

Product introduction

A special rubber hose corresponds to a pair of rollers on the rotor bearing in the pump chamber. When the roller rotates along the hose, the pressure produced by the pressure roller and the pump casing and squashes the hose. Under the functions of elasticity and side board, the fluid is sucked in by the vacuum generated by restoring the original state, and the fluid is discharged from the tube under the mechanical squeeze of the pressure roller, and reciprocating in this way, so as to achieve the purpose of continuous output of materials.

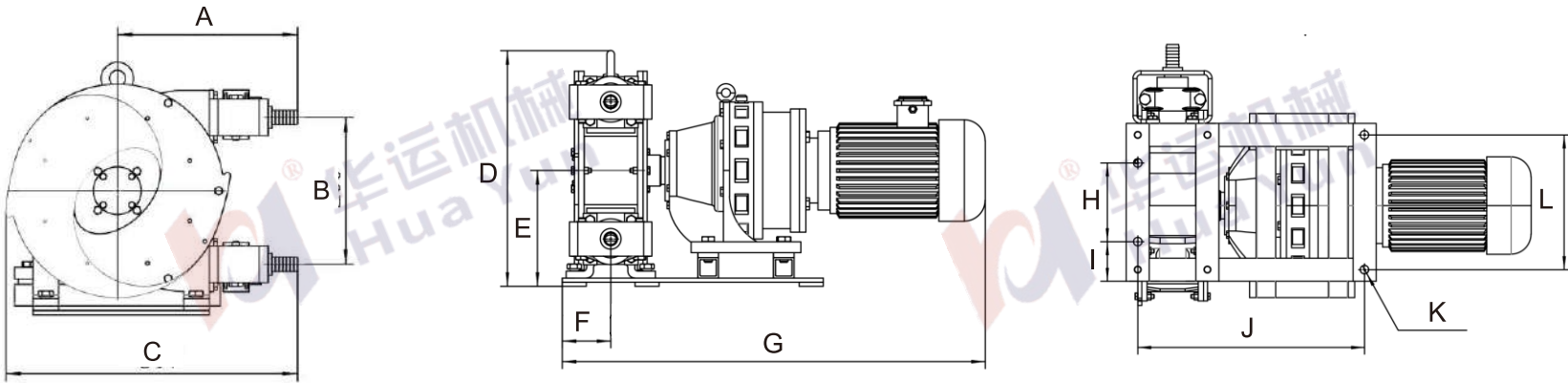
The hose pump is mainly composed of 5 parts: pump casing, rollers , reducer, frame and hose. The durability of the pump is mainly determined by the elasticity and corrosion resistance of the pipe, and its flow is related to the speed of the motor and the inner diameter of the pipe.

Features

- 1. Convey high viscosity, high solid content, impurities, particles, avoid shearing, corrosive, abrasive, crystal, and other materials;
- 2. No need for pump priming, one-way valve, sealing system;
- 3. Can rotate dry and reverse;
- 4. Suitable for continuous use under 1.2Mpa working pressure, the maximum outlet pressure can reach 1.6Mpa;
- 5. The pressure roller adopts rolling friction, and the pump cavity does not need to be oiled;
- 6. Simple hose assembly, simple installation and maintenance, low maintenance cost and simple operation;
- 7. The flow can be adjusted linearly and has a certain measurement function;
- 8. It will not cause any blockage in the transportation of fluid with high viscosity and impurities;
- 9. The pump has a long service life, high head and high pressure at the pump port.



Single hose pump
(IHP20T--40T)



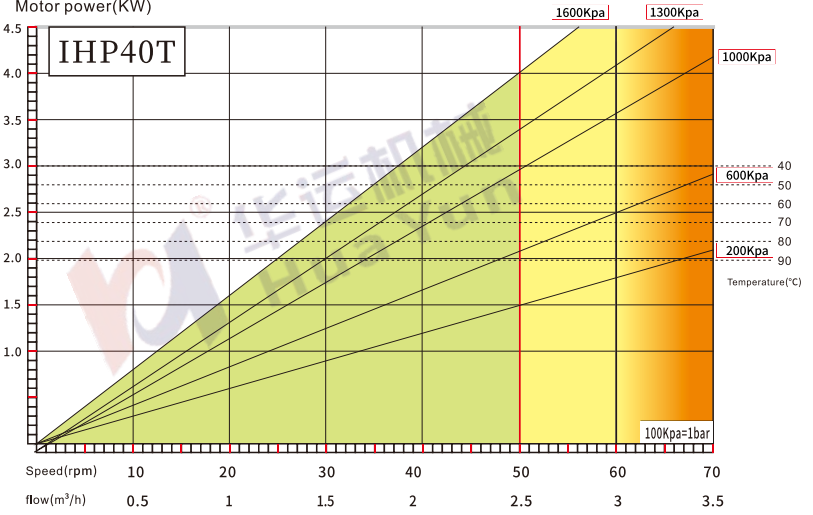
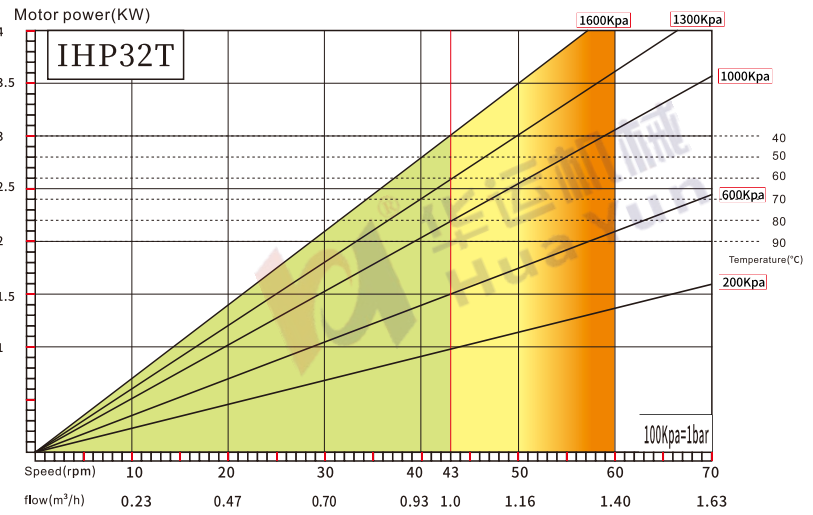
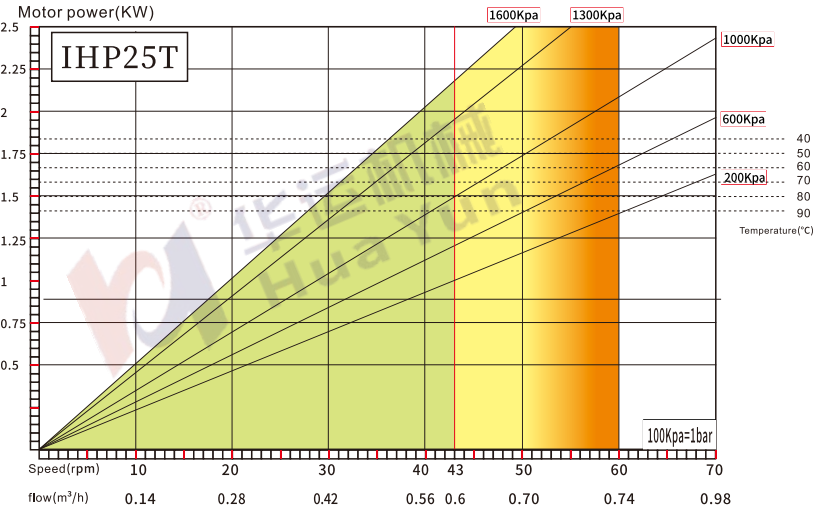
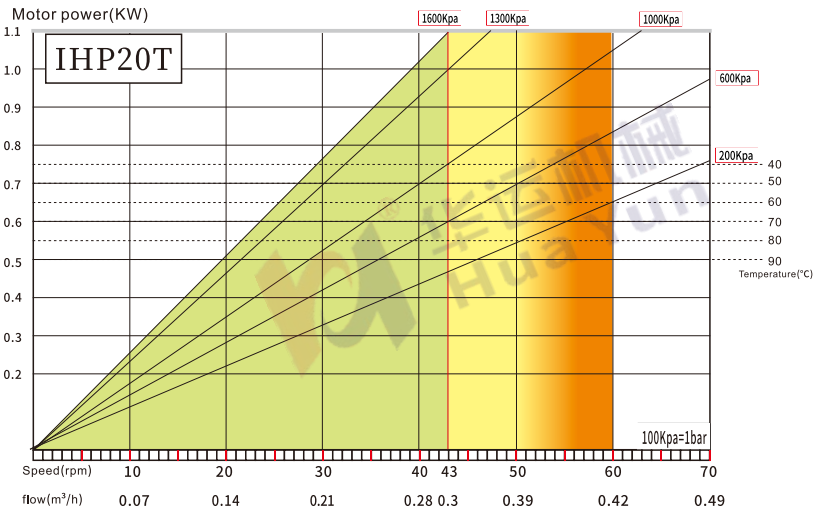
Products dimension

Unit : mm

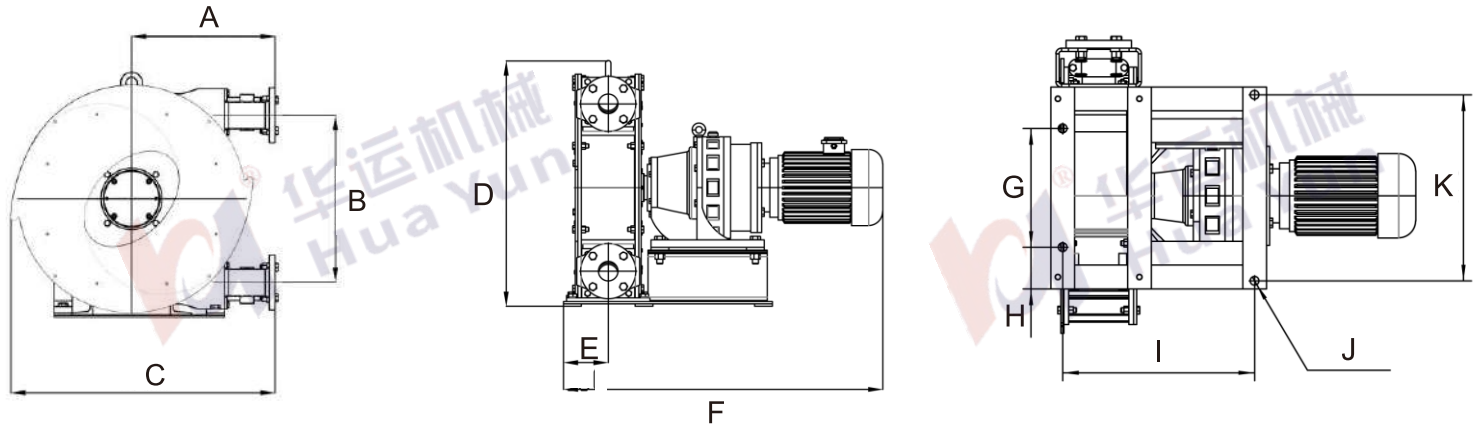
Modle	A	B	C	D	E	F	G	H	I	J	K	L	Flange
IHP20T	245	200	397	344	169	70.5	616	120	60	345	Φ13	205	DN20
IHP25T	329	250	519	417.5	202	79	662	160	70	350	Φ18	260	DN25
IHP32T	336	305	566	488	242	93	687	160	95	375	Φ18	300	DN32
IHP40T	353	382	628	581	280	106	846.5	240	90	515	Φ22	360	DN40

Curve of working

Continuous working Intermittent working Not recommending working



Single hose pump
(IHP50T--75T)

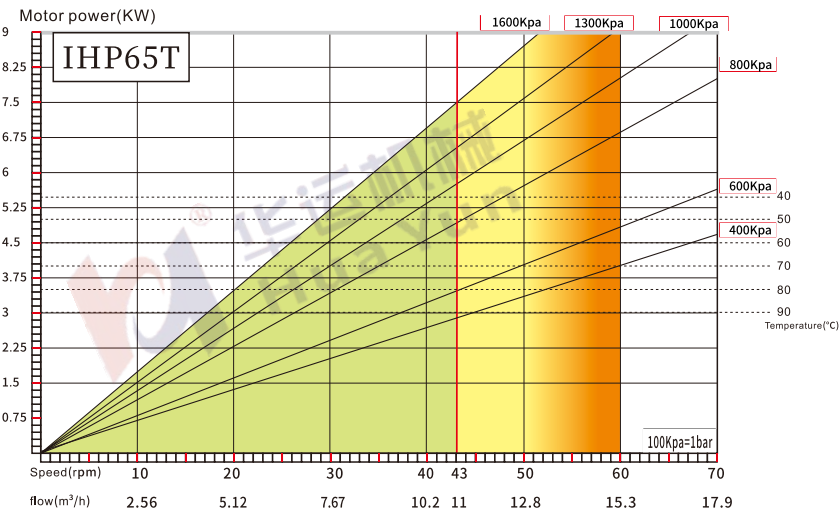
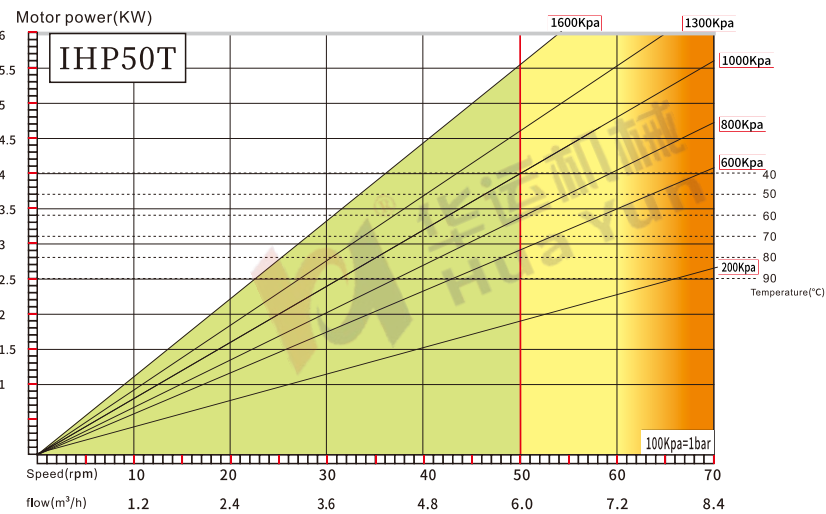


Products dimension

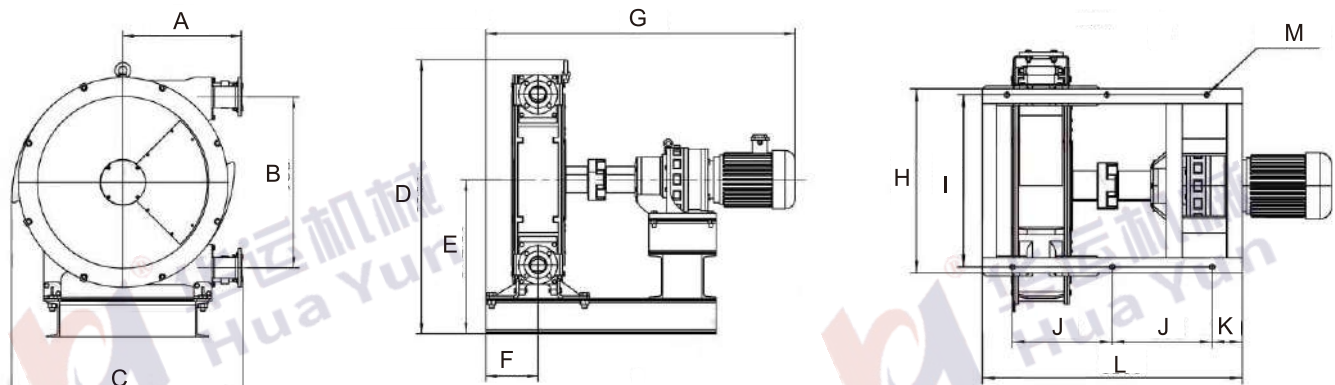
Unit : mm												
Model	A	B	C	D	E	F	G	H	I	J	K	Flange
IHP50T	393	473	740	718.5	121	922	300	108	485	Φ22	470	DN50
IHP65T	480	560	885	821	150	1070	350	110	640	Φ22	510	DN65
IHP75T	467	584	875	868	158	1077	400	97.5	660	Φ22	535	DN80

Curve of working

Continuous working Intermittent working Not recommending working



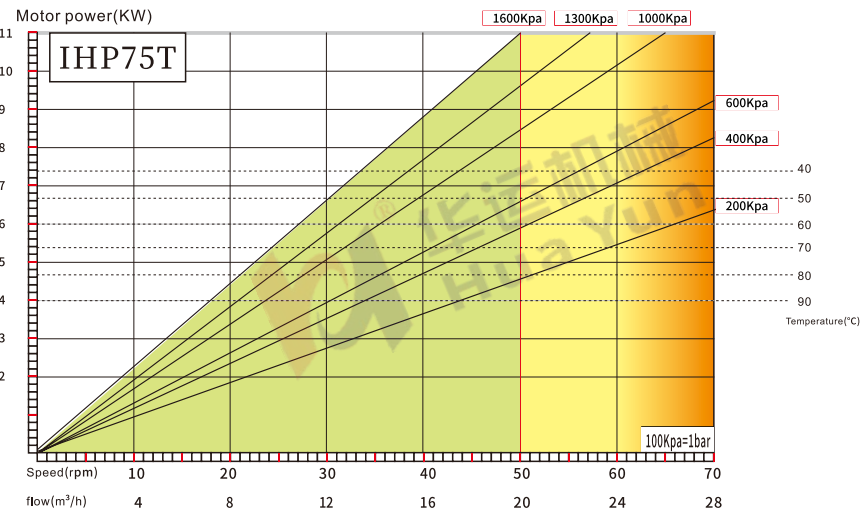
Single hose pump
(IHP90T--100T)



Products dimension

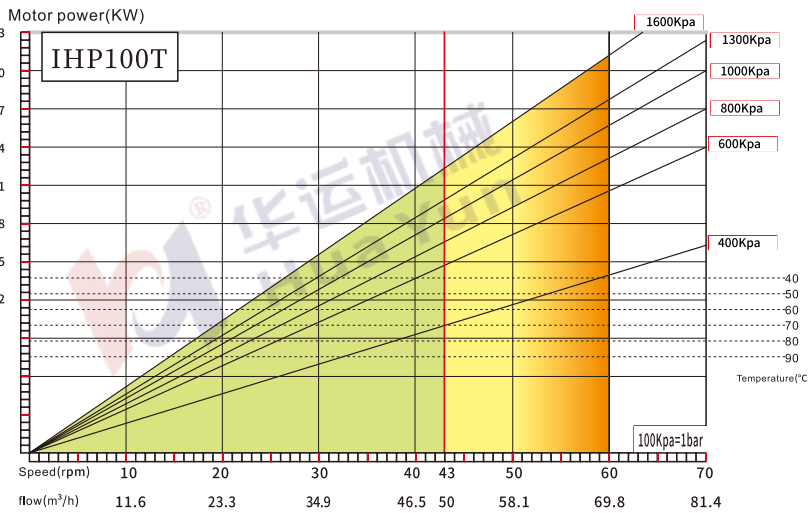
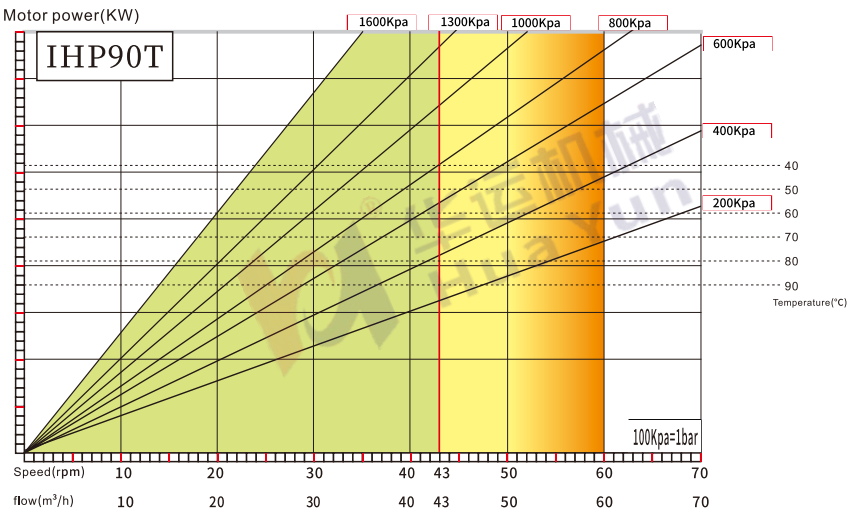
Unit : mm

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	Flange
IHP90T	667	965	1307	1550	872.5	294	1746	920	860	500	150	1300	Φ26	DN100
IHP100T	707	1090	1390	1416	755	250	1788	—	970	650	—	1300	Φ26	DN100



--IHP50T

Curve of working



Continuous working Intermittent working Not recommending working