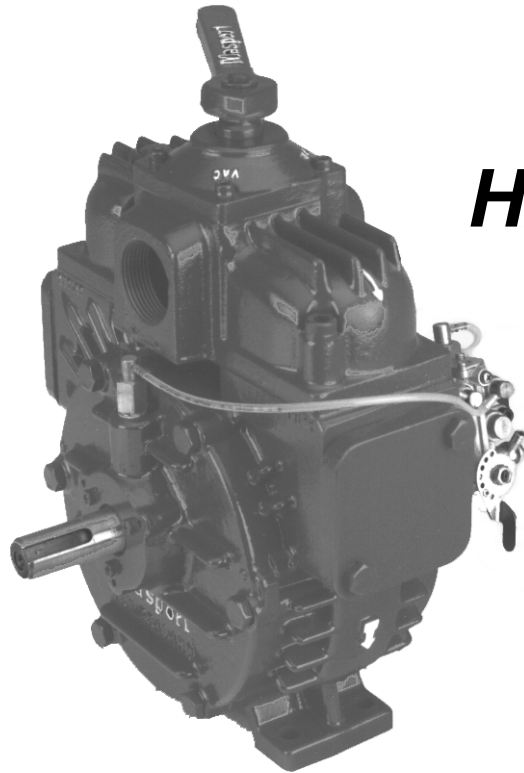


Masport® HXL-Series II Vacuum / Pressure Pumps



HXL2V

◆ **Mechanical Oil Pump**

- Automatic Oiling.
- No Adjustment Required.
- Delivers Right Amount of Oil at All Working Levels.

◆ **End Thrust Protection**

- Prevents Rotor-to-Endcover Contact Created by Direct P.T.O. Drive or Misaligned Belt Driven Systems.

◆ **Double End Shaft**

- Accommodates Clockwise or Counter-Clockwise Drive Systems.

◆ **Integral Valve**

- Allows Pump to Operate in Vacuum and Pressure Mode.
- Reduces Plumbing and Installation Costs.

◆ **Exclusive Porting Design**

- Multiple Inlet and Outlet Porting Design for Greater Ease and Plumbing Versatility.

◆ **Masport Quality & Performance**

- Achieve Minimum of 27" Hg (Intermittent).
- Precise Machining and Assembly.
- Heavy Duty Bearings.
- Viton Oil Seals for Longer Service Life.
- Vanes are Heat Stabilized and Machined to Exacting Tolerances for Superior Ruggedness and Durability.
- Easy to Service.
- Superior Pump Life.

◆ **Performance Warranty**

- One Year Warranty.

Masport®

PERFORMANCE DATA

Performance Data – Vacuum

Pump R.P.M.	Displacement C.F.M.	S.C.F.M. and A.C.F.M. @ VACUUM											Maximum Vacuum – "Hg	
			5	10	15	18	20	22	24	25	26	27	Continuous	Intermittent
1225	53	SCFM	44	35	26	20	16	13	10	8	6	4.4	20	27
		ACFM	52	52	51	49	49	48	48	47	47	44		
1425	61	SCFM	50	39	29	22	18	14	11	9	7	4.9	20	27
		ACFM	60	59	58	55	55	54	54	52	50	49		
1750	75	SCFM	61	48	36	27	22	17	13	11	9	6	20	27
		ACFM	74	72	71	67	67	66	66	64	61	60		

Performance Data – Pressure

Pump R.P.M.	Displacement C.F.M.	S.C.F.M. @ P.S.I.G.											Maximum Pressure – P.S.I.G.		
			5	6	7	8	9	10	11	12	13	14	15	Continuous	Intermittent
1225	53		42	40	39	39	38	38	36	35	35	32	30	15	15
1425	61		55	54	54	54	53	53	52	52	51	49	47	15	15
1750	75		67	67	66	66	65	65	64	63	62	61	58	15	15

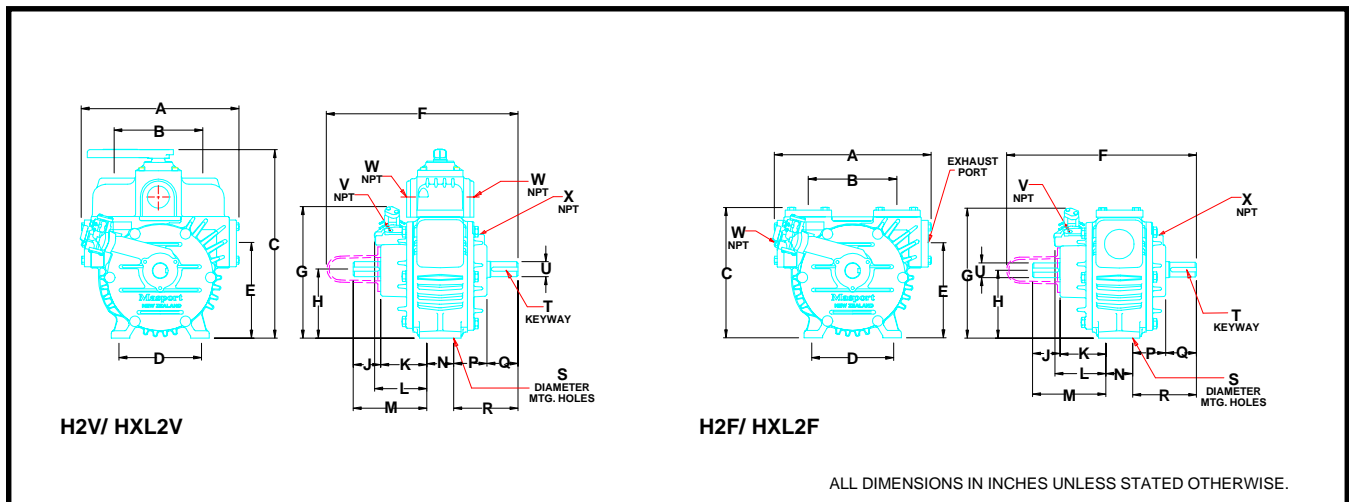
Horsepower Required @ "Hg

Pump R.P.M.	Vacuum "Hg				
	5	10	15	20	26
1225	1.8	2.1	2.2	2.4	2.7
1425	2.1	2.4	2.5	2.8	3.1
1750	2.6	3.0	3.2	3.5	3.8

Horsepower Required @ P.S.I.G.

Pump R.P.M.	P.S.I.G.		
	5	10	15
1225	2.9	3.1	3.9
1425	3.2	3.4	4.3
1750	4.0	4.3	5.4

DIMENSIONAL DATA



ALL DIMENSIONS IN INCHES UNLESS STATED OTHERWISE.

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X
HXL2V	11 11/16	6 7/16	13 31/32	6 3/32	7	13 25/32	8 27/32	5	1 11/16	3 1/16	3 9/32	4 23/32	2	2 15/32	2 9/32	4 23/32	15/32	7mm x 8mm x 1 3/8	25mm	1/8	1 1/2	1/4
HXL2F	11 11/16	6 7/16	9 23/32	6 3/32	7	13 25/32	8 27/32	5	1 11/16	3 1/16	3 9/32	4 23/32	2	2 15/32	2 9/32	4 23/32	15/32	7mm x 8mm x 1 3/8	25mm	1/8	1 1/2	1/4
H2V	11 11/16	6 7/16	13 31/32	6 3/32	7	13 3/16	---	5	2 9/32	2 15/32	---	---	2	---	---	---	15/32	7mm x 8mm x 1 3/8	25mm	---	1 1/2	1/4
H2F	11 11/16	6 7/16	9 23/32	6 3/32	7	13 3/16	---	5	2 9/32	2 15/32	---	---	2	---	---	---	15/32	7mm x 8mm x 1 3/8	25 mm	---	1 1/2	1/4

For additional information on these quality Masport Vacuum / Pressure Pumps contact:



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