AMS

Stainless Steel Centrifugal Pump



Application

- It is applicable to household water supply, equipment support, pipeline pressurization, garden watering, vegetable greenhouse watering, fish farming and poultry raising, industrial and mining, water supply and drainage of enterprises and high-rise buildings, central air conditioner and centralized heating circulation system, etc.

Pump

- AISI 304 pump body
- AISI 304 shaft
- Max. operating pressure: 4.5 bar
- Max.liquid temperture: +85℃
- Altitude: up to 1000 m

Motor

- IE2 motor
- Low noise&Long life bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. ambient temperture: +40℃

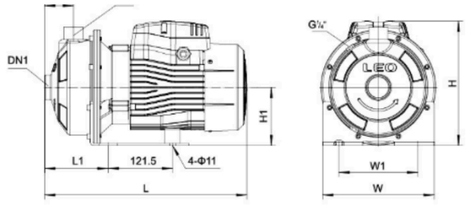
Identification Codes

A MS m 210 / 1.5

- 1.5 — Rated Power (kW)
- 210 — Rated Flow (l/min)
- m — Single Phase Motor (Omitted for three-phase motor)
- MS — Stainless Steel Centrifugal Pump
- A — LEO Product Style

Technical Data

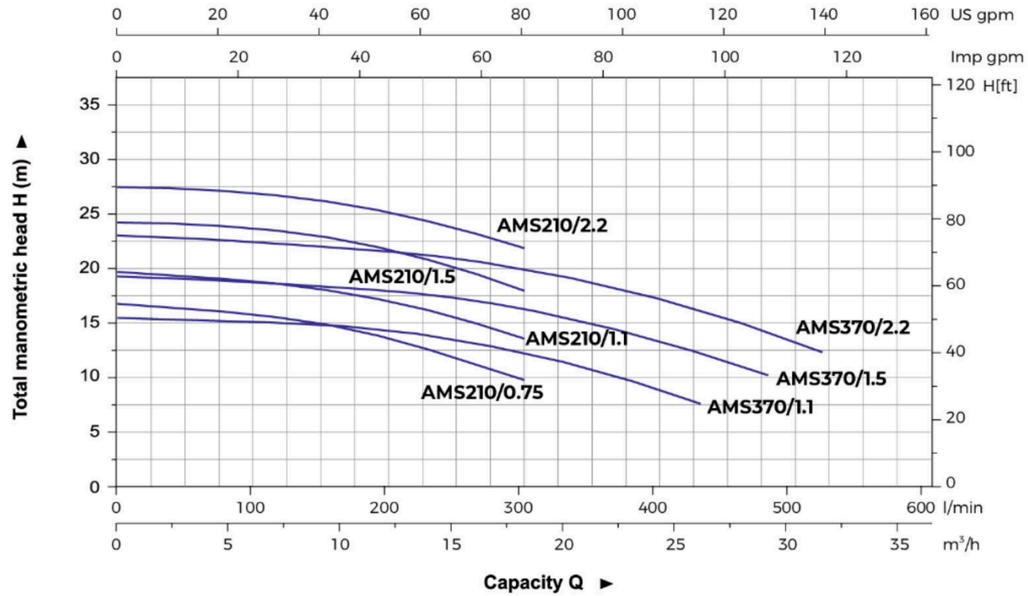
Model		Power		Q(m^3/h)	0	1.8	3.6	6	7.2	8.4	9.6	10.8	12	15	18	21	24	26	29	31
Single Phase	Three Phase	kW	HP	Q(l/min)	0	30	60	100	120	140	160	180	200	250	300	350	400	430	480	520
AMSm210/0.75	AMS210/0.75	0.75	1	H (m)	16.8	-	-	-	15.6	15.2	14.8	14.2	13.6	11.9	9.8	-	-	-	-	-
AMSm210/1.1	AMS210/1.1	1.1	1.5		19.7	-	-	-	18.7	18.3	18	17.5	17.1	15.6	13.6	-	-	-	-	-
AMSm210/1.5	AMS210/1.5	1.5	2		24.2	-	-	-	23.5	23.2	22.8	22.4	21.8	20.2	18	-	-	-	-	-
AMSm210/2.2	AMS210/2.2	2.2	3		27.5	-	-	-	26.7	26.5	26.1	25.7	25.2	23.8	21.9	-	-	-	-	-
AMSm370/1.1	AMS370/1.1	1.1	1.5		15.4	-	-	-	-	-	-	14.7	14.4	13.5	12.3	10.8	8.9	7.6	-	-
AMSm370/1.5	AMS370/1.5	1.5	2		19.3	-	-	-	-	-	-	-	18.1	17.3	16.3	15	13.3	12.3	10.2	-
AMSm370/2.2	AMS370/2.2	2.2	3		23.1	-	-	-	-	-	-	-	21.7	20.9	20	18.8	17.2	16.2	14.2	12.3



Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	L2 (mm)	W1 (mm)	H1 (mm)
AMS(m)210/0.75	1 1/2"	1 1/4"	392	210	234	129	55	149	110
AMS(m)210/1.1			392	210	234	129	55	149	110
AMS(m)210/1.5			440	210	250	129	55	149	110
AMS(m)210/2.2			440	210	250	129	55	149	110
AMS(m)370/1.1	2"		392	210	234	129	55	149	110
AMS(m)370/1.5			440	210	250	129	55	149	110
AMS(m)370/2.2			440	210	250	129	55	149	110

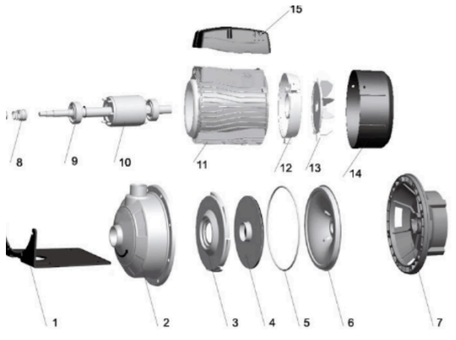
Hydraulic Performance Curves



Materials Table

No.	Part	Material
1	Bottom support	Steel
2	Pump body	AISI 304
3	Diffuser	AISI 304
4	Impeller	AISI 304
5	O-ring	NBR
6	Airproof plate	AISI 304
7	Support	ADC12
8	Mechanical seal	Carbon/Ceramic
9	Ball bearing	
10	Rotor	

No.	Part	Material
11	Stator	
12	Rear housing	ADC12
13	Fan	PP
14	Fan cover	PP
15	Terminal box	ABS



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
AMS(m)210/0.75	14	410	240	270	1104
AMS(m)210/1.1	15	410	240	270	1104
AMS(m)210/1.5	18	465	240	270	968
AMS(m)210/2.2	20	465	240	270	968
AMS(m)370/1.1	15	410	240	270	1104
AMS(m)370/1.5	18	465	240	270	968
AMS(m)370/2.2	20	465	240	270	968

