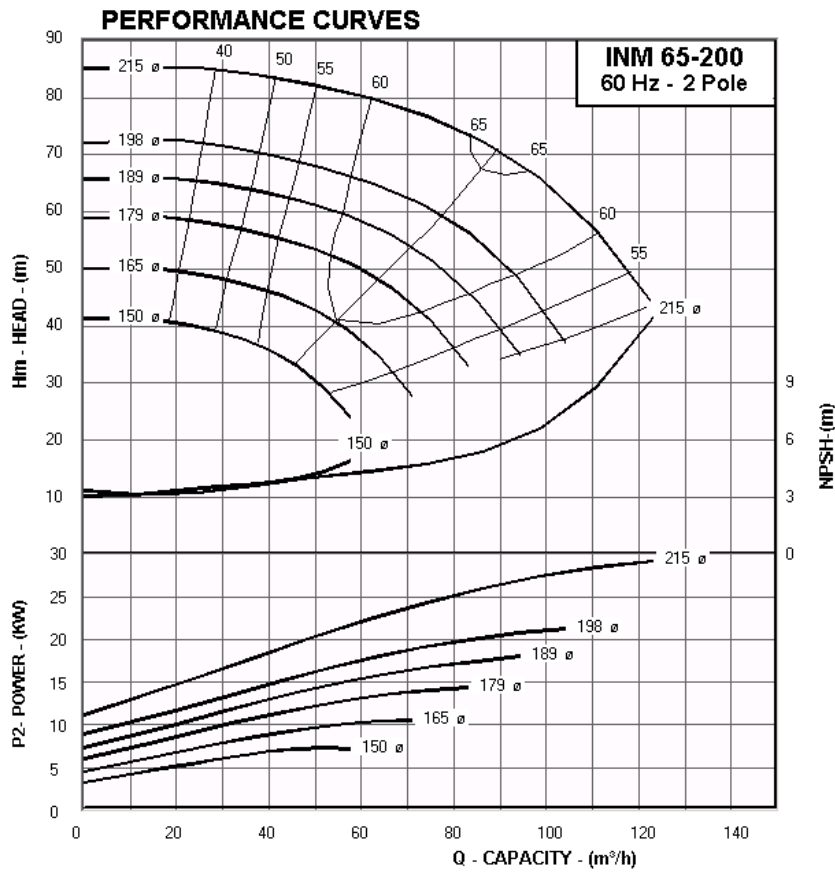
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
65	185	145	18	4
65	185	145	18	4

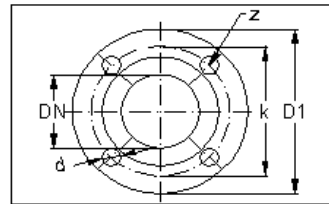
DIMENSIONS TABLE. INM 65-160 (3480 RPM) Main Part Codes

Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 65-160/ 1852	174	160L2	18.5	135	65	65	115	230	528	350	200	200	873	400	30	ML2b	A1.32	F 136
INM 65-160/ 1502	164	160M2	15	135	65	65	115	230	484	350	200	200	829	400	30	ML2b	A1.32	F 136
INM 65-160/ 1102	150	160M2	11	135	65	65	115	230	484	350	200	200	829	400	30	ML2b	A1.32	F 136
INM 65-160/ 752	137	132S2	7.5	134	65	65	115	200	375	300	200	200	690	400	30	ML2a	A1.12	F 2
INM 65-160/ 552	126	132S2	5.5	134	65	65	115	200	375	300	200	200	690	400	30	ML2a	A1.12	F 2
INM 65-160/ 402	114	112M2	4	133	65	65	115	180	324	250	200	200	619	400	20	ML1c	A1.11	F 1

TECHNICAL DATA : INM 65-200 - 60 Hz - 2 Pole



Flange Dimensions



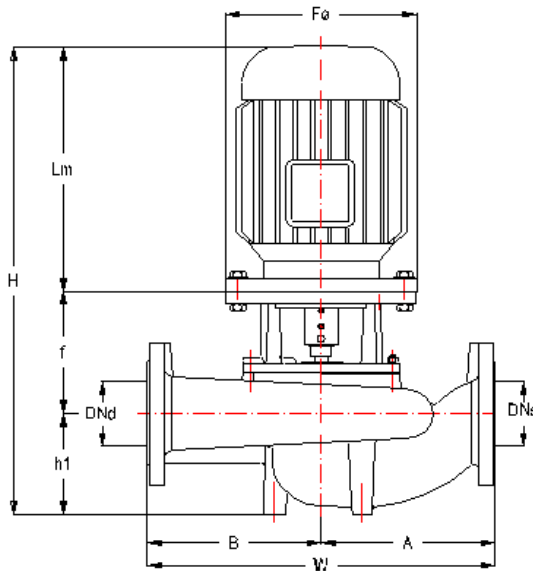
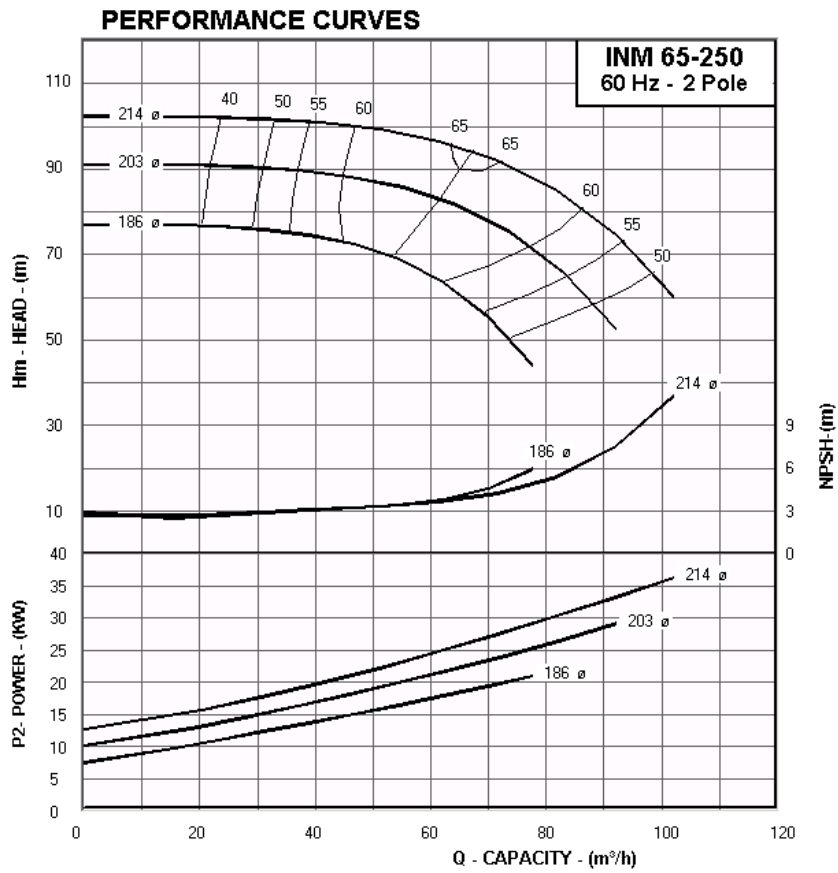
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
65	185	145	18	4
65	185	145	18	4

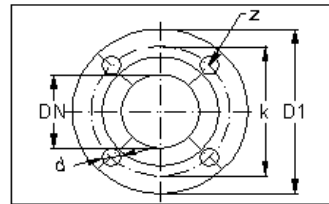
DIMENSIONS TABLE. INM 65-200 (3480 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 65-200/ 3002	215	200L2	30	337	65	65	115	45	637	400	230	230	797	460	35	ML7+K6	A2.23	F6
INM 65-200/ 2202	198	180M2	22	336	65	65	115	230	544	350	230	230	889	460	30	ML2c	A2.22	F5
INM 65-200/ 1852	189	160L2	18.5	335	65	65	115	230	528	350	230	230	873	460	30	ML2b	A2.22	F5
INM 65-200/ 1502	179	160M2	15	335	65	65	115	230	484	350	230	230	829	460	30	ML2b	A2.22	F5
INM 65-200/ 1102	165	160M2	11	335	65	65	115	230	484	350	230	230	829	460	30	ML2b	A2.22	F5
INM 65-200/ 752	150	132S2	7.5	334	65	65	115	205	375	300	230	230	695	460	30	ML2a	A2.22	F4

TECHNICAL DATA : INM 65-250 - 60 Hz - 2 Pole



Flange Dimensions



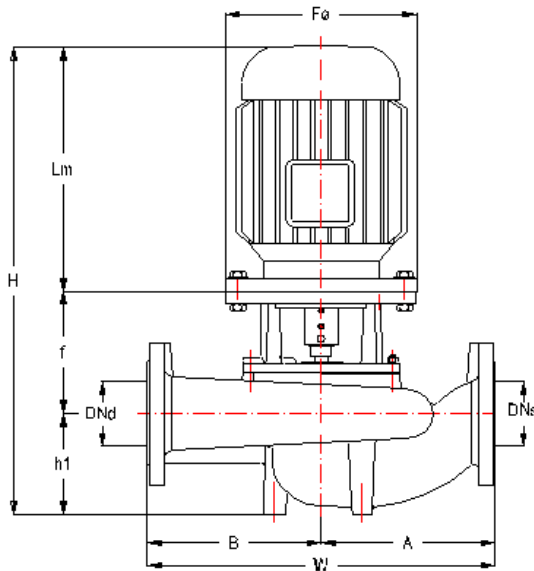
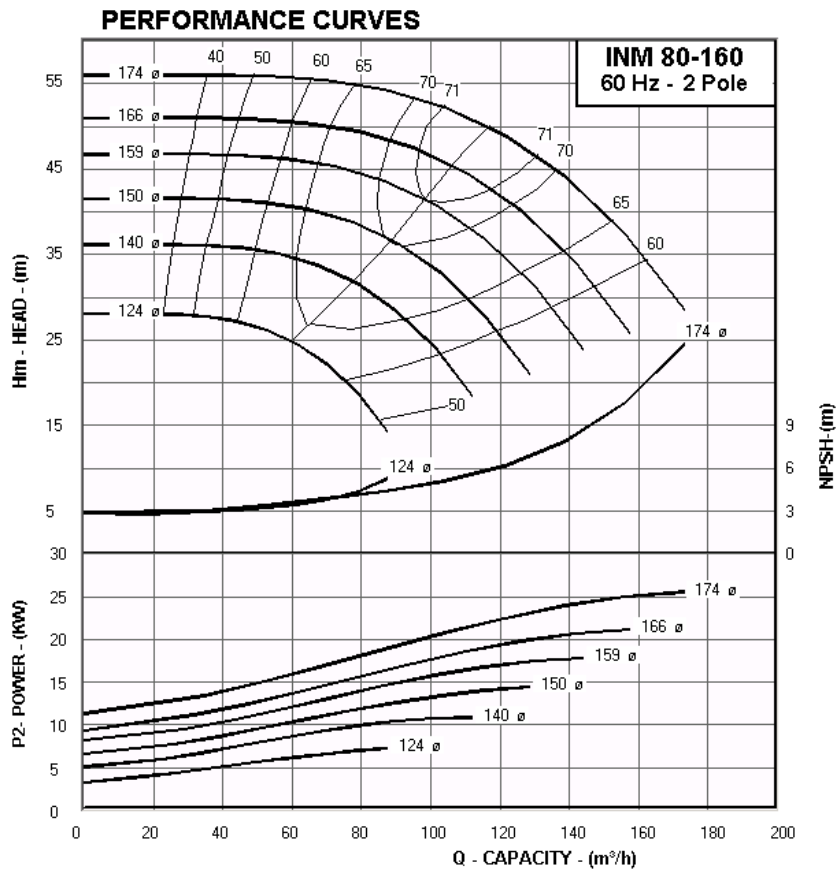
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
65	185	145	18	4
65	185	145	18	4

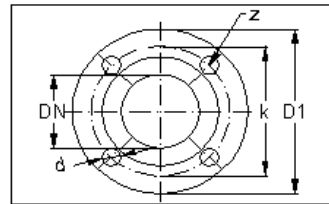
DIMENSIONS TABLE. INM 65-250 (3528 RPM) Main Part Codes

Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 65-250/ 3702	214	200L2	37	437	65	65	135	260	637	400	245	235	1032	480	35	ML7+K6	A3.13	F6
INM 65-250/ 3002	203	200L2	30	437	65	65	135	260	637	400	245	235	1032	480	35	ML7+K6	A3.13	F6
INM 65-250/ 2202	186	180M2	22	436	65	65	135	230	544	350	245	235	909	480	30	ML2c	A3.12	F5

TECHNICAL DATA : INM 80-160 - 60 Hz - 2 Pole



Flange Dimensions



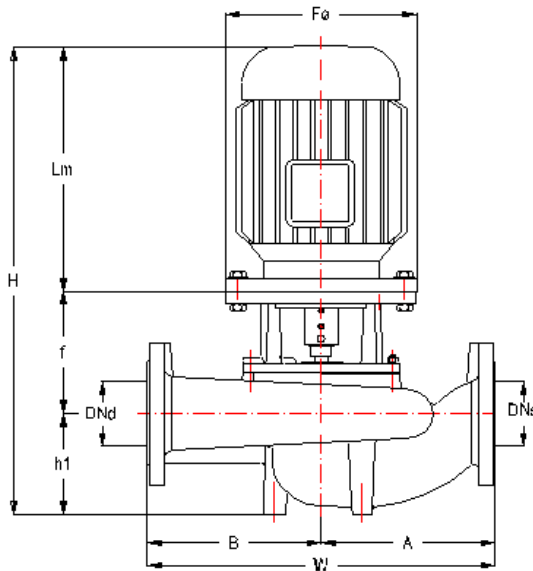
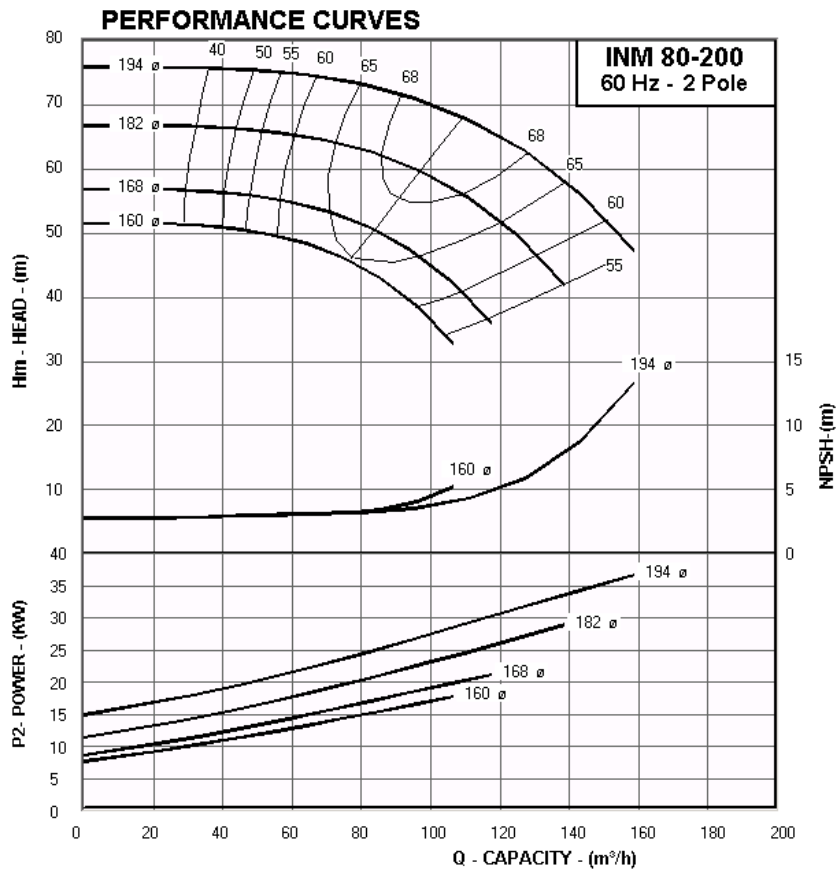
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
80	200	160	18	8
80	200	160	18	8

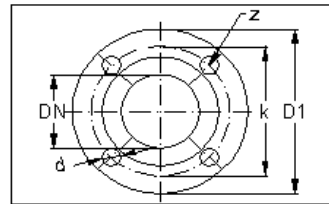
DIMENSIONS TABLE. INM 80-160 (3480 RPM) Main Part Codes

Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 80-160/ 3002	174	200L2	30	217	80	80	135	270	637	400	220	220	1042	440	35	ML7+K6	A1.32	F9
INM 80-160/ 2202	166	180M2	22	216	80	80	135	240	544	350	220	220	919	440	30	ML2c	A1.32	-
INM 80-160/ 1852	159	160L2	18.5	215	80	80	135	240	528	350	220	220	903	440	30	ML2b	A1.32	-
INM 80-160/ 1502	150	160M2	15	215	80	80	135	240	484	350	220	220	859	440	30	ML2b	A1.32	-
INM 80-160/ 1102	140	160M2	11	215	80	80	135	240	484	350	220	220	859	440	30	ML2b	A1.32	-
INM 80-160/ 752	124	132S2	7.5	214	80	80	135	210	375	300	220	220	720	440	30	ML2a	A1.22	F2

TECHNICAL DATA : INM 80-200 - 60 Hz - 2 Pole



Flange Dimensions



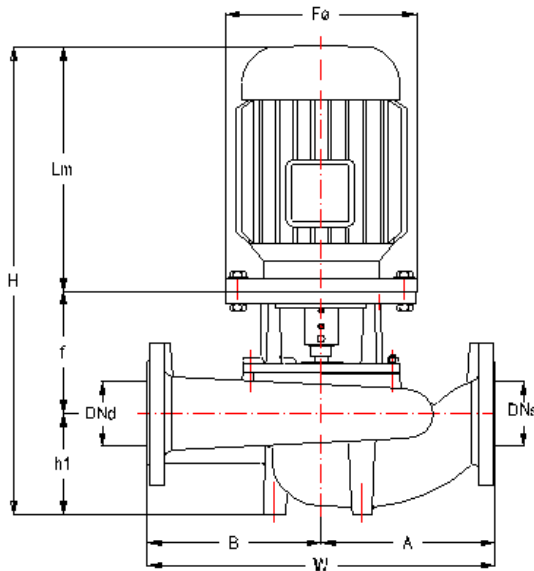
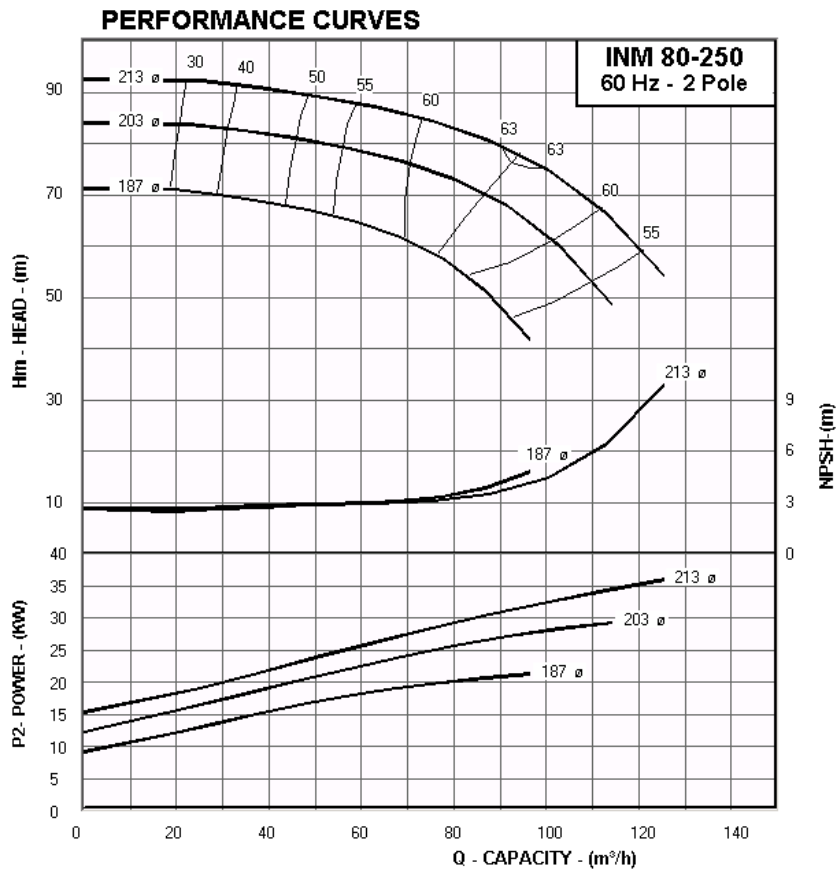
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
80	200	160	18	8
80	200	160	18	8

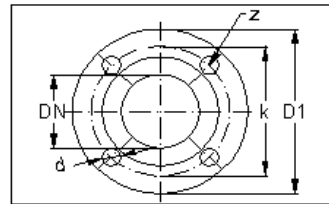
DIMENSIONS TABLE. INM 80-200 (3528 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 80-200/ 3702	194	200L2	37	347	80	80	140	260	637	400	250	250	1037	500	35	ML7+K6	A2.23	F6
INM 80-200/ 3002	182	200L2	30	347	80	80	140	260	637	400	250	250	1037	500	35	ML7+K6	A2.23	F6
INM 80-200/ 2202	168	180M2	22	346	80	80	140	230	544	350	250	250	914	500	30	ML2c	A2.22	F5
INM 80-200/ 1852	160	160L2	18.5	345	80	80	140	230	528	350	250	250	898	500	30	ML2b	A2.22	F5

TECHNICAL DATA : INM 80-250 - 60 Hz - 2 Pole



Flange Dimensions



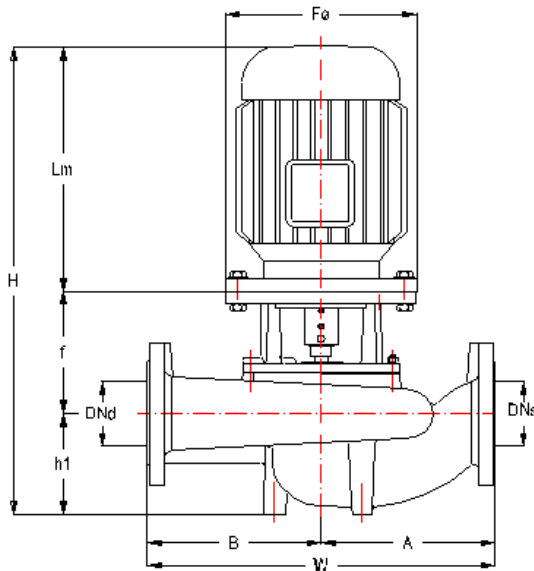
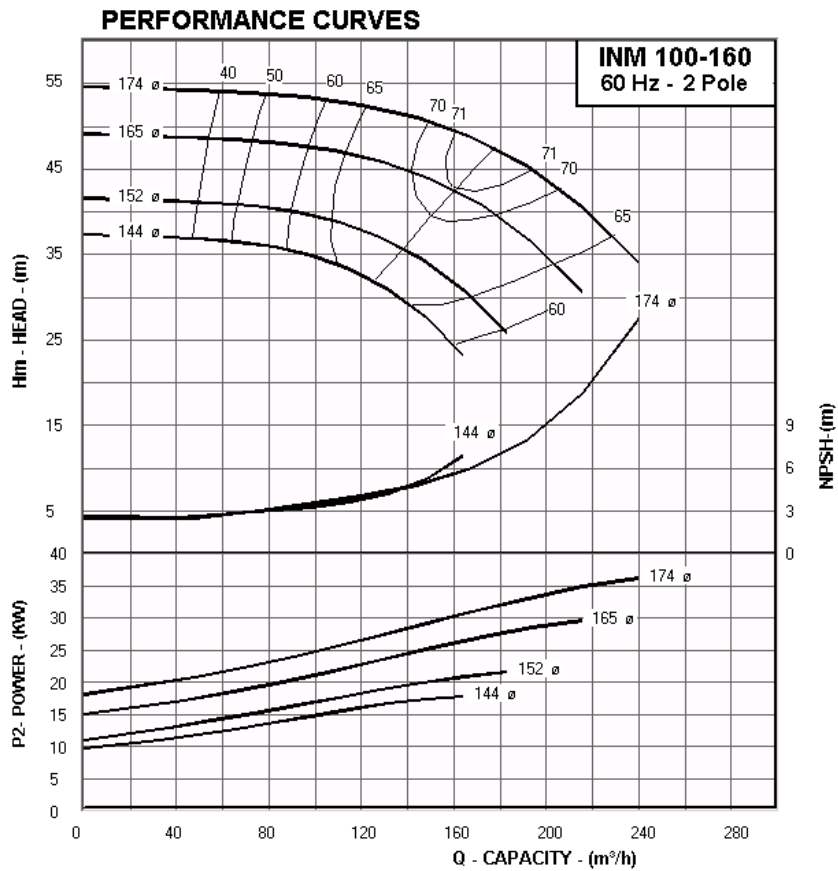
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
80	200	160	18	8
80	200	160	18	8

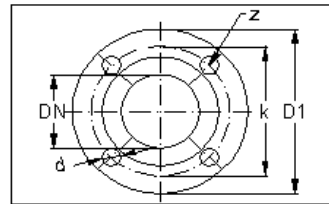
DIMENSIONS TABLE. INM 80-250 (3528 RPM) Main Part Codes

Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 80-250/ 3702	213	200L2	37	617	80	80	145	270	637	400	270	280	1052	550	35	ML8 + K6	B2.13	F8
INM 80-250/ 3002	203	200L2	30	617	80	80	145	270	637	400	270	280	1052	550	35	ML8 + K6	B2.13	F8
INM 80-250/ 2202	187	180M2	22	616	80	80	145	240	544	350	270	280	929	550	30	ML4c	B2.12	F7

TECHNICAL DATA : INM 100-160 - 60 Hz - 2 Pole



Flange Dimensions



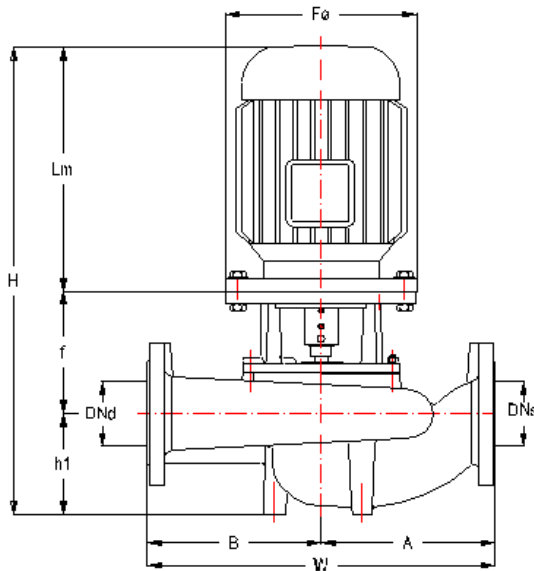
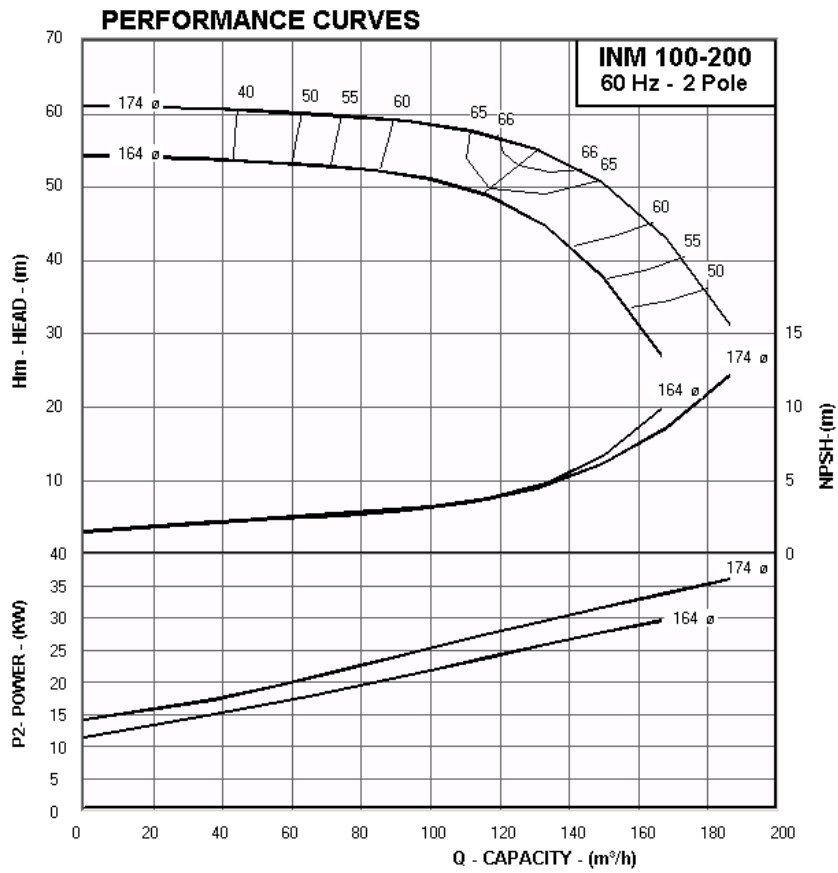
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
100	220	180	18	8
100	220	180	18	8

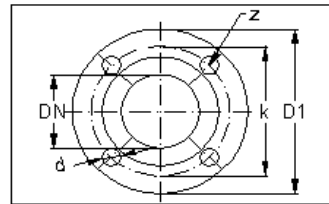
DIMENSIONS TABLE. INM 100-160 (3528 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 100-160/ 3702	174	200L2	37	227	100	100	155	270	637	400	250	250	1062	500	35	ML7+K6	A1.32	F9
INM 100-160/ 3002	165	200L2	30	227	100	100	155	270	637	400	250	250	1062	500	35	ML7+K6	A1.32	F9
INM 100-160/ 2202	152	180M2	22	226	100	100	155	240	544	350	250	250	939	500	30	ML2c	A1.32	-
INM 100-160/ 1852	144	160L2	18.5	225	100	100	155	240	528	350	250	250	923	500	30	ML2b	A1.32	-

TECHNICAL DATA : INM 100-200 - 60 Hz - 2 Pole



Flange Dimensions



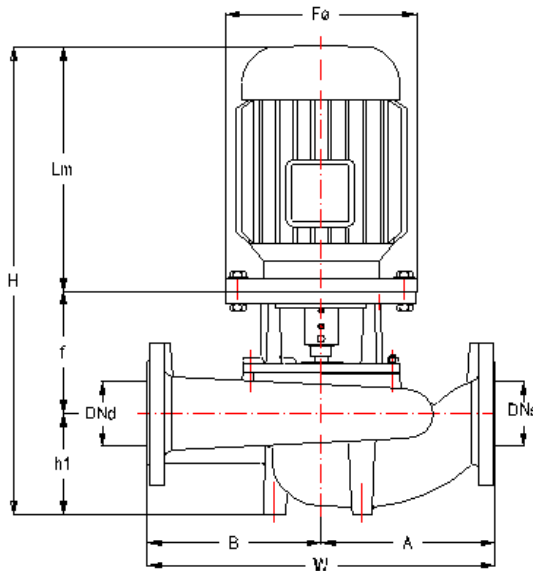
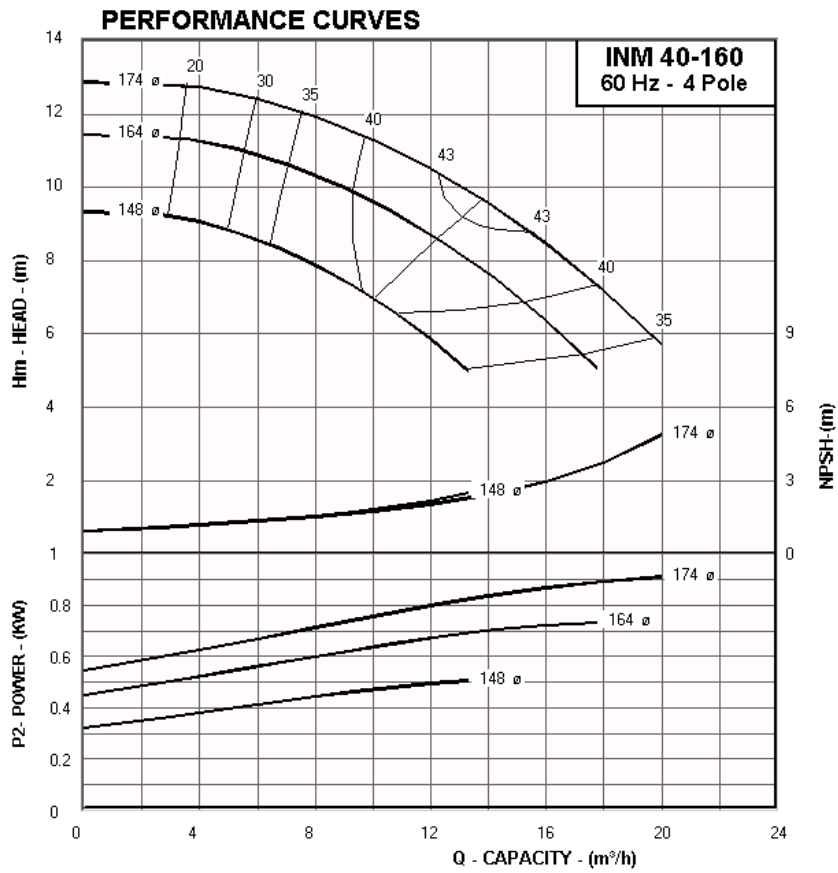
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
100	220	180	18	8
100	220	180	18	8

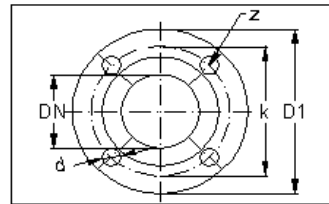
DIMENSIONS TABLE. INM 100-200 (3480 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 100-200/ 3702	174	200L2	37	517	100	100	180	270	637	400	275	275	1087	550	35	ML8 + K6	B1.13	F6
INM 100-200/ 3002	164	200L2	30	517	100	100	180	270	637	400	275	275	1087	550	35	ML8 + K6	B1.13	F6

TECHNICAL DATA : INM 40-160 - 60 Hz - 4 Pole



Flange Dimensions



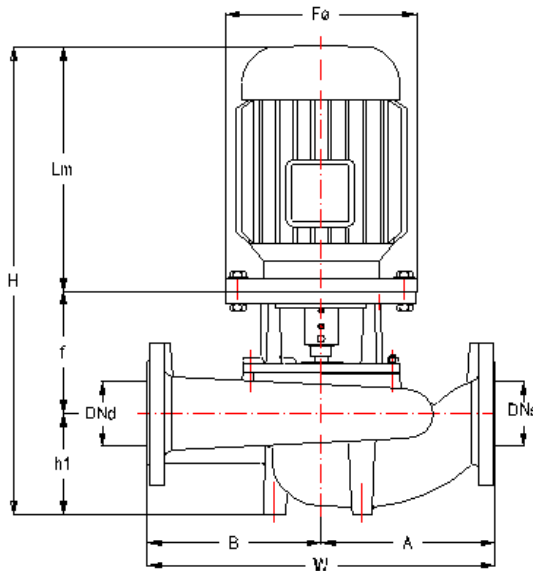
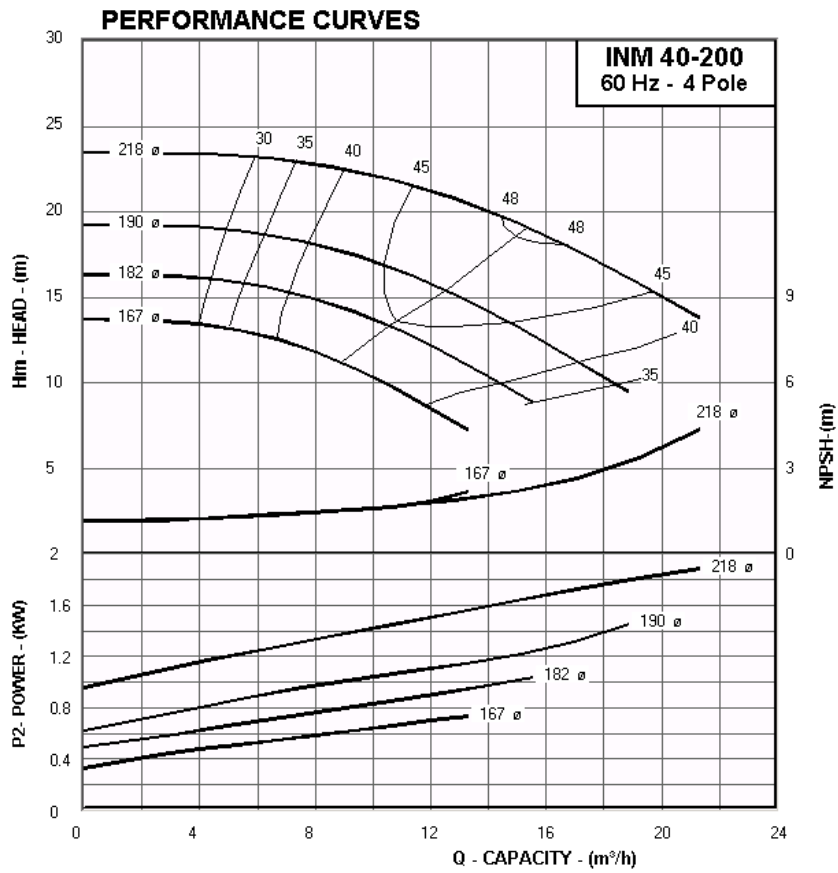
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
40	150	110	18	4
40	150	110	18	4

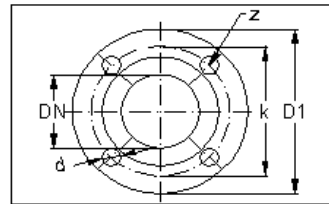
DIMENSIONS TABLE. INM 40-160 (1668 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 40-160/ 114	174	90S 4	1.1	112	40	40	80	160	250	200	160	160	490	320	20	ML1b	A1.11	-
INM 40-160/ 114	164	90S 4	1.1	112	40	40	80	160	250	200	160	160	490	320	20	ML1b	A1.11	-
INM 40-160/ 074	148	80 4b	0.75	111	40	40	80	160	233	200	160	160	473	320	20	ML1a	A1.11	-

TECHNICAL DATA : INM 40-200 - 60 Hz - 4 Pole



Flange Dimensions



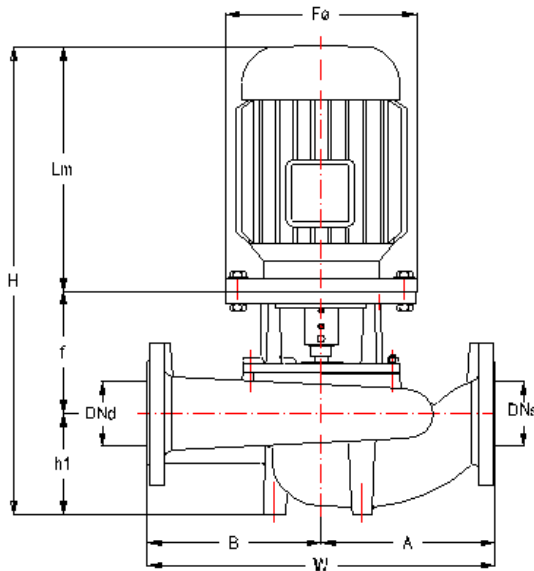
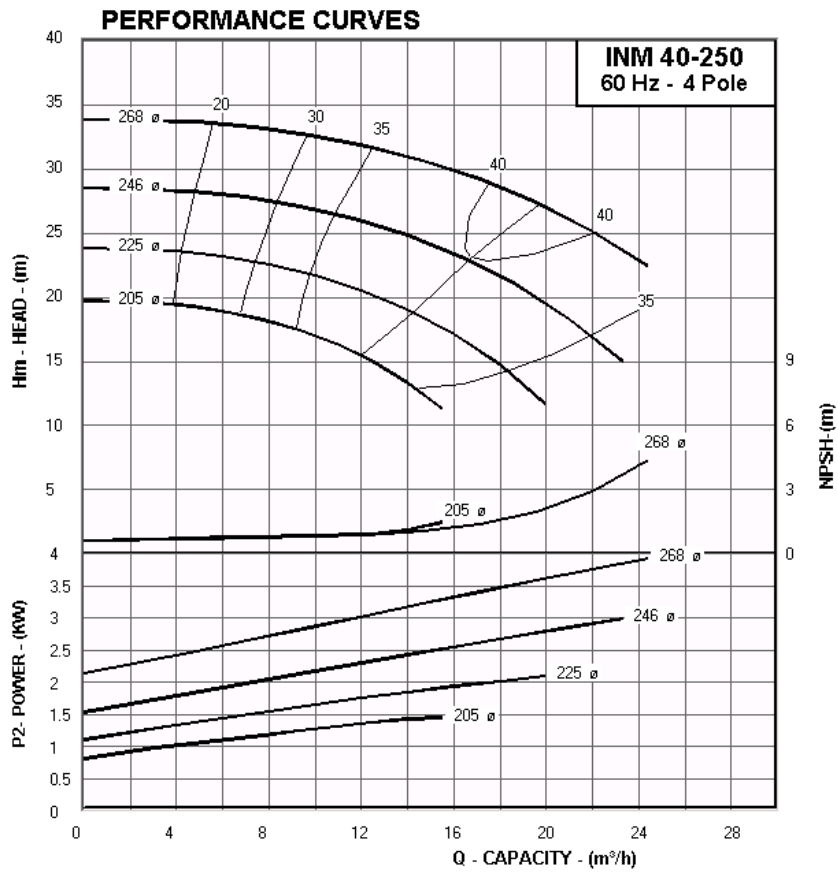
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
40	150	110	18	4
40	150	110	18	4

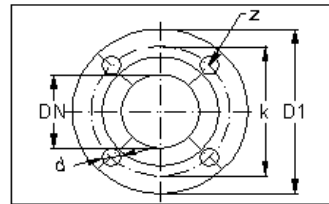
DIMENSIONS TABLE. INM 40-200 (1668 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 40-200/ 224	218	100L4	2.2	313	40	40	95	180	305	250	190	190	580	380	20	ML1c	A2.21	-
INM 40-200/ 154	190	90L 4	1.5	312	40	40	95	160	275	200	190	190	530	380	20	ML1b	A2.11	-
INM 40-200/ 114	182	90S 4	1.1	312	40	40	95	160	250	200	190	190	505	380	20	ML1b	A2.11	-
INM 40-200/ 074	167	80 4b	0.75	311	40	40	95	160	233	200	190	190	488	380	20	ML1a	A2.11	-

TECHNICAL DATA : INM 40-250 - 60 Hz - 4 Pole



Flange Dimensions

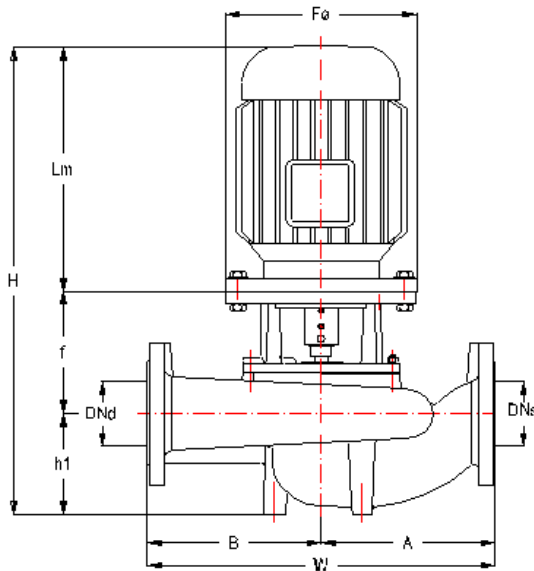
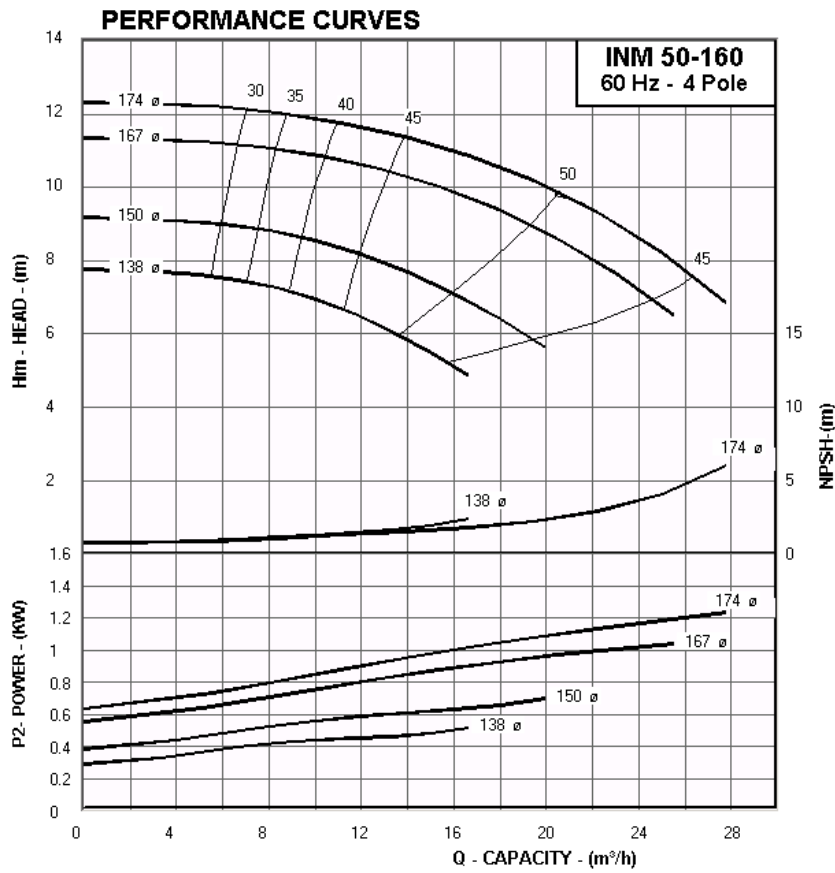


EN 1092-2 PN 16				
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
40	150	110	18	4
40	150	110	18	4

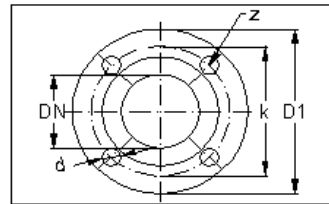
DIMENSIONS TABLE. INM 40-250 (1680 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 40-250/ 404	268	112M4	4	413	40	40	100	190	324	250	215	225	614	440	20	ML1c	A3.11	-
INM 40-250/ 304	246	100L4	3	413	40	40	100	190	305	250	215	225	595	440	20	ML1c	A3.11	-
INM 40-250/ 224	225	100L4	2.2	413	40	40	100	190	305	250	215	225	595	440	20	ML1c	A3.11	-
INM 40-250/ 154	205	90L 4	1.5	412	40	40	100	170	275	200	215	225	545	440	20	ML1b	A3.0A	-

TECHNICAL DATA : INM 50-160 - 60 Hz - 4 Pole



Flange Dimensions



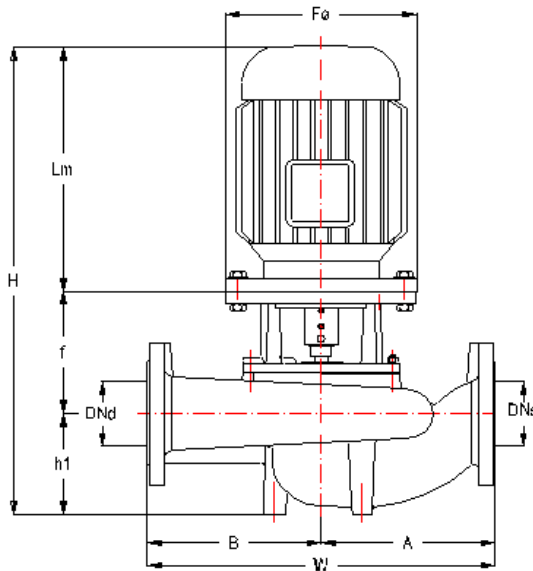
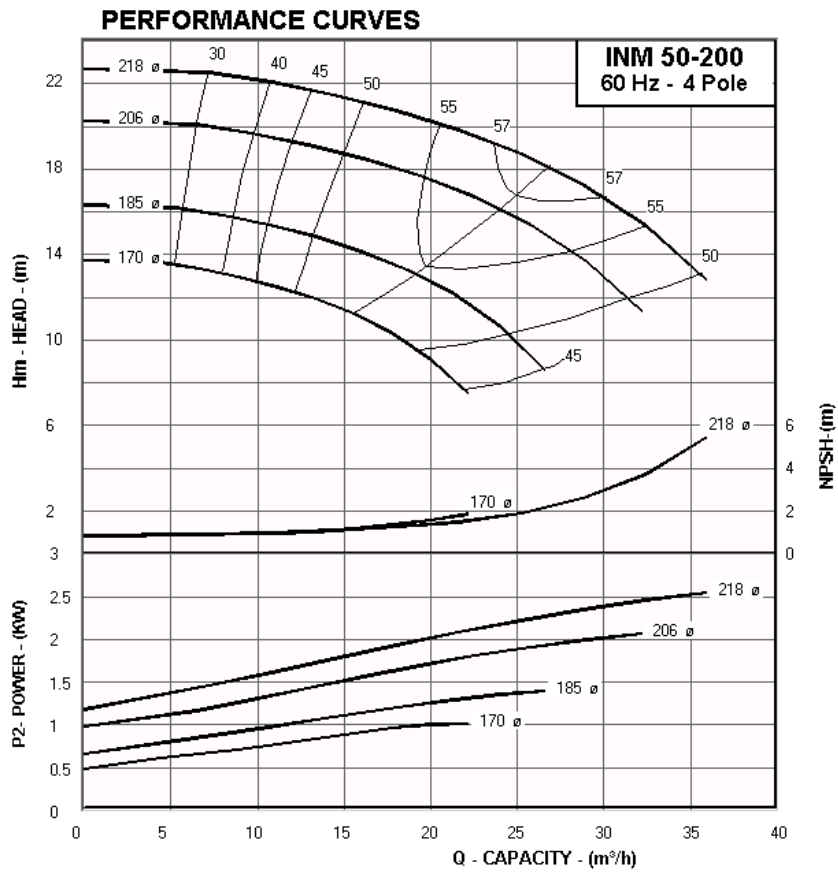
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
50	165	125	18	4
50	165	125	18	4

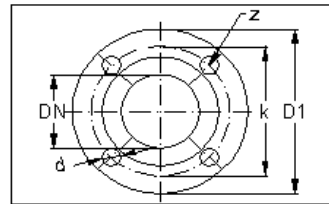
DIMENSIONS TABLE. INM 50-160 (1668 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 50-160/ 154	174	90L 4	1.5	122	50	50	100	160	275	200	180	180	535	360	20	ML1b	A1.11	-
INM 50-160/ 114	167	90S 4	1.1	122	50	50	100	160	250	200	180	180	510	360	20	ML1b	A1.11	-
INM 50-160/ 074	150	80 4b	0.75	121	50	50	100	160	233	200	180	180	493	360	20	ML1a	A1.11	-
INM 50-160/ 054	138	80 4a	0.55	121	50	50	100	160	233	200	180	180	493	360	20	ML1a	A1.11	-

TECHNICAL DATA : INM 50-200 - 60 Hz - 4 Pole



Flange Dimensions



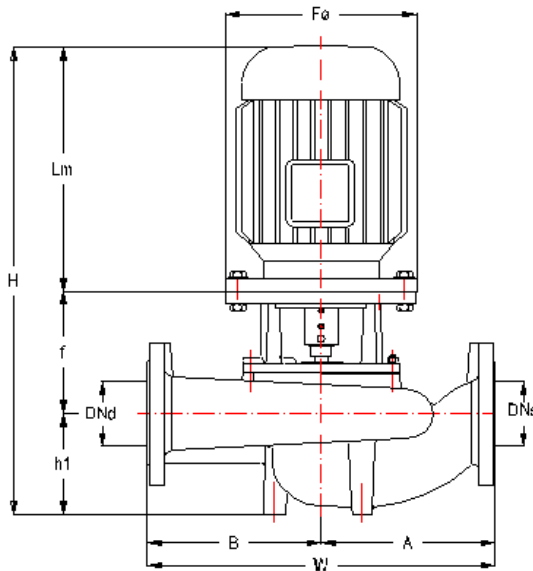
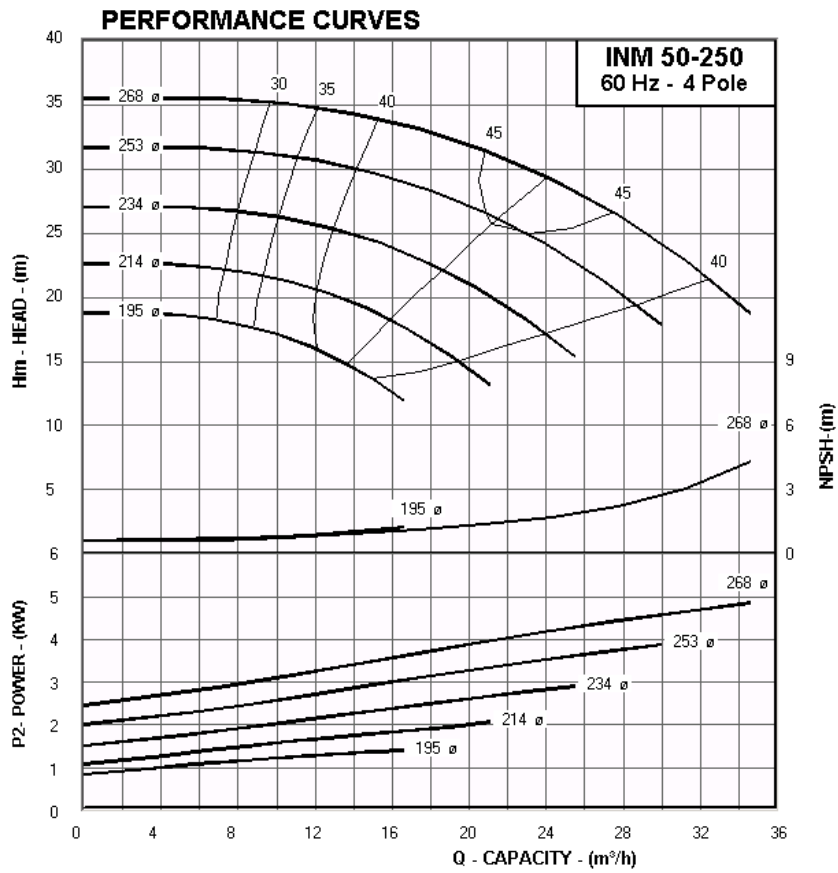
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
50	165	125	18	4
50	165	125	18	4

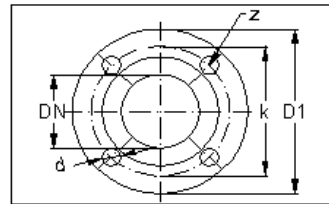
DIMENSIONS TABLE. INM 50-200 (1704 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 50-200/ 304	218	100L4	3	323	50	50	110	180	305	250	200	200	595	400	20	ML1c	A2.21	-
INM 50-200/ 224	206	100L4	2.2	323	50	50	110	180	305	250	200	200	595	400	20	ML1c	A2.21	-
INM 50-200/ 154	185	90L 4	1.5	322	50	50	110	160	275	200	200	200	545	400	20	ML1b	A2.11	-
INM 50-200/ 114	170	90S 4	1.1	322	50	50	110	160	250	200	200	200	520	400	20	ML1b	A2.11	-

TECHNICAL DATA : INM 50-250 - 60 Hz - 4 Pole



Flange Dimensions



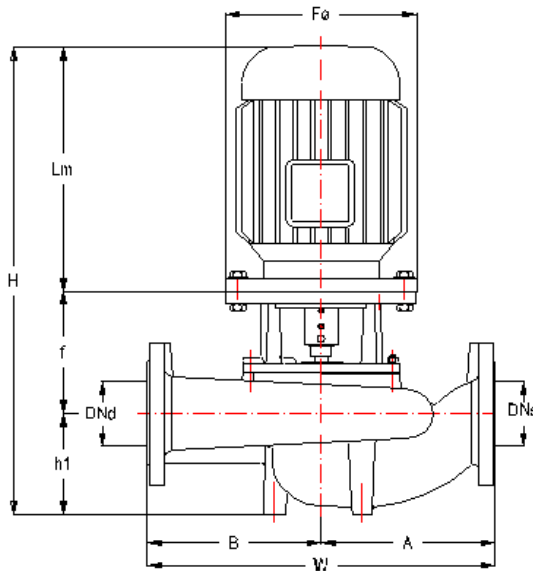
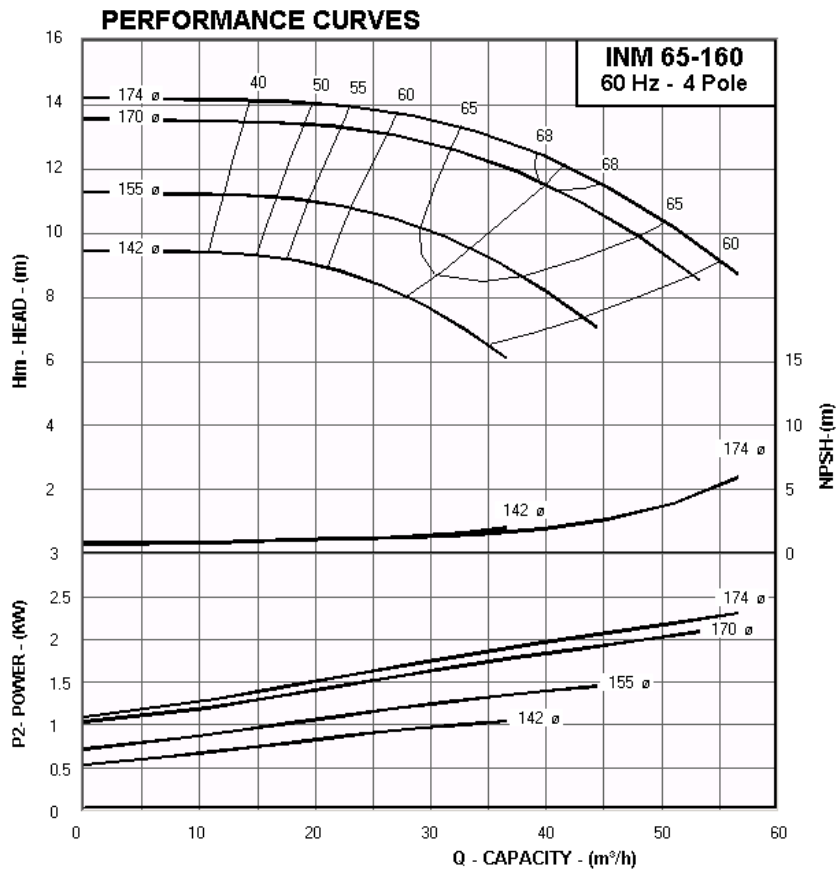
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
50	165	125	18	4
40	150	110	18	4

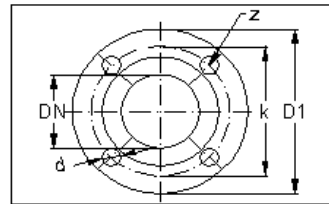
DIMENSIONS TABLE. INM 50-250 (1716 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 50-250/ 554	268	132S4	5.5	424	50	40	115	205	375	300	215	225	695	440	30	ML2a	A3.12	F4
INM 50-250/ 404	253	112M4	4	423	50	40	115	180	324	250	215	225	619	440	20	ML1c	A3.11	-
INM 50-250/ 304	234	100L4	3	423	50	40	115	180	305	250	215	225	600	440	20	ML1c	A3.11	-
INM 50-250/ 224	214	100L4	2.2	423	50	40	115	180	305	250	215	225	600	440	20	ML1c	A3.11	-
INM 50-250/ 154	195	90L 4	1.5	422	50	40	115	160	275	200	215	225	550	440	20	ML1b	A3.08	-

TECHNICAL DATA : INM 65-160 - 60 Hz - 4 Pole



Flange Dimensions



EN 1092-2 PN 16

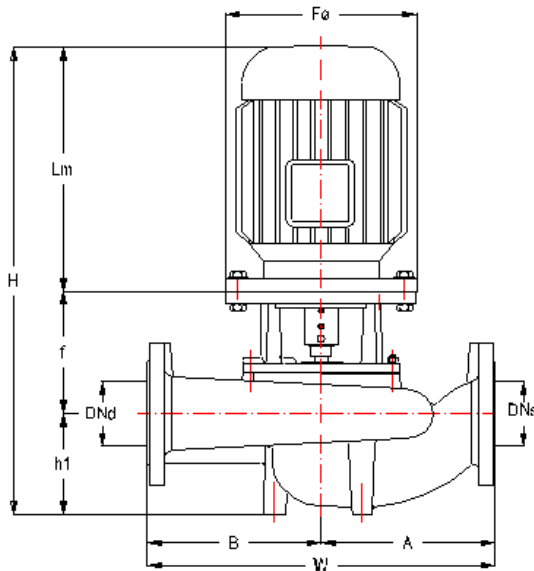
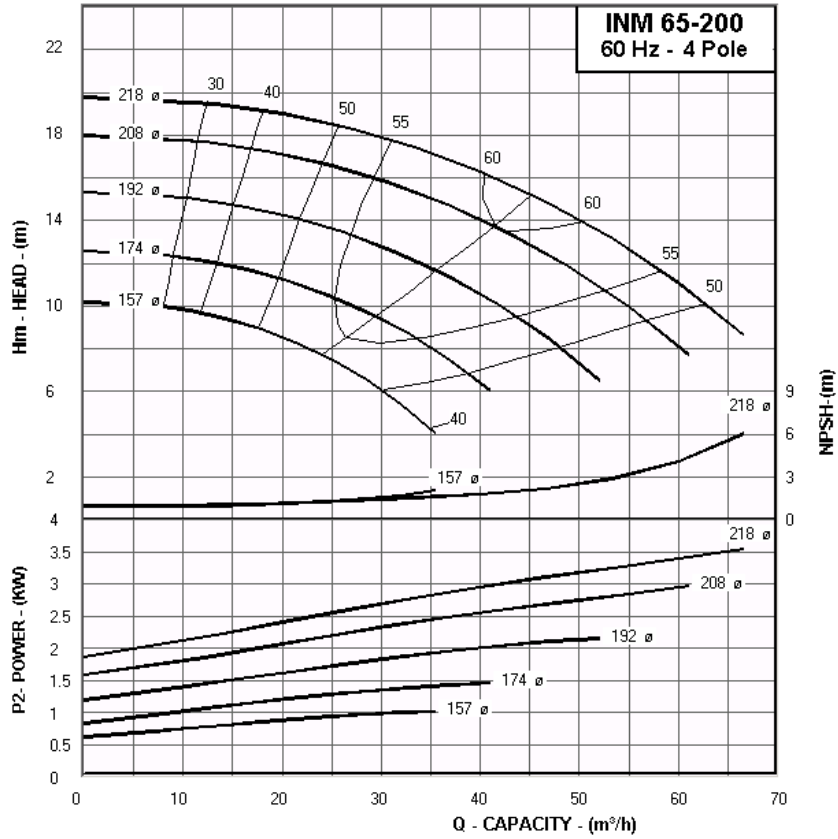
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
65	185	145	18	4
65	185	145	18	4

DIMENSIONS TABLE. INM 65-160 (1680 RPM) Main Part Codes

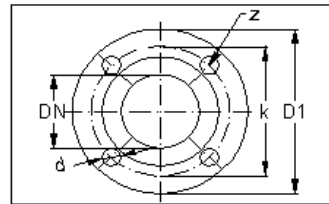
Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 65-160/ 304	174	100L4	3	133	65	65	115	180	305	250	200	200	600	400	20	ML1c	A1.11	F 1
INM 65-160/ 224	170	100L4	2.2	133	65	65	115	180	305	250	200	200	600	400	20	ML1c	A1.11	F 1
INM 65-160/ 154	155	90L 4	1.5	132	65	65	115	160	275	200	200	200	550	400	20	ML1b	A1.11	-
INM 65-160/ 114	142	90S 4	1.1	132	65	65	115	160	250	200	200	200	525	400	20	ML1b	A1.11	-

TECHNICAL DATA : INM 65-200 - 60 Hz - 4 Pole

PERFORMANCE CURVES



Flange Dimensions



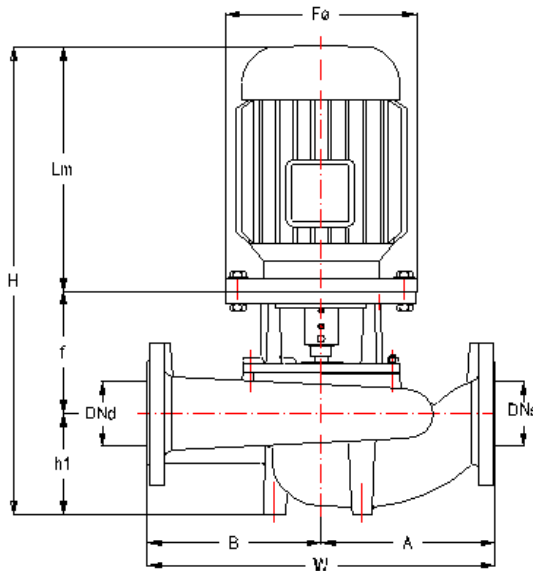
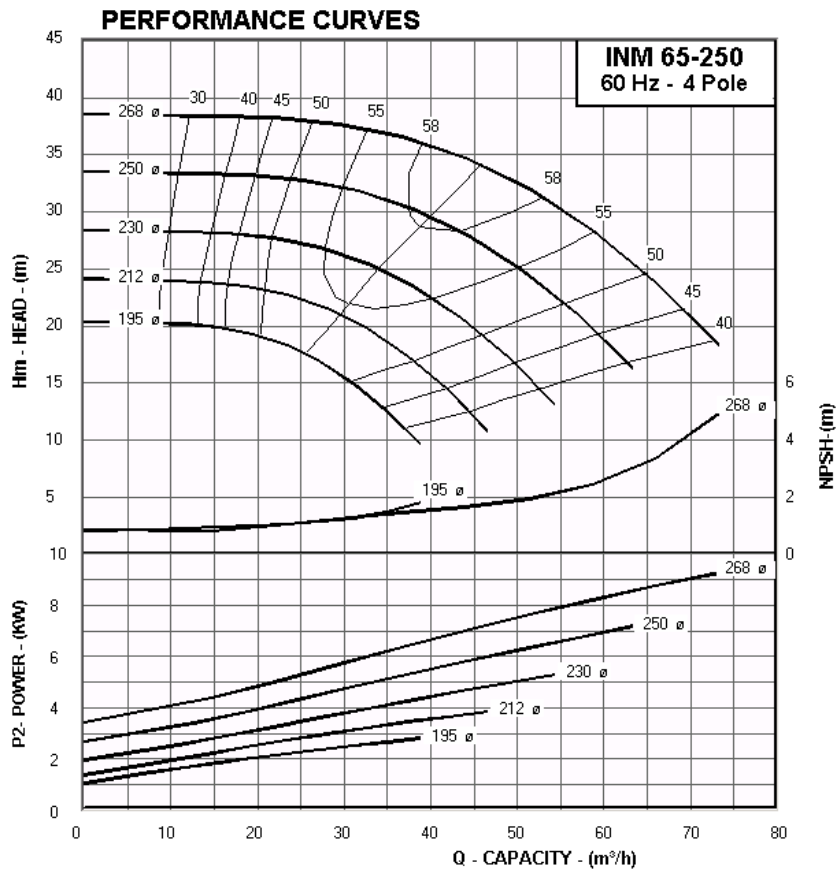
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
65	185	145	18	4
65	185	145	18	4

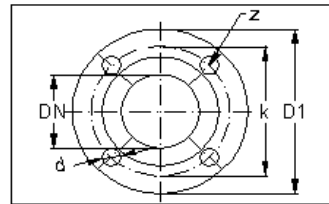
DIMENSIONS TABLE. INM 65-200 (1704 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 65-200/ 404	218	112M4	4	333	65	65	115	180	324	250	230	230	619	460	20	ML1c	A2.21	-
INM 65-200/ 304	208	100L4	3	333	65	65	115	180	305	250	230	230	600	460	20	ML1c	A2.21	-
INM 65-200/ 224	192	100L4	2.2	333	65	65	115	180	305	250	230	230	600	460	20	ML1c	A2.21	-
INM 65-200/ 154	174	90L 4	1.5	332	65	65	115	160	275	200	230	230	550	460	20	ML1b	A2.11	-
INM 65-200/ 114	157	90S 4	1.1	332	65	65	115	160	250	200	230	230	525	460	20	ML1b	A2.11	-

TECHNICAL DATA : INM 65-250 - 60 Hz - 4 Pole



Flange Dimensions



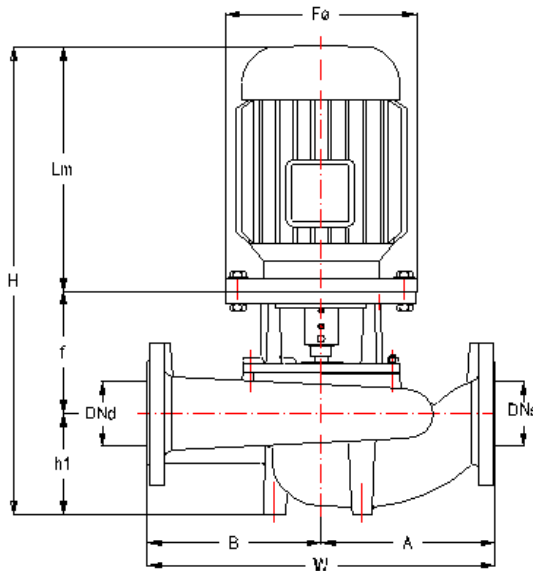
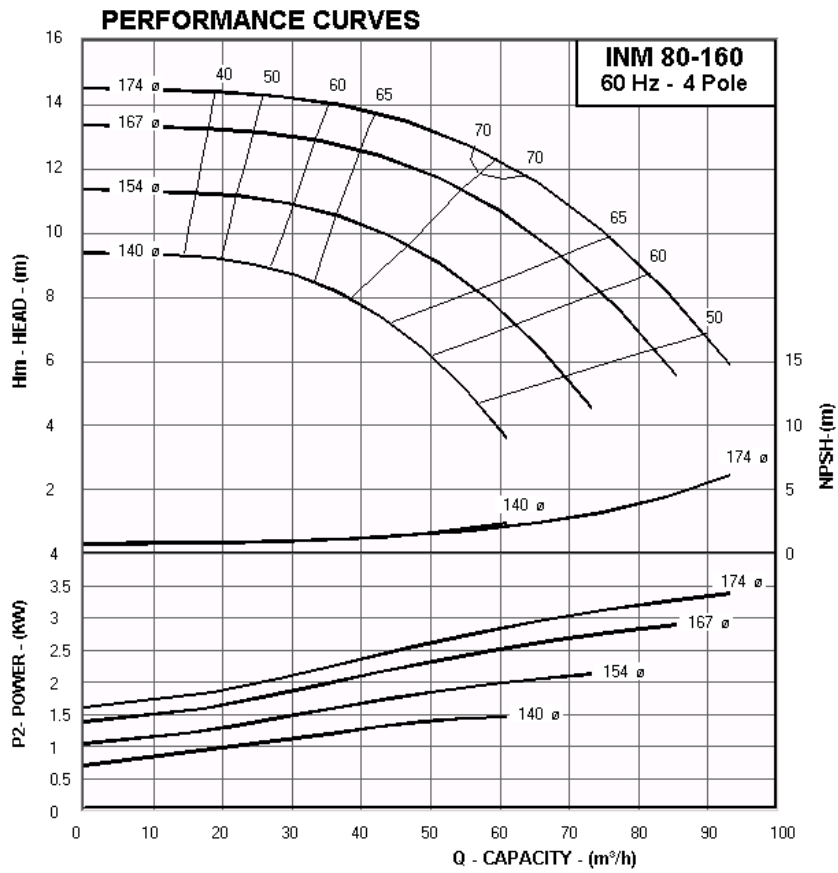
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
65	185	145	18	4
65	185	145	18	4

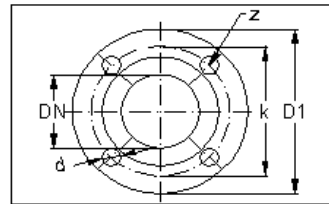
DIMENSIONS TABLE. INM 65-250 (1740 RPM) Main Part Codes

Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 65-250/ 1104	268	160M4	11	435	65	65	135	230	484	350	245	235	849	480	30	ML2b	A3.12	F5
INM 65-250/ 754	250	132M4	7.5	434	65	65	135	205	413	300	245	235	753	480	30	ML2a	A3.12	F4
INM 65-250/ 554	230	132S4	5.5	434	65	65	135	205	375	300	245	235	715	480	30	ML2a	A3.12	F4
INM 65-250/ 404	212	112M4	4	433	65	65	135	180	324	250	245	235	639	480	20	ML1c	A3.11	-
INM 65-250/ 304	195	100L4	3	433	65	65	135	180	305	250	245	235	620	480	20	ML1c	A3.11	-

TECHNICAL DATA : INM 80-160 - 60 Hz - 4 Pole



Flange Dimensions



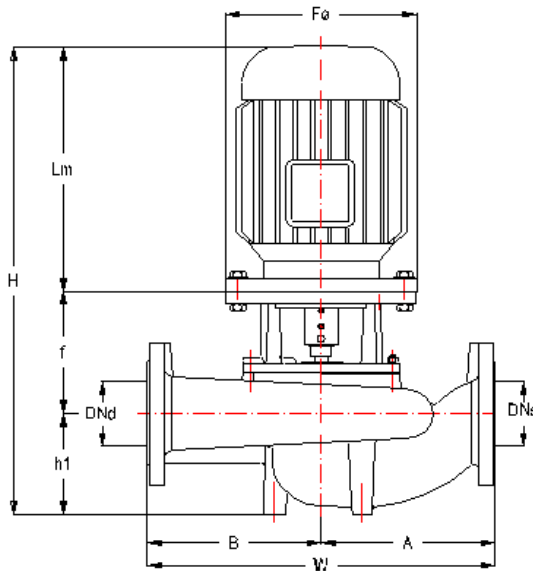
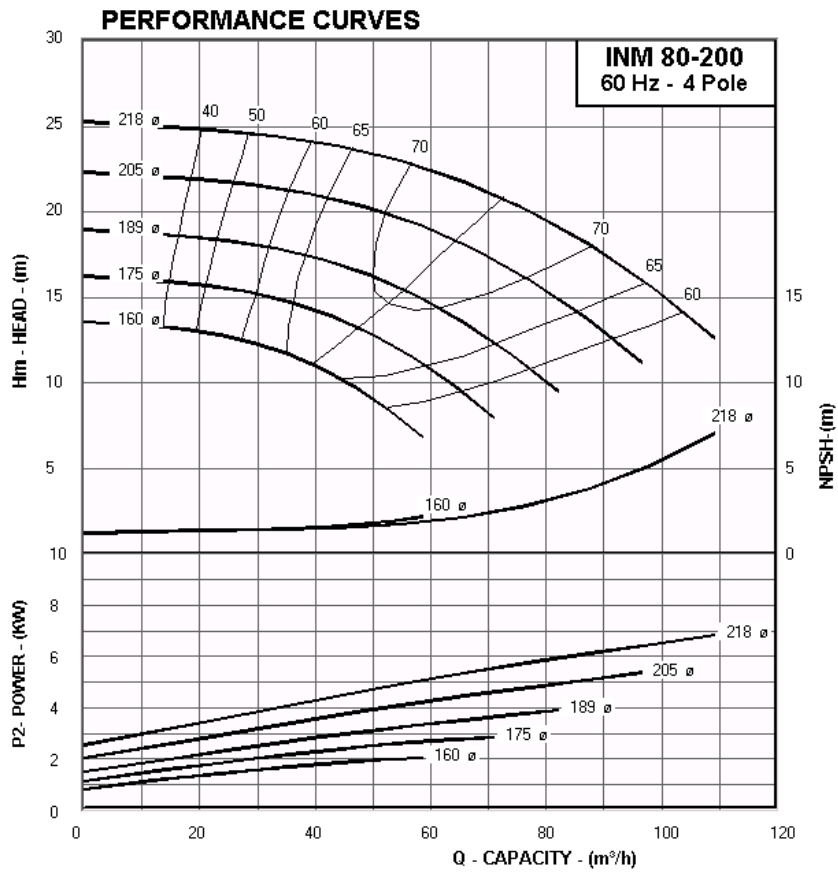
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
80	200	160	18	8
80	200	160	18	8

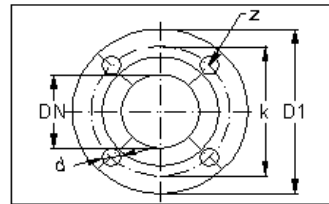
DIMENSIONS TABLE. INM 80-160 (1704 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 80-160/ 404	174	112M4	4	213	80	80	135	190	324	250	220	220	649	440	20	ML1c	A1.21	F 1
INM 80-160/ 304	167	100L4	3	213	80	80	135	190	305	250	220	220	630	440	20	ML1c	A1.21	F 1
INM 80-160/ 224	154	100L4	2.2	213	80	80	135	190	305	250	220	220	630	440	20	ML1c	A1.21	F 1
INM 80-160/ 154	140	90L 4	1.5	212	80	80	135	170	275	200	220	220	580	440	20	ML1b	A1.21	-

TECHNICAL DATA : INM 80-200 - 60 Hz - 4 Pole



Flange Dimensions



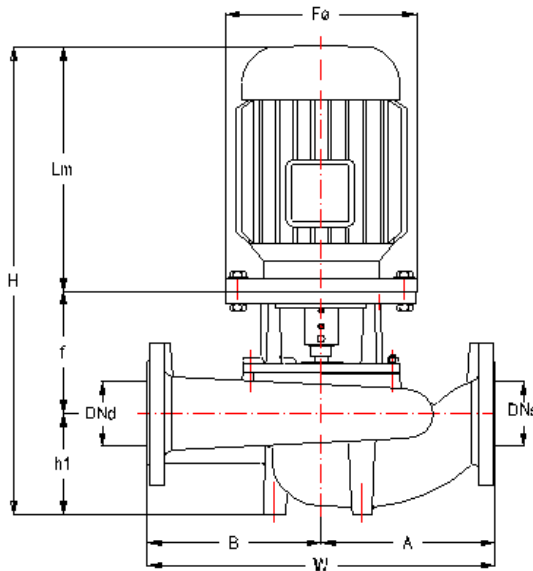
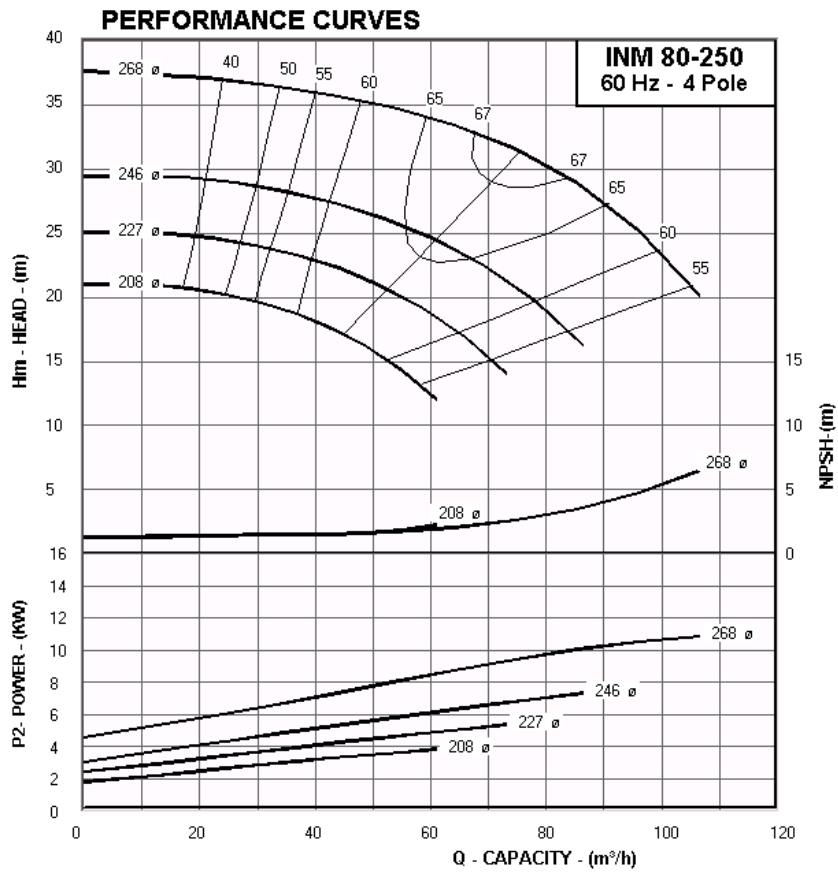
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
80	200	160	18	8
80	200	160	18	8

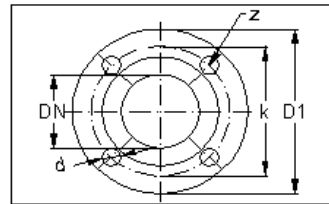
DIMENSIONS TABLE. INM 80-200 (1728 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 80-200/ 754	218	132M4	7.5	344	80	80	140	205	413	300	250	250	758	500	30	ML2a	A2.22	F4
INM 80-200/ 554	205	132S4	5.5	344	80	80	140	205	375	300	250	250	720	500	30	ML2a	A2.22	F4
INM 80-200/ 404	189	112M4	4	343	80	80	140	205	324	250	250	250	669	500	20	ML1c	A2.21	-
INM 80-200/ 304	175	100L4	3	343	80	80	140	205	305	250	250	250	650	500	20	ML1c	A2.21	-
INM 80-200/ 224	160	100L4	2.2	343	80	80	140	205	305	250	250	250	650	500	20	ML1c	A2.21	-

TECHNICAL DATA : INM 80-250 - 60 Hz - 4 Pole



Flange Dimensions



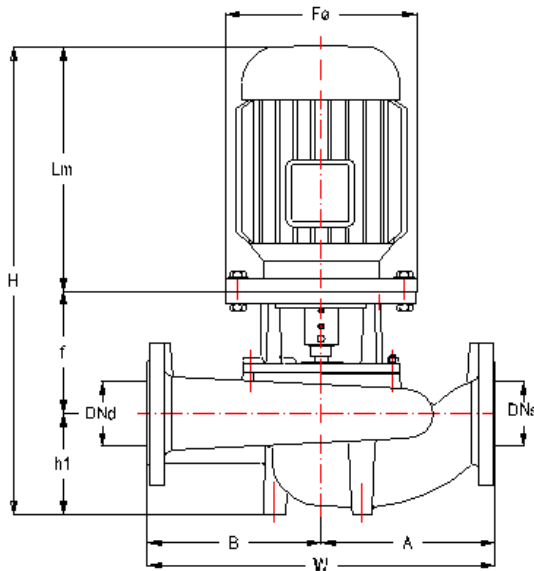
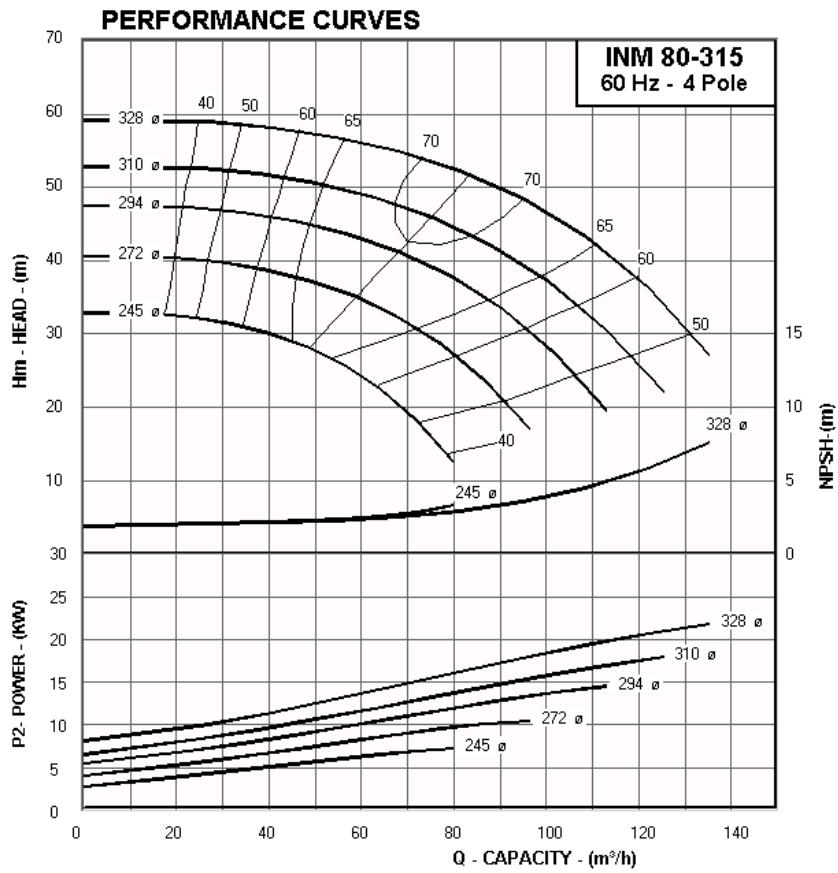
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
80	200	160	18	8
80	200	160	18	8

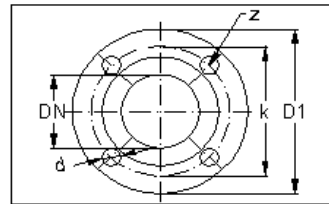
DIMENSIONS TABLE. INM 80-250 (1740 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 80-250/ 1104	268	160M4	11	615	80	80	145	240	484	350	270	280	869	550	30	ML4b	B2.12	F7
INM 80-250/ 754	246	132M4	7.5	614	80	80	145	215	413	300	270	280	773	550	30	ML4a	B2.12	-
INM 80-250/ 554	227	132S4	5.5	614	80	80	145	215	375	300	270	280	735	550	30	ML4a	B2.12	-
INM 80-250/ 404	208	112M4	4	613	80	80	145	180	324	250	270	280	649	550	20	ML1c	A3.11	-

TECHNICAL DATA : INM 80-315 - 60 Hz - 4 Pole



Flange Dimensions



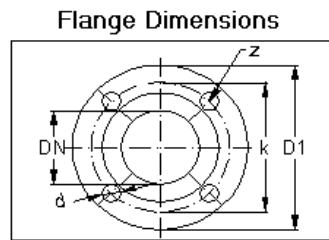
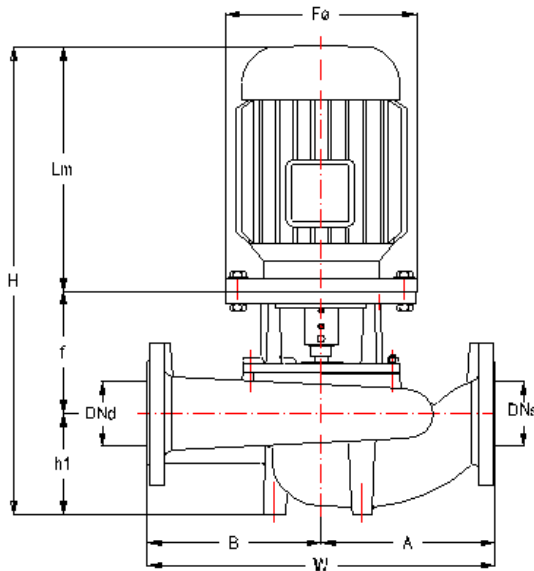
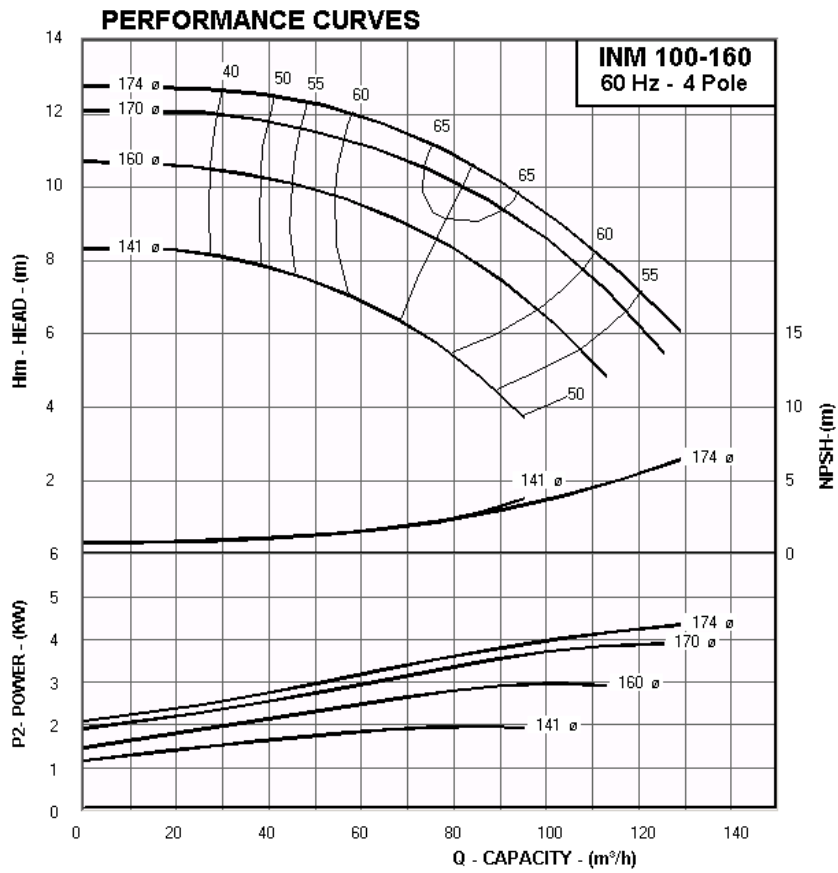
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
80	200	160	18	8
80	200	160	18	8

DIMENSIONS TABLE. INM 80-315 (1740 RPM) Main Part Codes

Pump Size	Imp. ϕ	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	F ϕ	A	B	H	W	Seal mm ϕ	Shaft and Coupling	Adapter	Flange
INM 80-315/ 2204	328	180L4	22	716	80	80	160	240	582	350	300	300	982	600	30	ML4k	B3.12	-
INM 80-315/ 1854	310	180M4	18.5	716	80	80	160	240	544	350	300	300	944	600	30	ML4k	B3.12	-
INM 80-315/ 1504	294	160L4	15	715	80	80	160	240	528	350	300	300	928	600	30	ML4b	B3.12	-
INM 80-315/ 1104	272	160M4	11	715	80	80	160	240	484	350	300	300	884	600	30	ML4b	B3.12	-
INM 80-315/ 754	245	132M4	7.5	714	80	80	160	215	413	300	300	300	788	600	30	ML4a	B3.02	-

TECHNICAL DATA : INM 100-160 - 60 Hz - 4 Pole



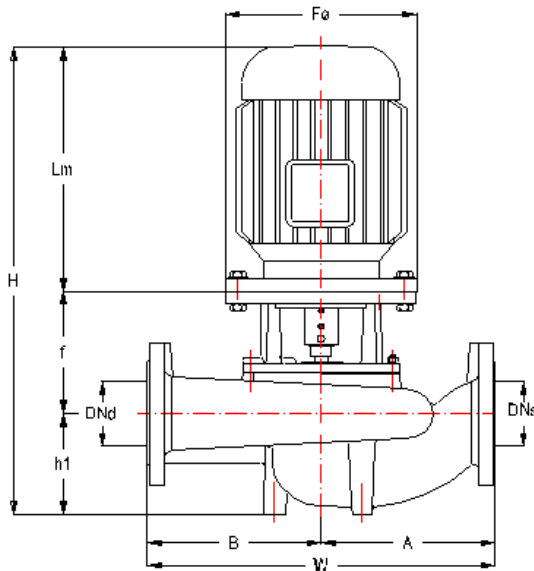
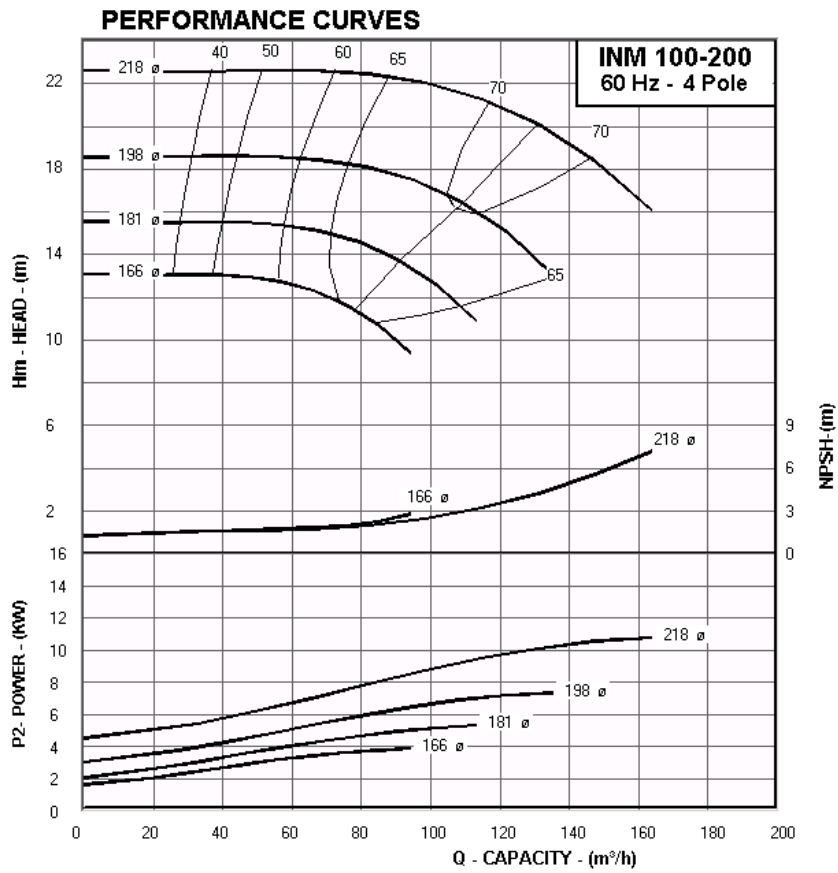
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
100	220	180	18	8
100	220	180	18	8

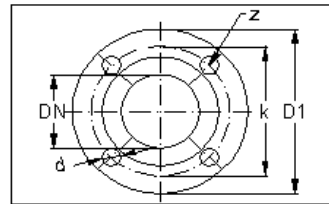
DIMENSIONS TABLE. INM 100-160 (1716 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 100-160/ 554	174	132S4	5.5	224	100	100	155	210	375	300	250	250	740	500	30	ML2a	A1.22	F2
INM 100-160/ 404	170	112M4	4	223	100	100	155	190	324	250	250	250	669	500	20	ML1c	A1.21	F 1
INM 100-160/ 304	160	100L4	3	223	100	100	155	190	305	250	250	250	650	500	20	ML1c	A1.21	F 1
INM 100-160/ 224	141	100L4	2.2	223	100	100	155	190	305	250	250	250	650	500	20	ML1c	A1.21	F 1

TECHNICAL DATA : INM 100-200 - 60 Hz - 4 Pole



Flange Dimensions



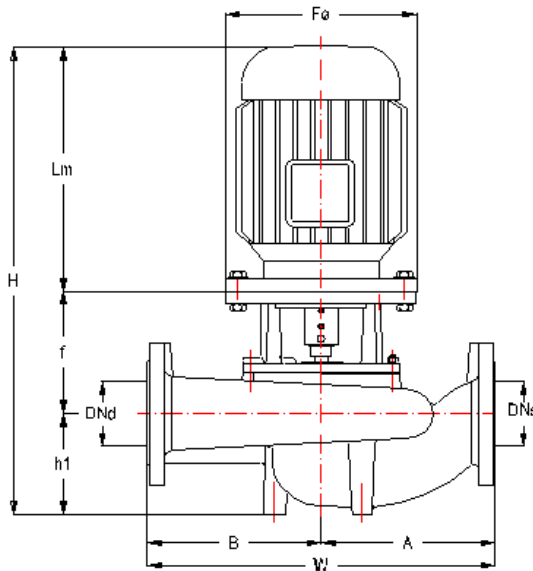
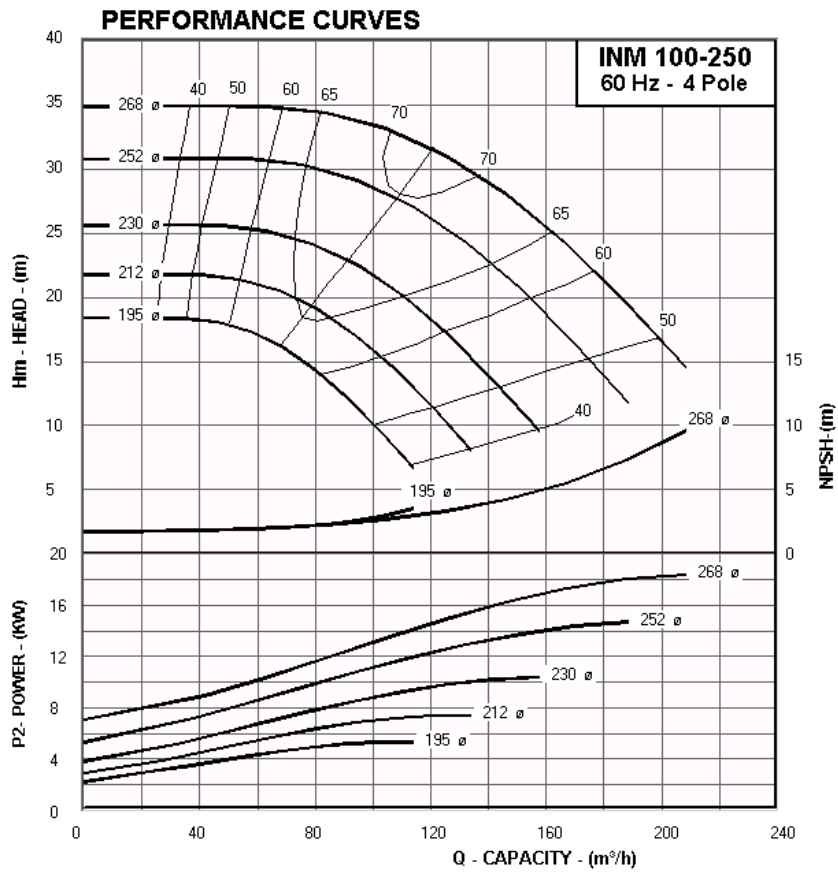
EN 1092-2 PN 16

DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
100	220	180	18	8
100	220	180	18	8

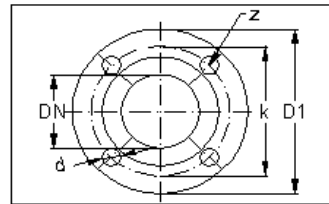
DIMENSIONS TABLE. INM 100-200 (1740 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 100-200/ 1104	218	160M4	11	515	100	100	180	240	484	350	275	275	904	550	30	ML4b	B1.12	F5
INM 100-200/ 754	198	132M4	7.5	514	100	100	180	215	413	300	275	275	808	550	30	ML4a	B1.12	F4
INM 100-200/ 554	181	132S4	5.5	514	100	100	180	215	375	300	275	275	770	550	30	ML4a	B1.12	F4
INM 100-200/ 404	166	112M4	4	513	100	100	180	190	324	250	275	275	694	550	30	ML3	B1.12	-

TECHNICAL DATA : INM 100-250 - 60 Hz - 4 Pole



Flange Dimensions



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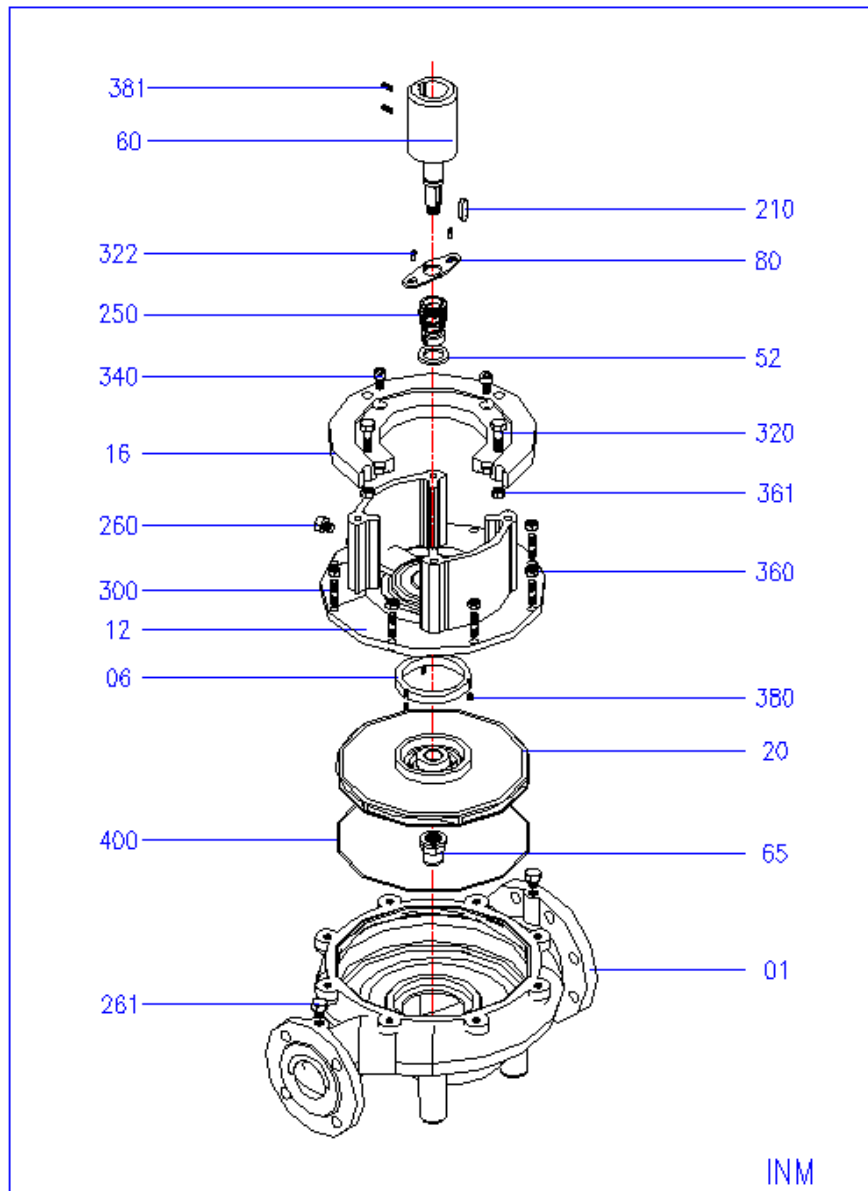
DN (mm)	D1 (mm)	k (mm)	d (mm)	Z
100	220	180	18	8
100	220	180	18	8

DIMENSIONS TABLE. INM 100-250 (1740 RPM) Main Part Codes

Pump Size	Imp. ø	Motor Size	KW	Code	DNs	DNd	h1	f	Lm	Fø	A	B	H	W	Seal mm ø	Shaft and Coupling	Adapter	Flange
INM 100-250/1854	268	180M4	18.5	626	100	100	190	240	544	350	320	280	974	600	30	ML4c	B2.12	F7
INM 100-250/1504	252	160L4	15	625	100	100	190	240	528	350	320	280	958	600	30	ML4b	B2.12	F7
INM 100-250/1104	230	160M4	11	625	100	100	190	240	484	350	320	280	914	600	30	ML4b	B2.12	F7
INM 100-250/754	212	132M4	7.5	624	100	100	190	215	413	300	320	280	818	600	30	ML4a	B2.12	-
INM 100-250/554	195	132S4	5.5	624	100	100	190	215	375	300	320	280	780	600	30	ML4a	B2.12	-

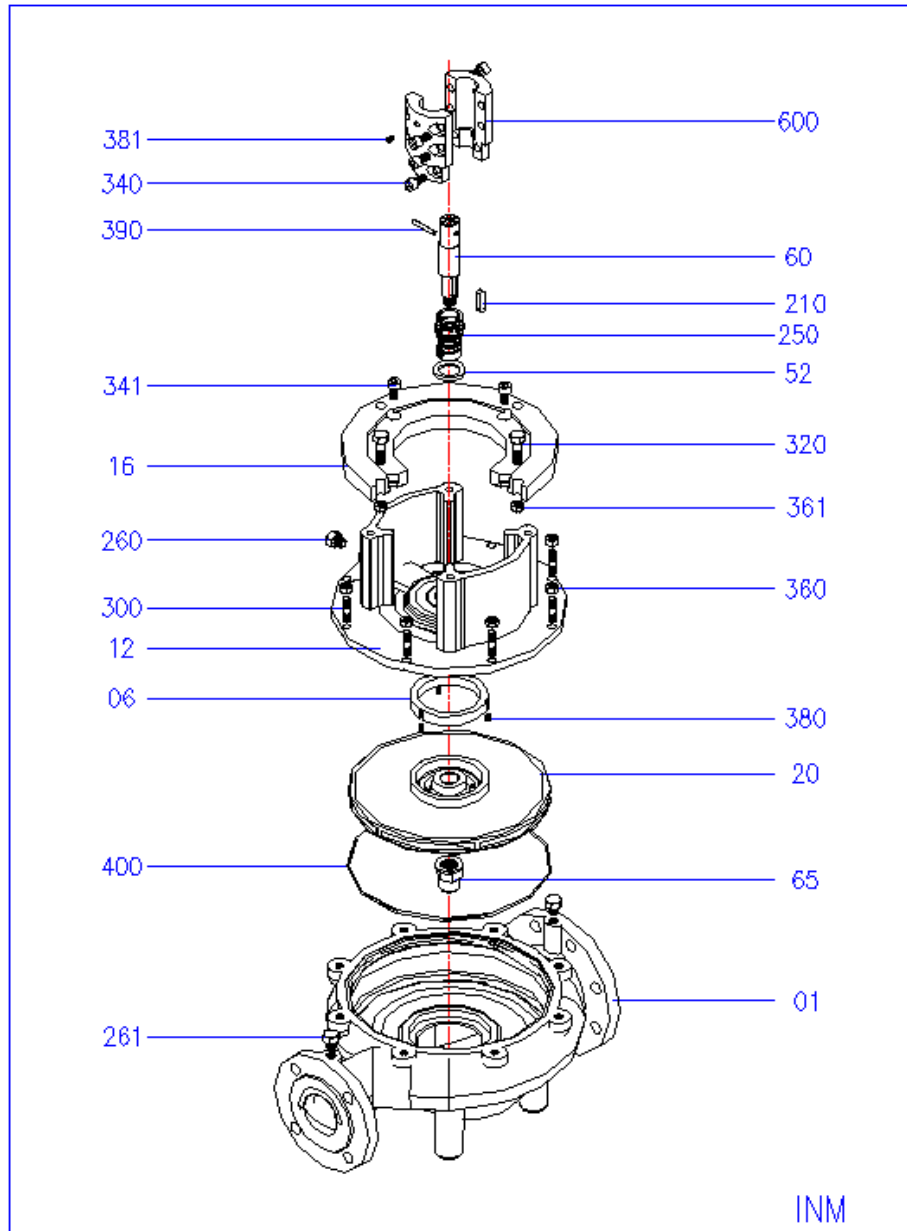
MAS INM/INL – In-Line Centrifugal Pumps

INM/INL EXPLODED VIEW (Without Coupling)



No	Part Name	No	Part Name
01	Pump Casing	260	Pipe Plug, Adapter
06	Wearing Ring	261	Pipe Plug, Pressure Gauge
12	Adapter	300	Stud, Pump Casing
16	Motor Flange	320	Hex Bolt
20	Impeller	322	Hex Bolt
52	Mechanical Seal Ring	340	Cap Screw
60	Pump Shaft	360	Nut
65	Impeller Nut	361	Nut
80	Shackle	380	Set-Screw
210	Key, Impeller	381	Set-Screw
250	Mechanical Seal	400	O-Ring

MAS INM/INL – In-Line Centrifugal Pumps
INM/INL EXPLODED VIEW (With Coupling)



No	Part Name	No	Part Name
01	Pump Casing	300	Stud, Pump Casing
06	Wearing Ring	320	Hex Bolt
12	Adapter	340	Cap Screw
16	Motor Flange	341	Cap Screw
20	Impeller	360	Nut
52	Mechanical Seal Ring	361	Nut
60	Pump Shaft	380	Set-Screw
65	Impeller Nut	381	Set-Screw
210	Key, Impeller	390	Grooved Pin
250	Mechanical Seal	400	O-Ring
260	Pipe Plug, Adapter	600	Rigid Coupling
261	Pipe Plug, Pressure Gauge		