

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 temperature: +40°C

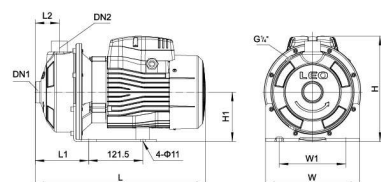
Identification Codes

A MS m 70 / 0.37

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

Technical Data

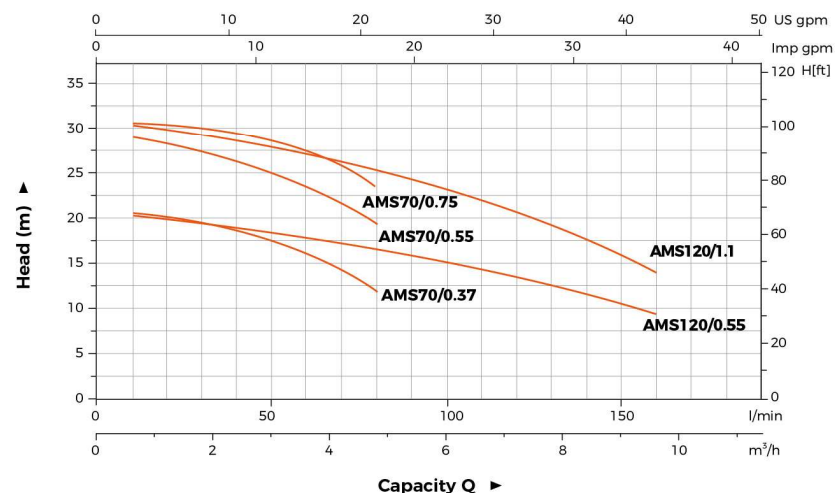
Model		Power		Q(m³/h)		0	1.8	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8
Single Phase	Three Phase	kW	HP	Q(l/min)	H (m)	0	30	40	60	80	100	120	140	160	180
AMS70/0.37	AMS70/0.37	0.37	0.5			20.9	19	18.1	15.7	12.1	-	-	-	-	-
AMS70/0.55	AMS70/0.55	0.55	0.75			29.5	27.3	26.3	23.4	19.1	-	-	-	-	-
AMS70/0.75	AMS70/0.75	0.75	1.0			30.4	28.5	27.8	26	23	-	-	-	-	-
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	16.4	-



Dimension

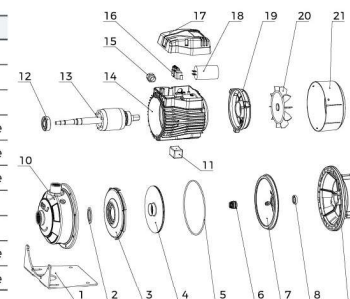
Model	DN1	DN2	L (mm)	W (mm)	H (mm)	L1 (mm)	L2 (mm)	W1 (mm)	H1 (mm)
AMS(m)70/0.37			332	210	224	119	55	149	110
AMS(m)70/0.55			332	210	224	119	55	149	110
AMS(m)70/0.75	1 1/4"	1"	381	210	224	119	55	149	110
AMS(m)120/0.55			332	210	224	119	55	149	110
AMS(m)120/1.1			381	210	234	119	55	149	110

Hydraulic Performance Curves



Material Table

No.	Part	Material	No.	Part	Material
1	Support base	Q235	12	Deep Groove Ball Bearings	
2	Impeller sealing ring	Rubber code	13	Rotor	
3	Diffuser	AISI304	14	Stator	
4	Impeller	AISI304	15	Outlet	Plastic code
5	Q-ring	Rubber code	16	Terminal block/terminal	Plastic code
6	Hechanical seal	Graphite/SiC	17	Terminal box	Plastic code
7	Bracket cover	AISI304	18	Capacitance	
8	Rotary lip seal	Rubber code	19	Rear cover	Aluminum
9	Bracket	Aluminum	20	Fan	Plastic code
10	Pump body	AISI304	21	Fan cover	Plastic code
11	Supporting foot	Rubber code			



Package Information

Model	CW (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

