US VACUUM PUMPS LLC

LRH-200SH & LRH-300SH DIMENSIONS
BARE SHAFT CONSTRUCTION W/ MECHANICAL SEAL

US VACUUM LRH pumps are Two stage liquid ring vacuum pumps capable of producing a vacuum to 29” Hg . The pumps are available in various materials of construction (FS = Iron/Stainless steel, SS = All stainless steel).

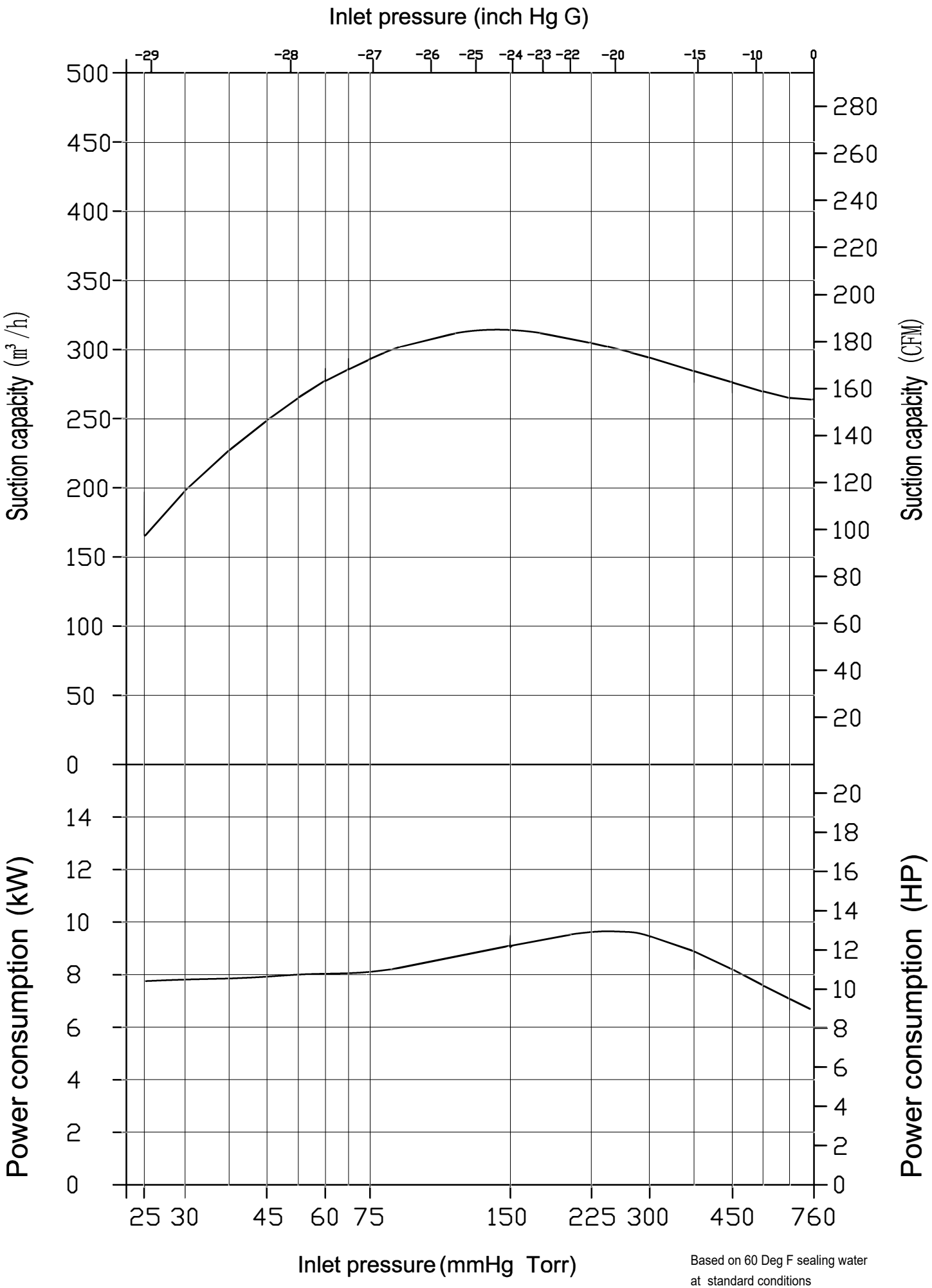
Pumps are provided with threaded connections for service liquid, pump draining, vacuum relief valve and companion flanges. Optional items include inlet check valve, vacuum relief valve, flow control, solenoid valve, vacuum and temperature gauges.

Pumps can also come as completely packaged units using water or water as a seal fluid.

TECHNICAL DATA

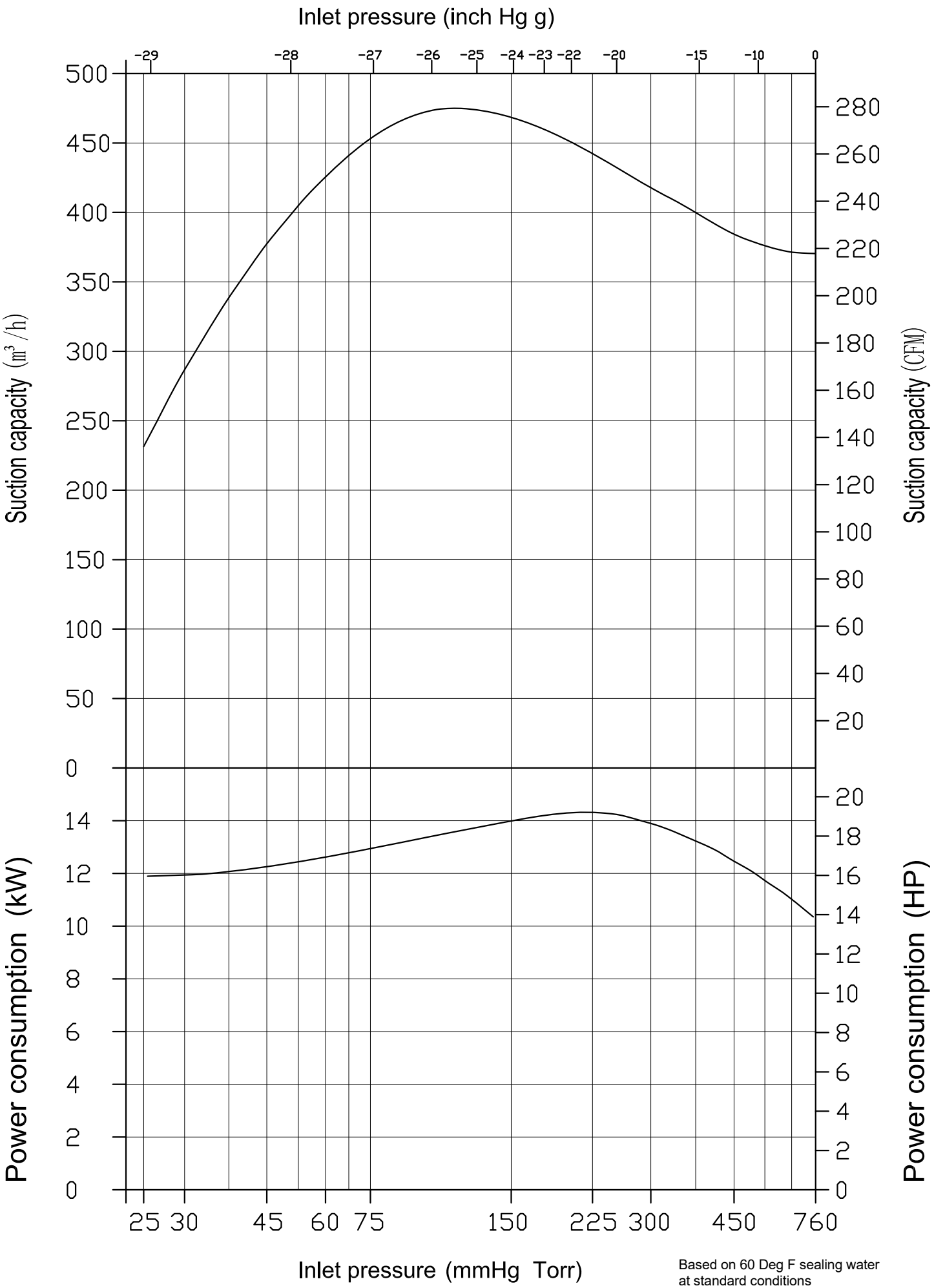
PUMP TYPE		LRH 200SH	LRH 300SH
Pumping Capacity (@ 25" Hg)	CFM	190	280
Speed	RPM	1750	1750
Motor-Installed power	HP	15	25
Average service liquid flow	GPM	8	13
Noise level at 60 Torr	db(A)	72	74
Minimum suction pressure	Torr	25	25

LRH-200SH (60Hz)



Based on 60 Deg F sealing water
at standard conditions

LRH-300SH (60Hz)



Based on 60 Deg F sealing water
at standard conditions

CONNECTIONS

No. 1 : Suction Port, 2” ANSI

No.2: Discharge Port, 2” ANSI

No.3: Water Inlet, 1”

No.4: Relief Valve port, 3/4”

No.5: Auto Drain port, 1/4”

No6.: Auto Drain port, 3/4”

No.7, 8: Casing drain, 1/4”

No.9: Gauge connection, 1/4”

No.10: Attenuation port, 1/4”

POWER

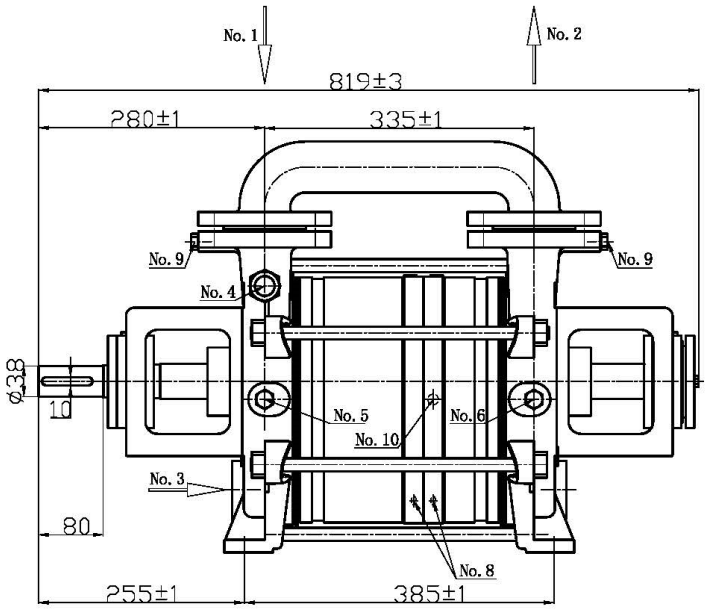
Motor Hp: 15

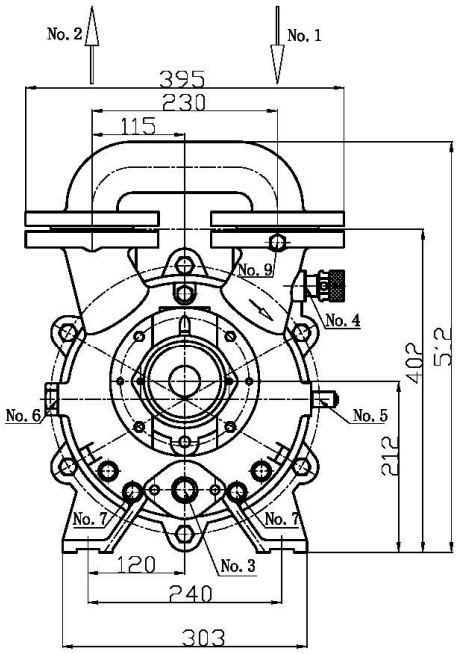
RPM: 1750

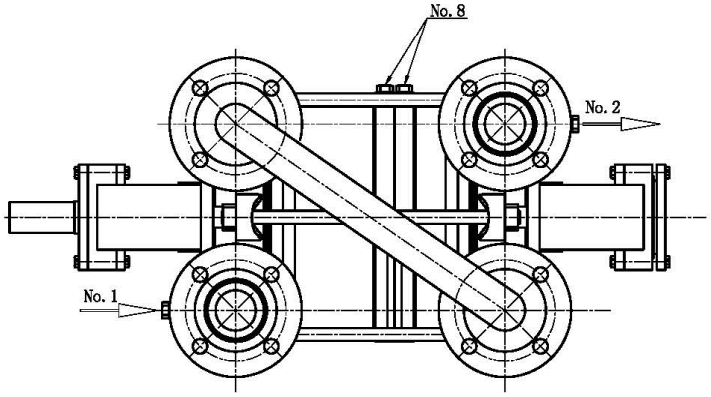
FLOW

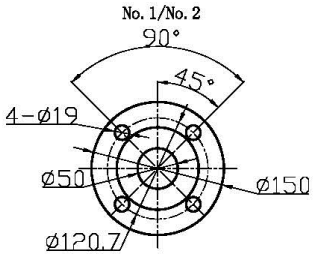
Water: 8 gpm

Suction: 190 acfm @ 25” HgV









MODEL: LRH-200SH Liquid Ring Vacuum Pump

Displacement: 190 cfm Max Vacuum: 29”Hg

US VACUUM PUMPS LLC * PO BOX 909 * CANTON, TX 75103 * PH: 888-416-7366 * www.usvacuumpumps.com

CONNECTIONS

No. 1 : Suction Port, 2” ANSI

No.2: Discharge Port, 2” ANSI

No.3: Water Inlet, 1”

No.4: Relief Valve port, 3/4”

No.5: Auto Drain port, 1/4”

No6.: Auto Drain port, 3/4”

No.7, 8: Casing drain, 1/4”

No.9: Gauge connection, 1/4”

No.10: Attenuation port, 1/4”

POWER

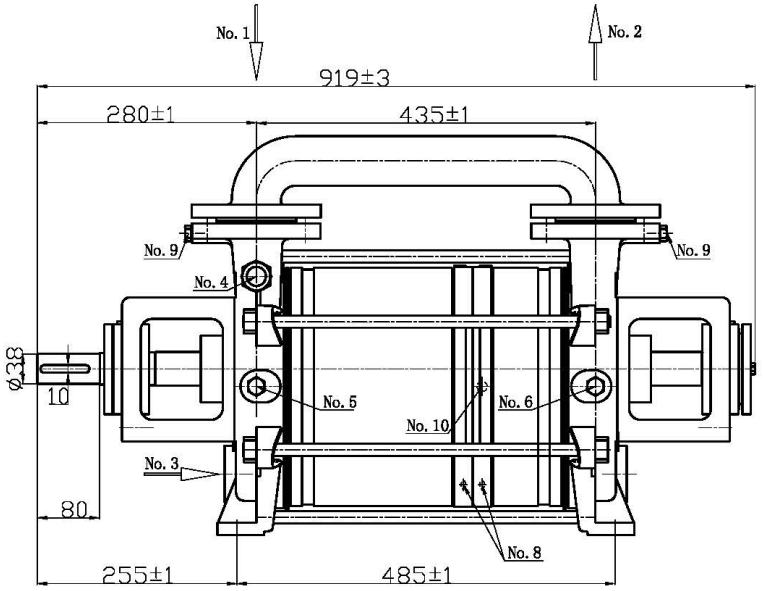
Motor Hp: 25

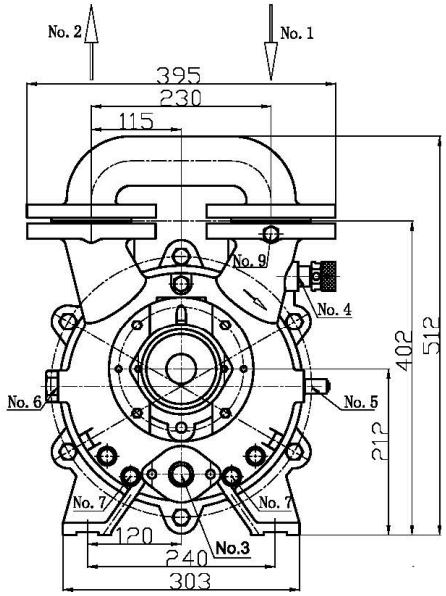
RPM: 1750

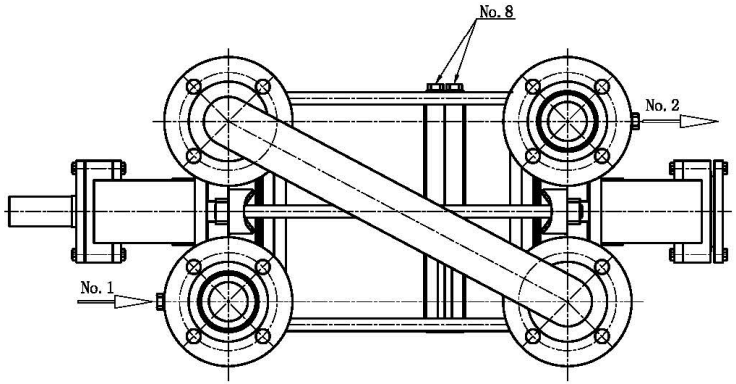
FLOW

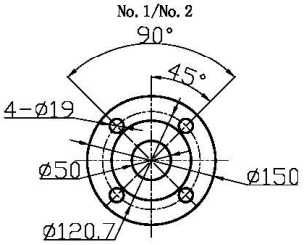
Water: 13 gpm

Suction: 280 acfm @ 25” HgV









MODEL: LRH-300SH Liquid Ring Vacuum Pump

Displacement: 280 cfm Max Vacuum: 29”Hg

US VACUUM PUMPS LLC * PO BOX 909 * CANTON, TX 75103 * PH: 888-416-7366 * www.usvacuumpumps.com