

NPV

DUCO Scavenger Valve Recycle Mill - Heavy Trash Applications

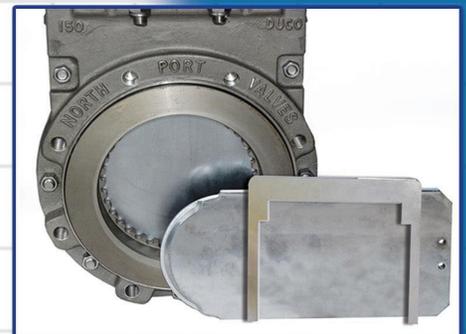
Series 300

Features and Benefits :

1. DUCO Scavenger design removes cavities/pockets thus eliminating problems caused from accumulation of solids that can prevent proper cycling of valve
2. Hardened gate, hardened seat cartridge, and hardened back up guide prolong life of valves in heavy solid and heavy trash applications
3. Hardened serrated ring and hardened beveled gate allow valve to shear heavy solids and still achieve effective metal to metal sealing
4. Hardened seat ring and hardened gate guide also serve as scrapers to prevent solids from being dragged into packing area when valve is cycled
5. Two-piece body design and use of replaceable wear components allow valves to be fully repaired by factory to like new condition, making DUCO valves very cost effective. Repair cost is 50-60% of the current list price of the valve
6. All DUCO Scavenger valves are supplied with NPV high cycle pneumatic cylinder, limit switch brackets, and stainless steel cylinder lockout
7. Gates are chrome plated to reduce friction on packing, reducing valve torque and extending packing life
8. DUCO Scavenger Valve available in sizes 3" – 30"



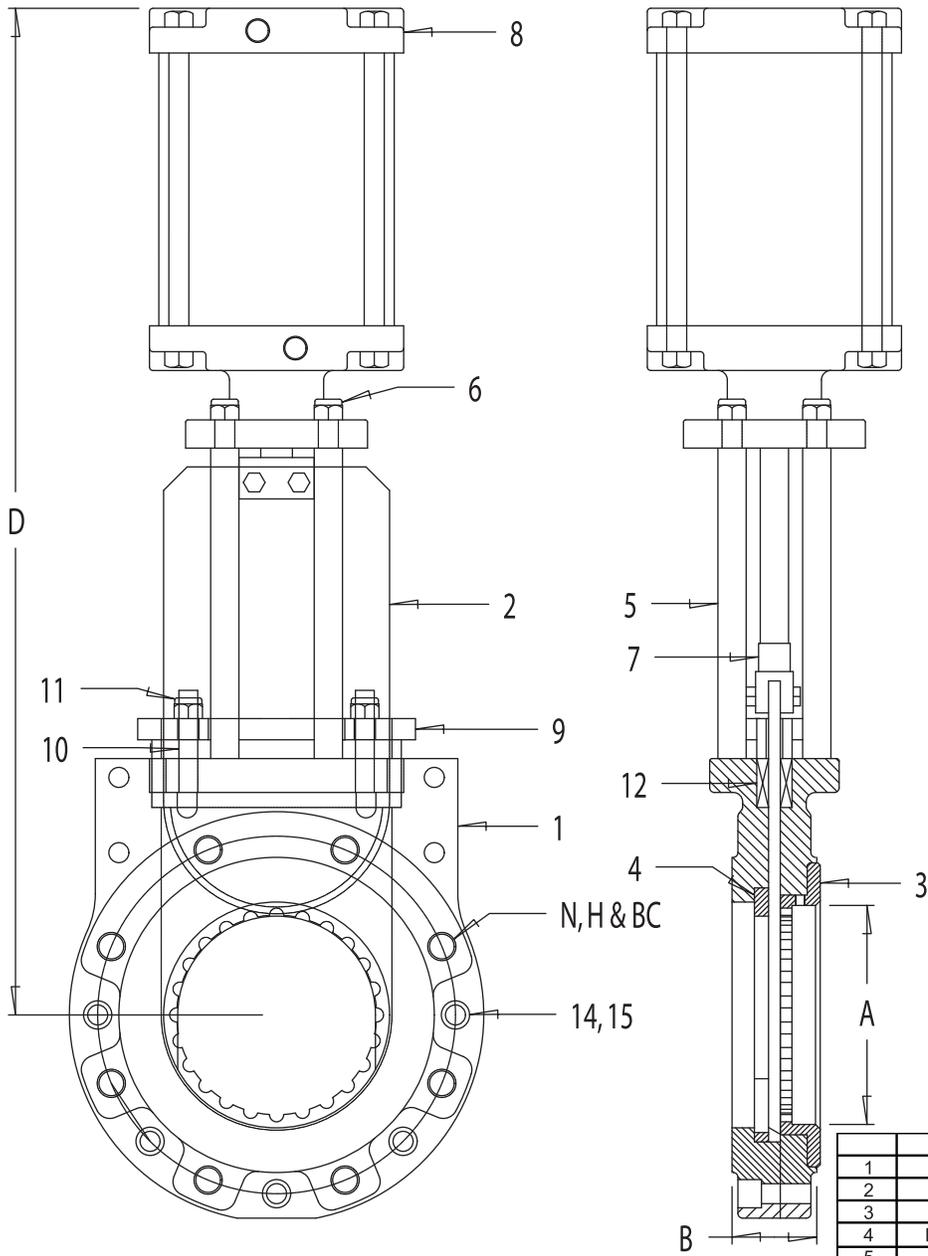
Outlet of the Valve



Factory replaceable – hardened gate, cartridge and guide for extremely abrasive conditions

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	PART NAME	MATERIAL
1	BODY	CG8M (317 S.S.)
2	HARDENED GATE	IVEX 600 (CHROMED)
3	HARDENED INSERT RING	STAINLESS STEEL
4	HARDENED BACKUP RING	IVEX 600
5	STANCHION	303 S.S.
6	STANCHION NUTS	18.8 S.S.
7	COUPLING	CG8M (317 S.S.)
8	AIR CYLINDER	N/A
9	PACKING GLAND	CG8M (317 S.S.)
10	PACKING GLAND STUD	18.8 S.S.
11	PACKING GLAND NUT	18.8 S.S.
12	PACKING	SYNTHETIC (2-12PH)
13	BODY BOLTS	18.8 S.S.
14	BODY NUTS	18.8 S.S.

	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	30"
A	3"	3 3/4"	4 7/8"	5 3/4"	7 5/8"	9 1/2"	11 1/8"	13 3/16"	15 35/64"	17 7/16"	19 11/32"	23"	28 5/16"
B	2"	2"	2 1/4"	2 1/4"	2 3/4"	2 3/4"	3"	3"	3 1/2"	3 1/2"	4 1/2"	4 1/2"	4 1/2"
N(HOLES)	4	8	8	8	8	12	12	12	16	16	20	20	28
H(TAP)	5/8" - 11	5/8" - 11	3/4" - 10	3/4" - 10	3/4" - 10	7/8" - 9	7/8" - 9	1" - 8	1" - 8	1 1/8" - 7	1 1/8" - 7	1 1/4" - 7	1 1/4" - 7
BC	6"	7 1/2"	8 1/2"	9 1/2"	11 3/4"	14 1/4"	17"	18 3/4"	21 1/4"	22 3/4"	25"	29 1/2"	36"
C	7 1/2"	7 1/2"	9"	9"	11 3/4"	11 3/4"	15 3/4"	15 3/4"	15 3/4"	20"	20"	23 5/8"	26 3/4"
D	13 1/2"	15"	17"	18 1/4"	23"	28"	31 7/8"	36 7/8"	44 1/2"	48 1/4"	53 7/8"	61"	72 1/2"
D1	17 1/8"	19"	22 3/8"	23 1/2"	30 5/8"	37 1/2"	43 7/8"	50 5/8"	60 1/2"	66"	73 5/8"	84 3/4"	106"
WGT.	27	32	38	48	86	120	164	228	390	438	630	960	1390