



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.

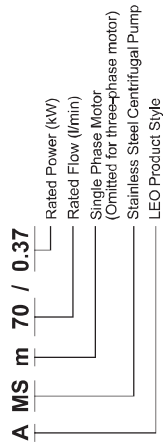
Pump

- AISI 304 pump body
- AISI 304 shaft
- Max. liquid temperature: +85°C
- Altitude: up to 1000 m

Motor

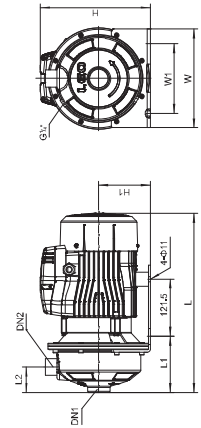
- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. temperature: +40°C

Identification Codes



Technical Data

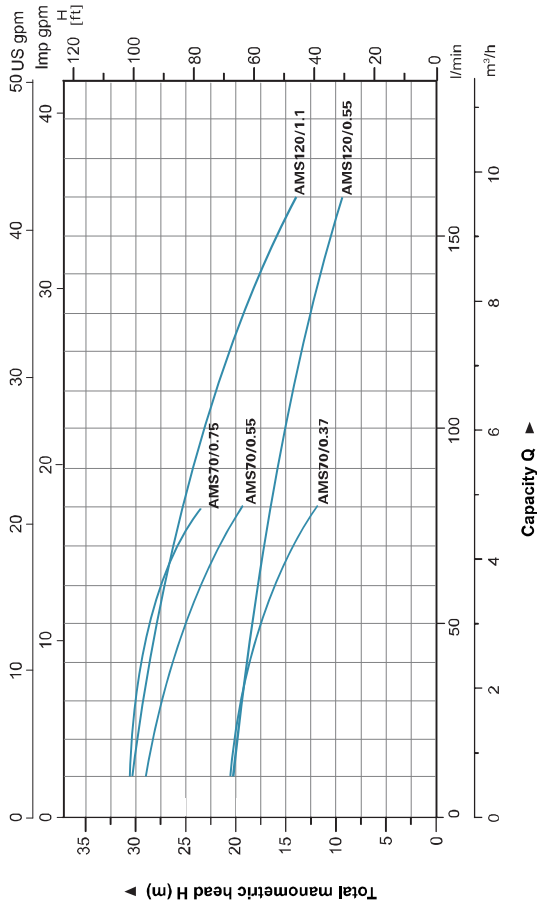
MODEL	POWER	Q (m³/h)	Q (l/min)	H (m)	DNI		DN2	L (mm)	W (mm)	H (mm)	L ₁ (mm)	L ₂ (mm)	L ₃ (mm)	W ₁ (mm)	H ₁ (mm)
					DN1	DN2									
Single Phase	Three Phase	kW	HP												
AMS70/0.37	AMS70/0.37	0.37	0.5	20.9	19.0	18.1	15.7	12.1	80	100	120	140	160	180	180
AMS70/0.55	AMS70/0.55	0.55	0.75	29.5	27.3	26.3	23.4	19.1	-	-	-	-	-	-	-
AMS70/0.75	AMS70/0.75	0.75	1.0	30.4	28.5	27.8	26.0	23.0	-	-	-	-	-	-	-
AMS120/0.55	AMS120/0.55	0.55	0.75	20.2	-	-	17.9	16.6	15.1	13.3	11.2	8.7	-	-	-
AMS120/1.1	AMS120/1.1	1.1	1.5	30.2	-	-	26.7	25.1	23.3	21.2	19.0	16.4	-	-	-



Dimension

Model	Ports		L (mm)	W (mm)	H (mm)	L ₁ (mm)	L ₂ (mm)	L ₃ (mm)	W ₁ (mm)	H ₁ (mm)
	DN1	DN2								
AMS70/0.37	1 1/2"	1"	332	210	224	119	55	149	110	110
AMS70/0.55	1 1/2"	1"	332	210	224	119	55	149	110	110
AMS70/0.75	1 1/2"	1"	381	210	224	119	55	149	110	110
AMS120/0.55	1 1/2"	1"	332	210	224	119	55	149	110	110
AMS120/1.1	1 1/2"	1"	381	210	234	119	55	149	110	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	C-ring	NSR
6	Avropod plate	AISI 304
7	Support	ZL102
8	Mechanical seal	StiponCarbon
9	Ball bearing	
10	Rotor	
11	Stator	
12	Fan	PP
13	Rear housing	ZL102
14	Fan cover	PP
15	Terminal box	ABS



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
AMS70/0.37	10	380	240	270	1200
AMS70/0.55	11	380	240	270	1200
AMS70/0.75	14	410	240	270	1104
AMS120/0.55	11	380	240	270	1200
AMS120/1.1	15	410	240	270	1104





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Pump

- AISI 304 pump body
- AISI 304 shaft
- Max. liquid temperature: +85°C
- Altitude: up to 1000 m

Motor

- C&U bearing
- Motor with copper winding
- Built-in thermal protector for single phase motor
- Insulation class: F
- Protection class: IPX4
- Max. temperature: +40°C

Identification Codes

A M S m 210 / 1.5

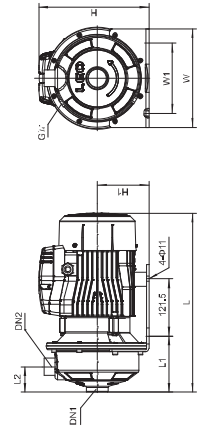
- A: Rated Power (kW)
- M: Rated Flow (l/min)
- S: Single Phase Motor (Omitted for three-phase motor)
- m: Stainless Steel Centrifugal Pump
- 210: LEO Product Style
- 1.5: LEO Product Style

Technical Data

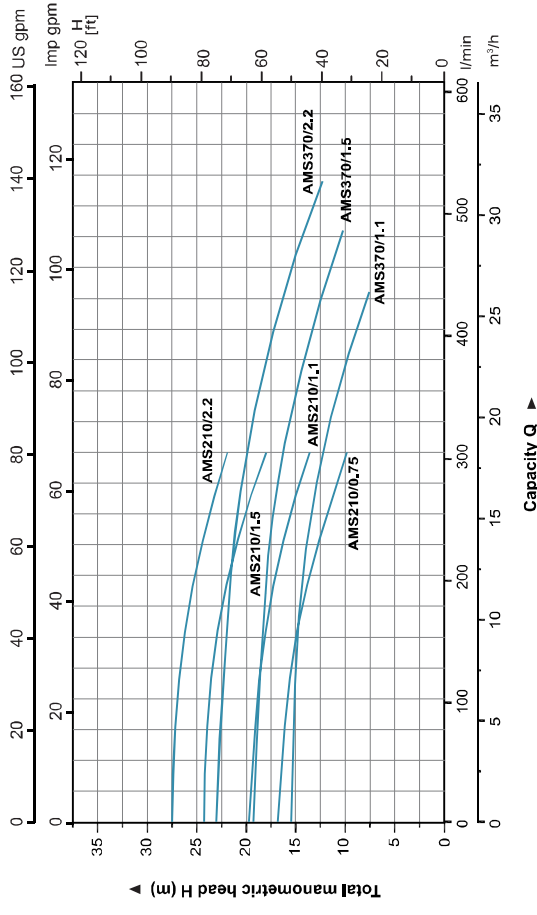
MODEL	POWER		O (m³/h)																		
	Three Phase	HP	0	1.8	3.6	6	7.2	8.4	9.6	10.8	12	15	18	21	24	26	29	31			
Single Phase			0	30	60	100	120	140	160	180	200	250	300	350	400	430	480	520			
AMS210/0.75	0.75	1.0	16.8	-	-	-	-	-	15.6	15.2	14.8	14.2	13.6	11.9	9.8	-	-	-			
AMS210/1.1	1.1	1.5	19.7	-	-	-	-	-	18.7	18.3	18.0	17.5	17.1	15.6	13.6	-	-	-			
AMS210/1.5	1.5	2.0	24.2	-	-	-	-	-	23.5	23.2	22.8	22.4	21.8	20.2	18.0	-	-	-			
AMS210/2.2	2.2	3.0	27.5	-	-	-	-	-	26.7	26.5	26.1	25.7	25.2	23.8	21.9	-	-	-			
AMS370/1.1	1.1	1.5	15.4	-	-	-	-	-	-	-	-	14.7	14.4	13.5	12.3	10.8	8.9	7.6	-		
AMS370/1.5	1.5	2.0	19.3	-	-	-	-	-	-	-	-	-	-	18.1	17.3	16.3	15.0	13.3	12.3	10.2	-
AMS370/2.2	2.2	3.0	23.1	-	-	-	-	-	-	-	-	-	-	21.7	20.9	20.0	18.8	17.2	16.2	14.2	12.3

Dimension

Model	Ports		L (mm)	W (mm)	H (mm)	L ₁ (mm)	L ₂ (mm)	W ₁ (mm)	H ₁ (mm)
	DN1	DN2							
AMS210/0.75	1 1/2"	1 1/4"	392	210	234	129	55	149	110
AMS210/1.1	1 1/2"	1 1/4"	392	210	234	129	55	149	110
AMS210/1.5	1 1/2"	1 1/4"	440	210	250	129	55	149	110
AMS210/2.2	1 1/2"	1 1/4"	440	210	250	129	55	149	110
AMS370/1.1	2"	1 1/2"	392	210	234	129	55	149	110
AMS370/1.5	2"	1 1/2"	440	210	250	129	55	149	110
AMS370/2.2	2"	1 1/2"	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	Aluminum plate	AISI 304
7	Support	ZL102
8	Mechanical seal	Silicon/Carbon
9	Ball bearing	Stainless Steel
10	Rotor	Stainless Steel
11	Stator	Stainless Steel
12	Fan	PP
13	Rear housing	ZL102
14	Fan cover	PP
15	Terminal box	ABS



Package Information

Model	GW (Kgs)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
AMS210/0.75	14	410	240	270	1104
AMS210/1.1	15	410	240	270	1104
AMS210/1.5	18	465	240	270	968
AMS210/2.2	20	465	240	270	968
AMS370/1.1	15	410	240	270	1104
AMS370/1.5	18	465	240	270	968
AMS370/2.2	20	465	240	270	968

