

4-WAY VALVE DIRECTION FOR ULTIMATE TRUCK PERFORMANCE

4-Way Valve technology provides the power and flexibility to enable the vacuum or pressure capability you need.





ULTIMATE VACUUM / PRESSURE OFF-LOADING PERFORMANCE

Hibon Ingersoll Rand, a leading supplier of three-lobe, positive displacement blowers and accessories for the vacuum truck industry has design engineered a complete range of **4-WAY Valves** to match various pipe sizes.

The new valves allow the reversal of the positive displacement blower airflow from vacuum to pressure, to offload material from the vacuum truck debris tank. Valves are available at pipe sizes that match specific needs involved and with an optional pneumatic actuator.

FEATURES & BENEFITS



REDUCED PRESSURE DROP

+ SUPERIOR PRESSURE / VACUUM PERFORMANCE

Hibon valves have more valve surface area resulting in less pressure drop through the valve, more workable vacuum or pressure.

+ UP TO 55% LESS PRESSURE DROP

Best in class.



REDUCED DISCHARGE TEMPERATURE

+ LESS EXPOSURE

Blowers have less exposure to high temperature operation. Extends life of gear oil, bearings, gears and seals.

+ SAFE ZONES

Hibon blowers operate in safe temperature zones.

+ UP TO 40% COOLER

Discharge temperatures are up to 40% cooler than the competition.



DURABLE CONSTRUCTION

+ WITHSTANDS HARSHTEST OF CONDITIONS

Hibon valves are designed to withstand even the harshest of working conditions.



MATING FLANGE & GASKETS

+ 8" & 10"

Mating Flange and Gaskets included with 8" and 10" valves.

+ 4" & 6"

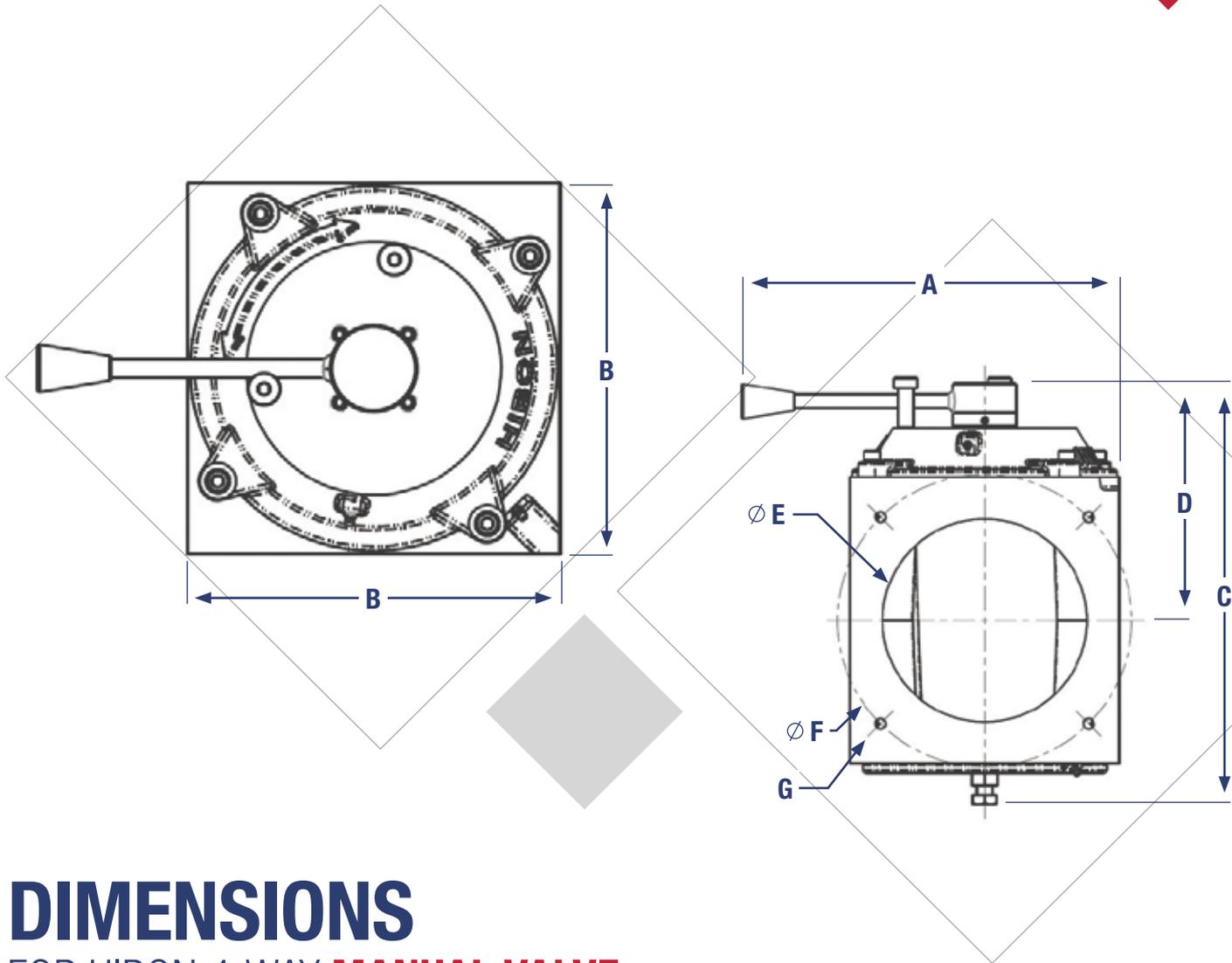
Mating Flange and Gaskets available as option adders for the 4" and 6" valves.



ROBUST HANDLE ASSEMBLY

+ ENGINEERED TO LAST

Components are engineered to last longer in extreme environments to prevent seizures.

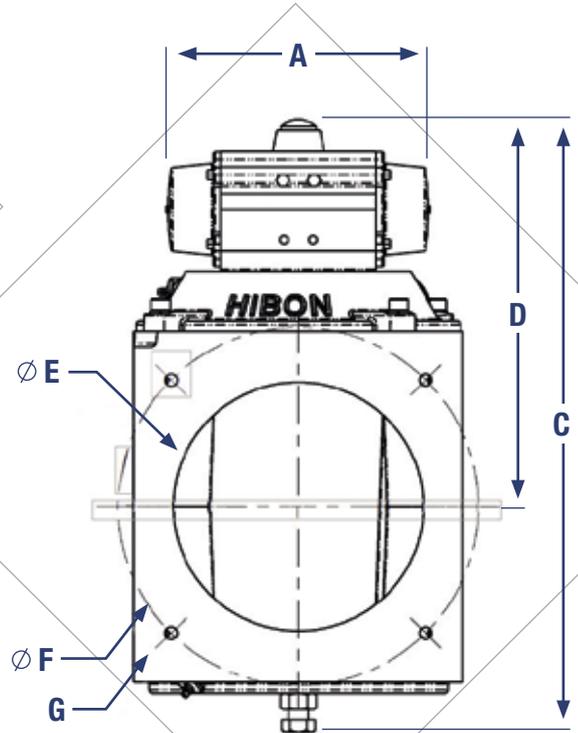
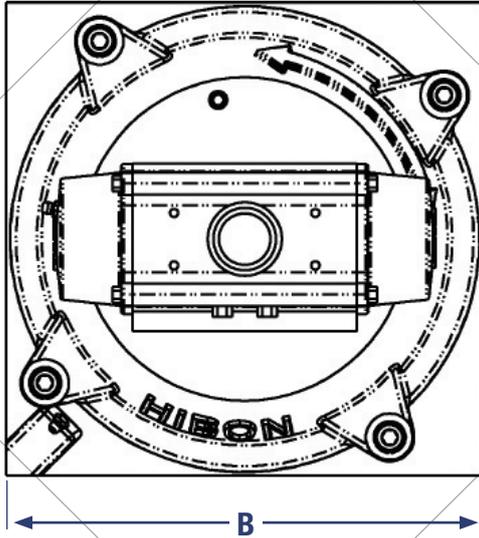


DIMENSIONS

FOR HIBON 4-WAY **MANUAL VALVE**

MODEL		A	B	C	D	E	F	G	WEIGHT
4"	inch	13 3/8	7 1/2	11 3/4	6 15/16	4 1/4	6 1/8 & 7 1/2	M8, 4 HOLES & M16, 4 HOLES	55 lbs
	mm	339	191	298	176	108	156 & 191		25 kg
6"	inch	13 9/16	7 7/8	13 15/16	7 7/8	6 1/16	8 7/8	M12, 4 HOLES	70 lbs
	mm	344	200	354	201	154	226		31.8 kg
8"	inch	14 15/16	10 5/8	16 15/16	9 5/8	8	11 5/8	M12, 4 HOLES	158 lbs
	mm	379	270	431	245	203	295		71.6 kg
10"	inch	16 7/8	14 5/8	19 5/8	11	10	14 1/4	M20, 8 HOLES	340 lbs
	mm	429	371	498	280	254	362		154 kg

NOTE: DRAWINGS ARE GENERIC FOR INFORMATION ONLY. FOR EXACT BOLT HOLE POSITION CONSULT FACTORY.



DIMENSIONS

FOR HIBON 4-WAY PNEUMATIC VALVE

MODEL		A	B	C	D	E	F	G	WEIGHT
4"	inch	8 1/2	7 1/2	14 5/8	9 7/8	4 1/4	6 1/8 & 7 1/2	M8, 4 HOLES & M16, 4 HOLES	58 lbs
	mm	216	191	372	205	108	156 & 191		26.3 kg
6"	inch	8 1/2	7 7/8	16 7/8	10 7/8	6 1/16	8 7/8	M12, 4 HOLES	73 lbs
	mm	216	200	428	275	154	226		33.3 kg
8"	inch	8 1/2	10 5/8	19 7/8	12 9/16	8	11 5/8	M12, 4 HOLES	161 lbs
	mm	216	270	505	319	203	295		73.1 kg
10"	inch	10 5/8	14 5/8	23 3/8	14 13/16	10	14 1/4	M20, 8 HOLES	349 lbs
	mm	270	371	594	376	254	362		158 kg

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