

Masport® HXL-Series II Vacuum / Pressure Pumps



HXL15WV

◆ 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.

◆ Liquid Cooled Design

- Prevents Winter Freeze-ups.
- Allows Pump to Operate @ 25" Hg Continuously.
- Reliable Operation Under Extreme Hot or Cold Weather Conditions.

◆ 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.

◆ 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 with 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
1100	303	SCFM	211	165	120	90	71	54	31	23	15	5.2	25	27
		ACFM	253	248	239	225	213	201	153	136	113	52		
1275	350	SCFM	246	175	139	104	83	62	38	26	16	6	25	27
		ACFM	295	263	278	261	248	233	192	158	118	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	10	15	18	20	25	30	Continuous	Intermittent
1100	303	254	242	231	217	204	192	180	20	30
1275	350	293	279	266	251	235	222	207	20	30

Horsepower Required @ P.S.I.G.

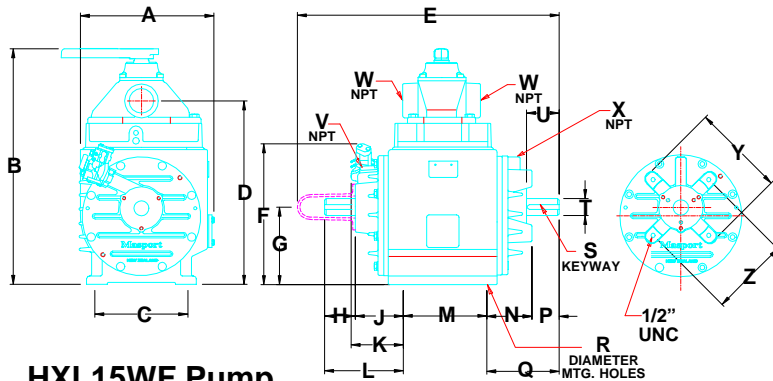
Pump R.P.M.	S.C.F.M. @ P.S.I.G.					
	5	10	15	20	25	30
1000	12.2	15.8	20.2	24.1	28	31.5
1100	13.5	17.4	22.2	26.5	30.8	34.7
1250	15.6	20.1	25.7	30.7	35.7	40.2

Horsepower Required @ "Hg

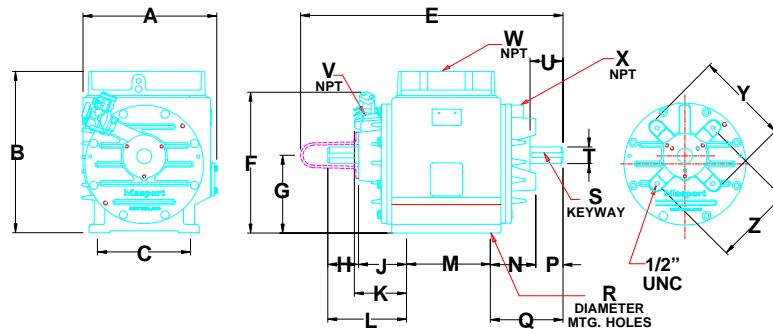
Pump R.P.M.	Vacuum "Hg				
	5	10	15	20	27
1000	9.1	10.8	11.4	12.5	14
1100	10	11.8	12.5	13.7	15.4
1250	11.6	13.7	14.5	15.9	17.8

DIMENSIONAL DATA

HXL15WV Pump



HXL15WF Pump



	HXL15WV	HXL15WF
A	13	13
B	24	16 1/16
C	8 11/16	8 11/16
D	19 5/16	—
E	25 29/32	25 29/32
F	12 5/8	12 5/8
G	7 7/16	7 7/16
H	3 25/32	3 25/32
J	4 1/4	4 1/4
K	5 1/32	5 1/32
L	8 1/32	8 1/32
M	9 7/16	9 7/16
N	4 13/32	4 13/32
P	3 5/8	3 5/8
Q	8 1/32	8 1/32
R	9/16	9/16
S	5/16 x 5/16 x 2	5/16 x 5/16 x 2
T	1 3/8	1 3/8
U	4 1/8	4 1/8
V	1/8	1/8
W	3	2 1/2
X	1/4	1/4
Y	8 15/32	8 15/32
Z	7 1/4	7 1/4

ALL DIMENSIONS IN INCHES.

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



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