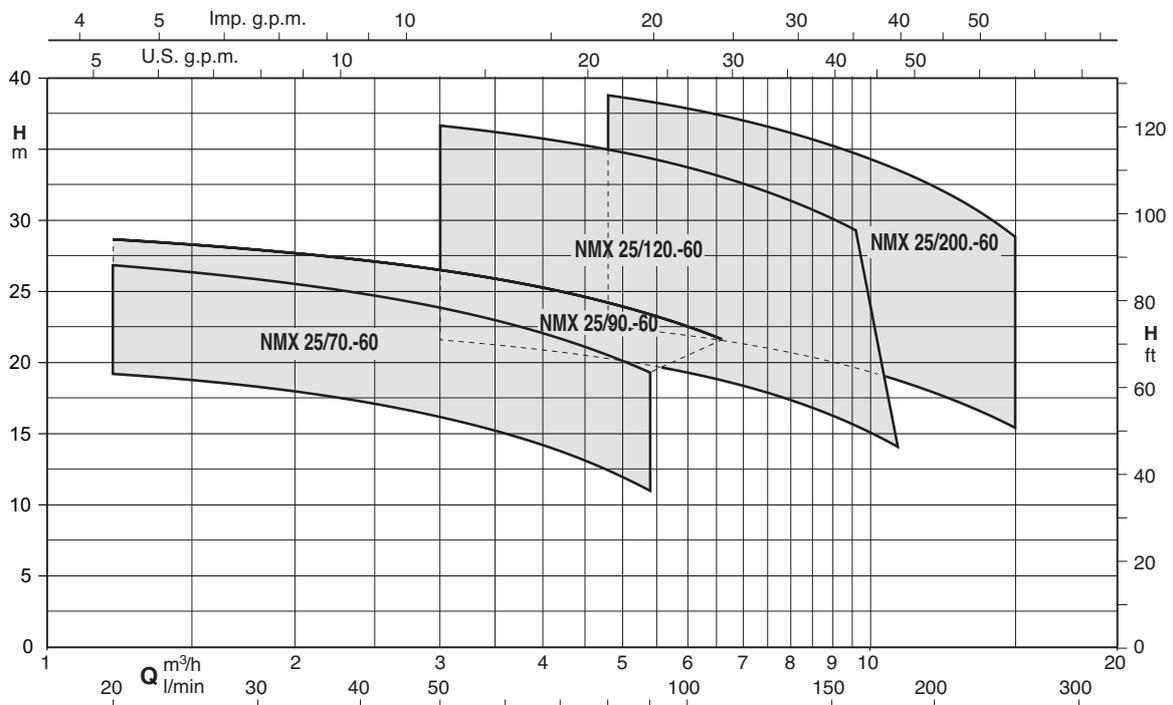




Coverage chart  $n \approx 3450$  1/min



Close coupled centrifugal pumps with  
threaded connections  
stainless steel

# NMX 60 Hz



## Construction

Close-coupled, centrifugal pumps; electric motor with extended shaft directly connected to the pump.

**Connections:** threaded ports ISO 228/1 (BS 2779).

**NMX:** Version in AISI 304.

**NMXL:** Version in AISI 316.

## Applications

For water supply.

For clean liquids, without abrasives, which are non-aggressive for stainless steel (with suitable seal materials, on request).

Universal pump, for domestic use, for civil and industrial applications, for garden use and irrigation.

## Operating conditions

Liquid temperature from -10 °C to +90 °C.

Ambient temperature up to 40° C.

Maximum permissible working pressure up to 10 bar.

Continuous duty (S3 60% for single-phase pump to 1,5-1,8 kW).

## Motor

2-pole induction motor, 60 Hz ( $n \approx 3450$  1/min).

**NMX:** three-phase 220/380 V.

**NMXM:** single-phase 110 V, 127 V, 220 V, 110/220 V, with thermal protector up to 1.1 kW only 220V.

Insulation class F.

Protection IP54

Motor suitable for operation with frequency converter from 1,1 kW.

**IE3 efficiency class for three-phase motors (IE2 up to 0,65 kW).**

- Constructed in accordance with EN 60034-1, EN 60034-30-1, EN 60335-1, EN 60335-2-41.

## Special features on request

Other voltages.

IP protection: IP55

Special mechanical seal

Higher or lower liquid or ambient temperatures.

Motor suitable for operation with frequency converter up to 0,75 kW.

## Designation

Example: NMX(L)M 25/70B-60/B

NMX = Series

L = Version in AISI 316.

M = Single-phase version (no indication: three-phase)

25 = Delivery port diameter in mm

70 = Hydraulic code

B = Impeller size

60 = Frequency 60Hz

/B = It refers to a revision

## Materials

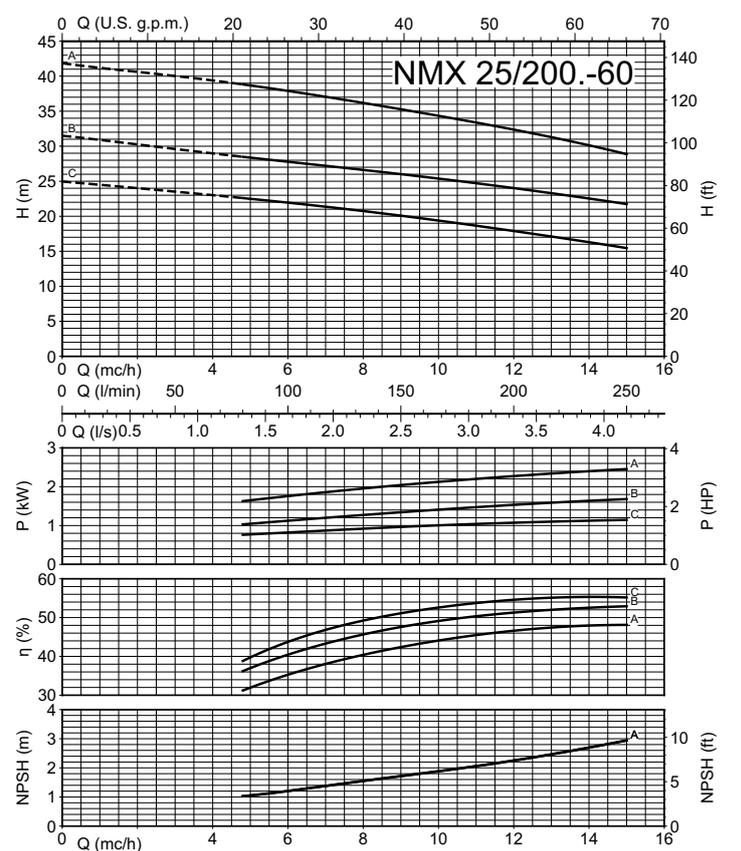
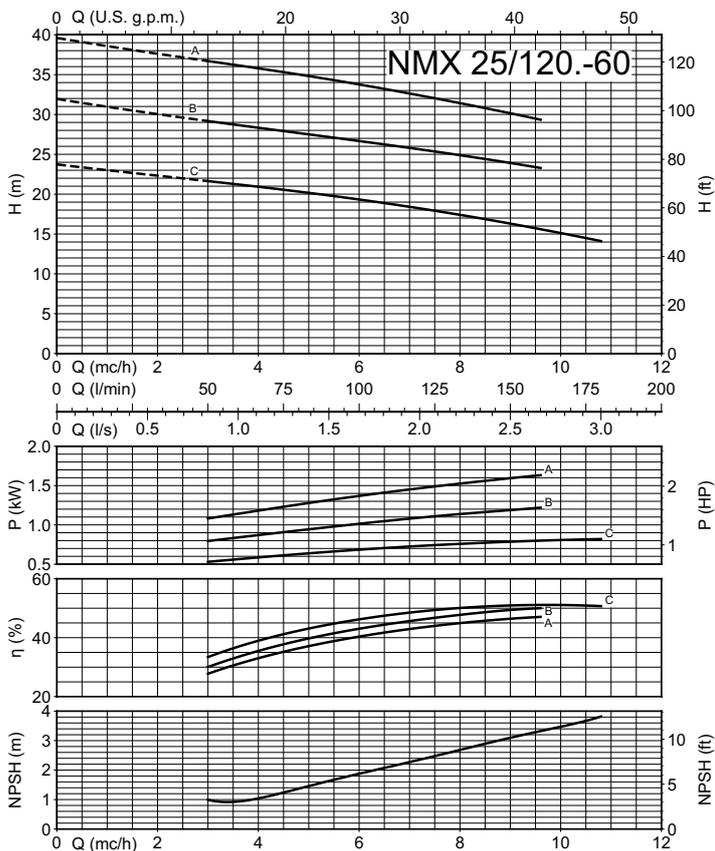
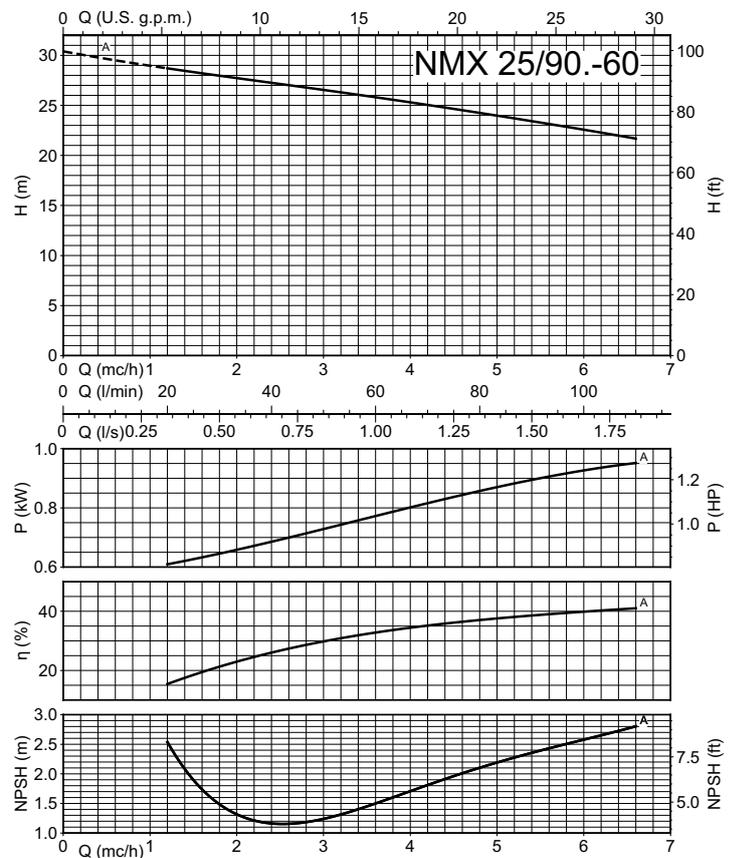
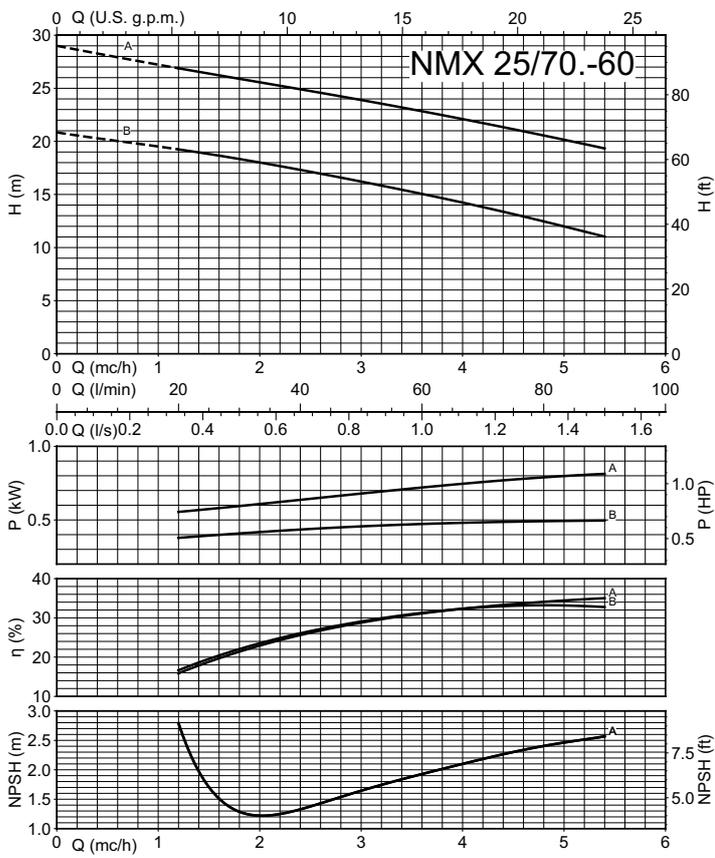
Components	NMX	NMXL
Pump casing	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)	Stainless Steel 1.4401 EN 10088 (AISI 316)
Casing cover	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)	Stainless Steel 1.4401 EN 10088 (AISI 316)
Impeller	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)	Stainless Steel 1.4401 EN 10088 (AISI 316)
Shaft	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)	Stainless Steel 1.4401 EN 10088 (AISI 316)
Wear ring	EPDM	EPDM
Mechanical seal	Ceramic alumina/Carbon/EPDM	Ceramic alumina/Carbon/EPDM



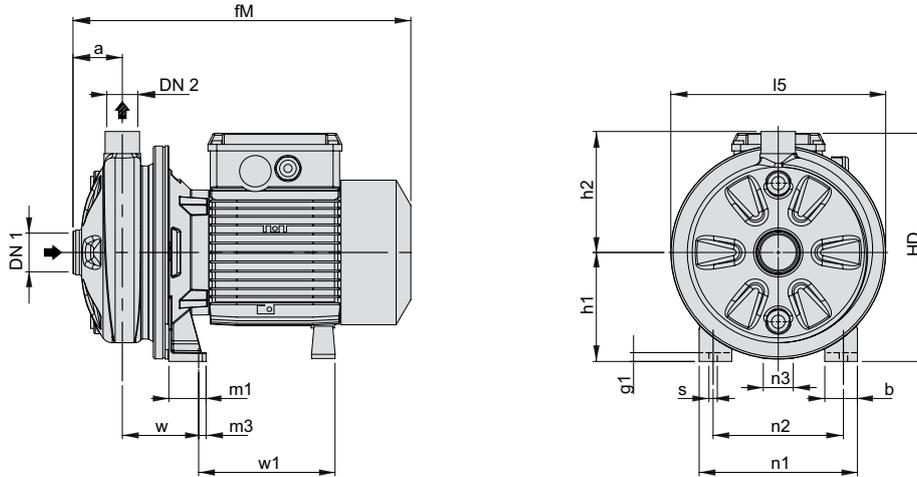
# NMX 60 Hz



## Characteristic curves $n \approx 2900$ rpm



## Dimensions and weight



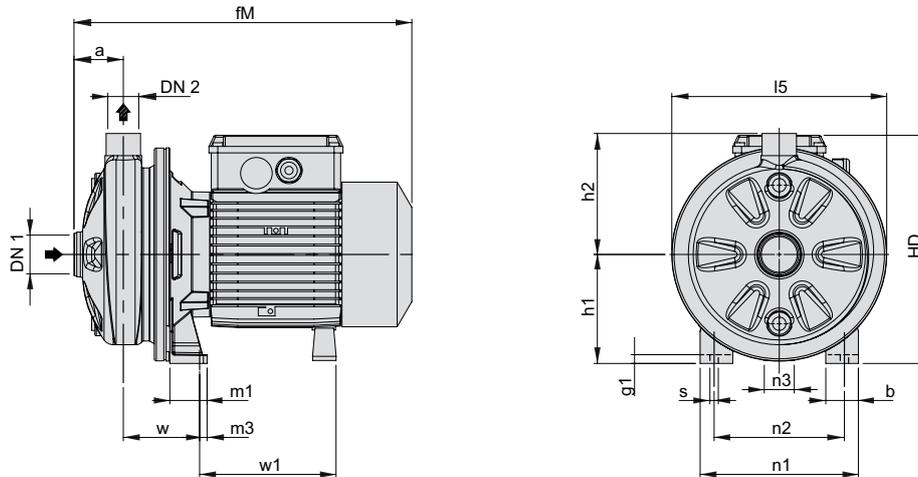
## Three-phase

TYPE	ISO 228		mm															
	DN1	DN2	a	b	fM	g1	h1	h2	HD	l5	m1	m3	n1	n2	n3	s	w	w1
NMX 25/70B-60	G 1 1/4	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMX 25/70A-60	G 1 1/4	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMX 25/90A-60	G 1 1/4	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMX 25/120C-60	G 1 1/4	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMX 25/120B-60	G 1 1/4	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMX 25/120A-60	G 1 1/4	G 1	53	35	363	10	118	131	247	232	40	8	170	140	33	9	82	147
NMX 25/200C-60	G 1 1/2	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMX 25/200B-60	G 1 1/2	G 1	53	35	363	10	106	123	235	208	40	8	170	140	35	9	82	147
NMX 25/200A-60	G 1 1/2	G 1	53	35	403	10	118	131	247	232	40	8	170	140	35	9	82	187
NMXL 25/70B-60	G 1 1/4	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMXL 25/70A-60	G 1 1/4	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMXL 25/90A-60	G 1 1/4	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMXL 25/120C-60	G 1 1/4	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMXL 25/120B-60	G 1 1/4	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMXL 25/120A-60	G 1 1/4	G 1	53	35	363	10	118	131	247	232	40	8	170	140	33	9	82	147
NMXL 25/200C-60	G 1 1/2	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMXL 25/200B-60	G 1 1/2	G 1	53	35	363	10	106	123	235	208	40	8	170	140	35	9	82	147
NMXL 25/200A-60	G 1 1/2	G 1	53	35	403	10	118	131	247	232	40	8	170	140	35	9	82	187

# NMX 60 Hz

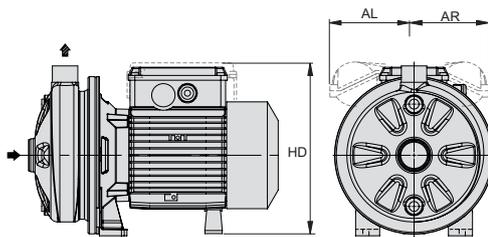


## Dimensions and weight



TYPE	ISO 228		mm															
	DN1	DN2	a	b	fM	g1	h1	h2	HD	l5	m1	m3	n1	n2	n3	s	w	w1
NMXM 25/70B-60	G 1 1/4	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMXM 25/70A-60	G 1 1/4	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMXM 25/90A-60	G 1 1/4	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMXM 25/120C-60	G 1 1/4	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMXM 25/120B-60	G 1 1/4	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMXM 25/120A-60	G 1 1/4	G 1	53	35	363	10	118	131	247	232	40	8	170	140	33	9	82	147
NMXM 25/200C-60	G 1 1/2	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMXM 25/200B-60	G 1 1/2	G 1	53	35	363	10	106	123	235	208	40	8	170	140	35	9	82	147
NMXM 25/70B-60	G 1 1/4	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMXLM 25/70A-60	G 1 1/4	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMXLM 25/90A-60	G 1 1/4	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMXLM 25/120C-60	G 1 1/4	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMXLM 25/120B-60	G 1 1/4	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMXLM 25/120A-60	G 1 1/4	G 1	53	35	363	10	118	131	247	232	40	8	170	140	33	9	82	147
NMXLM 25/200C-60	G 1 1/2	G 1	53	35	329.5	10	106	123	217	208	40	8	170	140	20	9	80	135
NMXLM 25/200B-60	G 1 1/2	G 1	53	35	363	10	106	123	235	208	40	8	170	140	35	9	82	147

## Dimensions for special voltages



TYPE	HD mm	AL mm			AR mm		
		127V	110V	110/220V	127V	110V	110/220V
NMXM 25/70B-60	222	-	-	-	•	•	116
NMXM 25/70A-60	222	-	-	-	116	116	131
NMXM 25/90A-60	222	-	-	-	131	\$	\$
NMXM 25/120C-60	222	-	-	-	116	116	131
NMXM 25/120B-60	222	-	-	-	131	\$	\$
NMXM 25/120A-60	252	\$	\$	\$	-	-	-
NMXM 25/200C-60	222	-	-	-	131	\$	\$
NMXM 25/200B-60	240	\$	\$	\$	-	-	-

- Standard dimensions
- \$ Cannot constructed
- # On request version