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 temperature: +85°C
- 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
- Enclosures class: IPX4
- Max. ambient temperture: +40°C

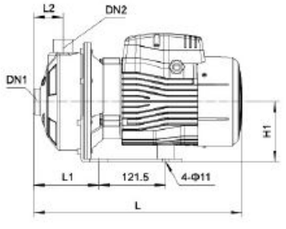
Identification Codes

A MS m 70 / 0.37

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

Technical Data

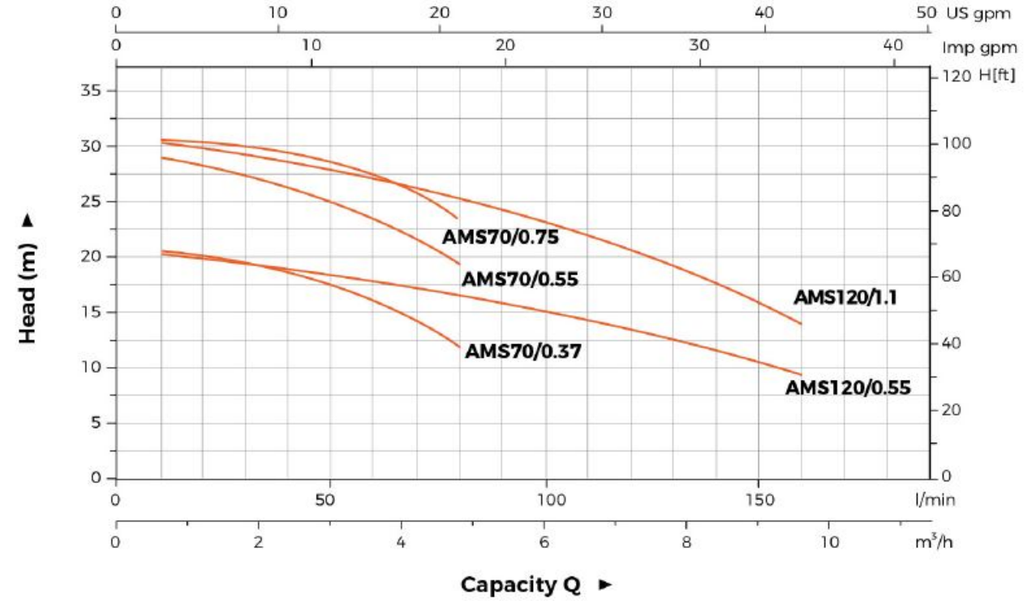
Model		Power		Q(m³/h)	0	1.8	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8
Single Phase	Three Phase	kW	HP	Q(l/min)	0	30	40	60	80	100	120	140	160	180
AMSm70/0.37	AMS70/0.37	0.37	0.5	H (m)	20.9	19	18.1	15.7	12.1	-	-	-	-	-
AMSm70/0.55	AMS70/0.55	0.55	0.75		29.5	27.3	26.3	23.4	19.1	-	-	-	-	-
AMSm70/0.75	AMS70/0.75	0.75	1.0		30.4	28.5	27.8	26	23	-	-	-	-	-
AMSm120/0.55	AMS120/0.55	0.55	0.75		20.2	-	-	17.9	16.6	15.1	13.3	11.2	8.7	-
AMSm120/1.1	AMS120/1.1	1.1	1.5		30.2	-	-	26.7	25.1	23.3	21.2	19	16.4	-



Dimension

Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	L2 (mm)	W1 (mm)	H1 (mm)
AMS(m)70/0.37	1¼"	1"	332	210	224	119	55	149	110
AMS(m)70/0.55			332	210	224	119	55	149	110
AMS(m)70/0.75			381	210	224	119	55	149	110
AMS(m)120/0.55			332	210	224	119	55	149	110
AMS(m)120/1.1			381	210	234	119	55	149	110

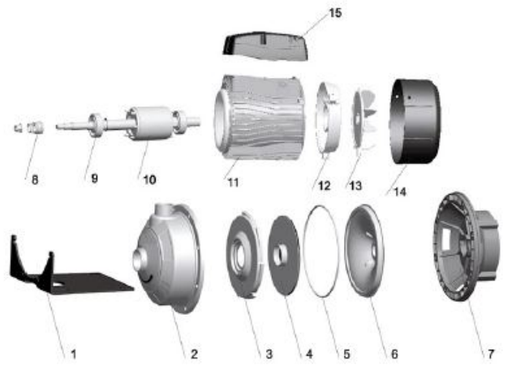
Hydraulic Performance Curves

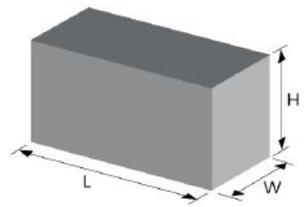


Material Table

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)70/0.37	10	380	240	270	1200
AMS(m)70/0.55	11	380	240	270	1200
AMS(m)70/0.75	14	410	240	270	1104
AMS(m)120/0.55	11	380	240	270	1200
AMS(m)120/1.1	15	410	240	270	1104