

Numatics Incorporated
Air Bellows Crossover Sheet

SINGLE CONVOLUTED DESIGN

28-Apr-05 Rev. #9

NUMATICS

**ENIDINE
GOODYEAR**

FIRESTONE AIRSTROKE / AIRMOUNT COMPONENTS:

NUMATICS PART #	PART	#s	TYPE:	Style #	FIRESTONE PART #	PORT SIZE	C/L of			MIN	MAX	MAX	PLATE	Bumper:	Weight:	COMMENTS:
							Threads	Port Offset	4 Holes ONLY							
							"AA" DIM	"AB" DIM	"AC" DIM	HGT.	HGT.	OD:	OD:			
ASNS11-1-1	Y1-1B6	-500	SINGLE	16	W01-358-7001	1/4"	1.75	0	0	1.9	3.5	6	4.5		2.5	
		-502	SINGLE		W01-358-6996	1/4"	1.75	0	0	1.9	3.5	6	4.5			
ASNS11-2-1		-530	SINGLE	131	W01-358-7731	1/4"	1.75	0.00	0.00	2.0	4.5	6.50	4.50		2.8	
			SINGLE		W01-358-7742	3/4"	1.75	0.00	0.00	2.0	4.5	6.50	4.50		2.8	
			SINGLE	160	W01-358-7751	1/4"	1.75	0.00	0.00	2.1	7.0	7.20	4.50		3.0	
			SINGLE		W01-358-1152	3/4"	1.75	0.00	0.00	2.1	7.0	7.20	4.50		3.0	
ASNS11-3-1	Y1-1B7	-540	SINGLE	110	W01-358-7451	1/4"	1.75	0.00	0.00	2.0	6.0	8.30	4.50		3.0	
			SINGLE		W01-358-7484	3/4"	1.75	0.00	0.00	2.0	6.0	8.30	4.50		3.0	
ASNS18-4-1-2	Y1-1B8	-550	SINGLE	116	W01-358-7564	1/4"	2.75	0.00	0.00	2.0	6.0	9.10	5.31		4.3	
ASNS18-4-1		-552	SINGLE		W01-358-7561	3/4"	2.75	0.00	0.00	2.0	6.0	9.10	5.31		4.3	
ASNS18-5-1-2		-560	SINGLE	116-1	W01-358-7598	1/4"	2.75	0.00	0.00	2.0	7.0	9.60	5.31		5.5	
ASNS18-5-1		-562	SINGLE		W01-358-7605	3/4"	2.75	0.00	0.00	2.0	7.0	9.60	5.31		5.5	
ASNS31-3-1-2	Y1-1B9	-201	SINGLE	115	W01-358-7460	1/4"	3.50	1.75	0.00	2.0	6.0	10.10	6.31		5.5	
		-201	SINGLE		W01-358-7459	1/4"	3.50	1.75	0.00	2.0	6.0	10.10	6.31	YES	5.5	
ASNS31-3-1		-207	SINGLE		W01-358-7465	3/4"	3.50	1.50	0.00	2.0	6.0	10.10	6.31		5.5	
			SINGLE		W01-358-7458	3/4"	3.50	1.50	0.00	2.0	6.0	10.10	6.31	YES	5.5	
			SINGLE	124	W01-358-7650	1/4"	3.50	1.75	0.00	2.0	6.0	10.10	6.31		5.5	HIGH STRENGTH BELLOWS
			SINGLE		W01-358-7549	3/4"	3.50	1.50	0.00	2.0	6.0	10.10	6.31		5.5	HIGH STRENGTH BELLOWS
ASNS51-3-1-2	Y1-1B12	-313	SINGLE	19	W01-358-7008	1/4"	6.20	2.88	0.00	2.0	6.0	12.90	9.00		9.8	
		-301	SINGLE		W01-358-7009	1/4"	6.20	2.88	0.00	2.0	6.0	12.90	9.00	YES	9.8	
ASNS51-3-1		-304	SINGLE		W01-358-7011	3/4"	6.20	2.88	0.00	2.0	6.0	12.90	9.00		9.8	
		-305	SINGLE		W01-358-7012	3/4"	6.20	2.88	0.00	2.0	6.0	12.90	9.00	YES	9.8	
ASNS51-4-1-2			SINGLE	19-.75	W01-358-7040	1/4"	6.20	2.88	0.00	2.0	7.0	13.50	9.00		10.0	
			SINGLE		W01-358-7039	1/4"	6.20	2.88	0.00	2.0	7.0	13.50	9.00	YES	10.0	
ASNS51-4-1			SINGLE		W01-358-7042	3/4"	6.20	2.88	0.00	2.0	7.0	13.50	9.00		10.0	
			SINGLE		W01-358-7043	3/4"	6.20	2.88	0.00	2.0	7.0	13.50	9.00	YES	10.0	
ASNS82-4-1-2	Y1-1B14	-350	SINGLE	113	W01-358-7103	1/4"	6.25	0.00	6.25	2.0	7.0	15.20	11.31		14.5	
		-351	SINGLE		W01-358-7104	1/4"	6.25	0.00	6.25	2.0	7.0	15.20	11.31	YES	14.5	
ASNS82-4-1		-352	SINGLE		W01-358-7101	3/4"	6.25	0.00	6.25	2.0	7.0	15.20	11.31		14.5	
		-353	SINGLE		W01-358-7109	3/4"	6.25	0.00	6.25	2.0	7.0	15.20	11.31	YES	14.5	
			SINGLE	128	W01-358-8151	1/4"	6.25	0.00	6.25	2.0	7.0	15.20	11.31		14.5	HIGH STRENGTH BELLOWS
			SINGLE		W01-358-8149	1/4"	6.25	0.00	6.25	2.0	7.0	15.20	11.31	YES	14.5	HIGH STRENGTH BELLOWS
			SINGLE		W01-358-8152	3/4"	6.25	0.00	6.25	2.0	7.0	15.20	11.31		14.5	HIGH STRENGTH BELLOWS
			SINGLE		W01-358-8150	3/4"	6.25	0.00	6.25	2.0	7.0	15.20	11.31	YES	14.5	HIGH STRENGTH BELLOWS
ASNS82-5-1-2		-364	SINGLE	113-1	W01-358-7091	1/4"	6.25	0.00	6.25	2.0	7.0	15.90	11.31		15.2	
ASNS82-5-1-2			SINGLE		W01-358-7092	3/4"	6.25	0.00	6.25	2.0	7.0	15.90	11.31		15.2	
			SINGLE		W01-358-7094	3/4"	6.25	0.00	6.25	2.0	7.0	15.90	11.31	YES	15.2	
			SINGLE	128-1	W01-358-6160	3/4"	6.25	0.00	6.25	2.0	7.0	15.90	11.31		15.2	HIGH STRENGTH BELLOWS
			SINGLE	153-2	W01-358-8158	1/4"	6.25	3.12 - C/L	6.25	3.0	9.0	18.10	12.21		17.1	
			SINGLE		W01-358-8157	3/4"	6.25	3.12 - C/L	6.25	3.0	9.0	18.10	12.21		17.1	

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FIRESTONE AIRSTROKE / AIRMOUNT COMPONENTS:

NUMATICS PART #	PART	#s	TYPE:	Style #	FIRESTONE PART #	PORT SIZE	C/L of Threads "AA" DIM	Port Offset "AB" DIM	4 Holes ONLY "AC" DIM	MIN HGT.	MAX HGT.	MAX OD:	PLATE OD:	Bumper:	Weight:	COMMENTS:
ASND11-4-1	Y1-2B6	-530	DOUBLE	25	W01-358-7025	1/4"	1.75	0.00	0.00	2.8	7.0	6.40	4.50		3.8	
			DOUBLE		W01-358-7047	3/4"	1.75	0.00	0.00	2.8	7.0	6.40	4.50		3.8	
			DOUBLE		W01-358-7035	1/4"	1.75	0.00	0.00	2.8	7.0	6.40	4.50		3.8	1/4" NPT BOTH ENDS
			DOUBLE		W01-606-7025	3/4"	1.75	0.00	0.00	2.8	7.0	6.40	4.50		3.8	3/4" NPT BOTH ENDS
			DOUBLE	255-1.5	W01-358-6955	1/4"	1.75	0.00	0.00	3.0	8.0	6.40	4.50		3.9	
			DOUBLE		W01-358-6956	1/4"	1.75	0.00	0.00	3.0	8.0	6.40	4.50		3.9	
ASND18-5-1-2	Y1-2B7	-540	DOUBLE	224	W01-358-3400	1/4"	2.75	0.00	0.00	3.0	9.0	8.00	5.31		5.0	
ASND18-5-1		-546	DOUBLE		W01-358-3403	3/4"	2.75	0.00	0.00	3.0	9.0	8.00	5.31		5.0	
ASND16-6-1-2	Y1-2B8	-550	DOUBLE	26	W01-358-7325	1/4"	2.75	0.00	0.00	3.0	10.0	8.60	5.31		5.3	
ASND18-6-1		-552	DOUBLE		W01-358-7327	3/4"	2.75	0.00	0.00	3.0	10.0	8.60	5.31		5.3	
ASND31-6-1-2	Y1-2B9	-200	DOUBLE	20	W01-358-6910	1/4"	3.50	1.75	0.00	3.0	11.0	9.90	6.31		7.5	
		-201	DOUBLE		W01-358-6911	1/4"	3.50	1.75	0.00	3.0	11.0	9.90	6.31	YES	7.5	
ASND31-6-1		-216	DOUBLE		W01-358-6900	3/4"	3.50	1.50	0.00	3.0	11.0	9.90	6.31		7.5	
		-208	DOUBLE		W01-358-6901	3/4"	3.50	1.50	0.00	3.0	11.0	9.90	6.31	YES	7.5	
			DOUBLE		W01-358-7080	1/4"	3.50	1.75	0.00	3.0	11.0	9.90	6.31		7.5	HIGH STRENGTH BELLOWS
			DOUBLE		W01-358-7119	3/4"	3.50	1.50	0.00	3.0	11.0	9.90	6.31		7.5	HIGH STRENGTH BELLOWS
ASND31-8-1-2			DOUBLE	20-2	W01-358-6951	1/4"	3.50	1.75	0.00	3.0	13.0	10.40	6.31		7.7	
			DOUBLE		W01-358-6947	1/4"	3.50	1.75	0.00	3.0	13.0	10.40	6.31	YES	7.7	
ASND31-8-1			DOUBLE		W01-358-6952	3/4"	3.50	1.50	0.00	3.0	13.0	10.40	6.31		7.7	
ASND51-7-1-2	Y1-2B12	-425	DOUBLE	22	W01-358-7180	1/4"	6.20	2.88	0.00	3.0	13.0	12.90	9.00		12.3	
		-309	DOUBLE		W01-358-7400	1/4"	6.20	2.88	0.00	3.0	13.0	12.90	9.00	YES	12.3	
ASND51-7-1		-429	DOUBLE		W01-358-7184	3/4"	6.20	2.88	0.00	3.0	13.0	12.90	9.00		12.3	
		-318	DOUBLE		W01-358-7185	3/4"	6.20	2.88	0.00	3.0	13.0	12.90	9.00	YES	12.3	
			DOUBLE	210	W01-358-7251	1/4"	6.20	2.88	0.00	3.0	13.0	12.90	9.00		12.3	HIGH STRENGTH BELLOWS
			DOUBLE		W01-358-7291	1/4"	6.20	2.88	0.00	3.0	13.0	12.90	9.00	YES	12.3	HIGH STRENGTH BELLOWS
			DOUBLE		W01-358-7250	3/4"	6.20	2.88	0.00	3.0	13.0	12.90	9.00		12.3	HIGH STRENGTH BELLOWS
ASND51-8-1-2		-416	DOUBLE	22-1.5	W01-358-7444	1/4"	6.20	2.88	0.00	3.0	13.0	13.70	9.00		12.9	
			DOUBLE		W01-358-7473	1/4"	6.20	2.88	0.00	3.0	13.0	13.70	9.00	YES	12.9	
ASND51-8-1		-419	DOUBLE		W01-358-7442	3/4"	6.20	2.88	0.00	3.0	13.0	13.70	9.00		12.9	
			DOUBLE		W01-358-7443	1/4"	6.20	2.88	0.00	3.0	13.0	13.70	9.00		12.9	1/4" NPT (CENTERED)
ASND82-7-1-2	Y1-2B14	-354	DOUBLE	21	W01-358-7145	1/4"	6.25	0.00	6.25	3.0	12.0	15.10	11.31		17.3	
		-355	DOUBLE		W01-358-7146	1/4"	6.25	0.00	6.25	3.0	12.0	15.10	11.31	YES	17.3	
ASND82-7-1		-352	DOUBLE		W01-358-7143	3/4"	6.25	0.00	6.25	3.0	12.0	15.10	11.31		17.3	
		-353	DOUBLE		W01-358-7144	3/4"	6.25	0.00	6.25	3.0	12.0	15.10	11.31	YES	17.3	
			DOUBLE	205	W01-358-7208	1/4"	6.25	0.00	6.25	3.0	12.0	15.10	11.31		17.3	HIGH STRENGTH BELLOWS
			DOUBLE		W01-358-7221	1/4"	6.25	0.00	6.25	3.0	12.0	15.10	11.31	YES	17.3	HIGH STRENGTH BELLOWS
			DOUBLE		W01-358-7224	3/4"	6.25	0.00	6.25	3.0	12.0	15.10	11.31		17.3	HIGH STRENGTH BELLOWS
ASND82-9-1-2		-362	DOUBLE	21-2	W01-358-6800	1/4"	6.25	0.00	6.25	4.0	14.0	16.00	11.31		18.2	
		-452	DOUBLE		W01-358-6801	1/4"	6.25	0.00	6.25	4.0	14.0	16.00	11.31	YES	18.2	
ASND82-9-1		-363	DOUBLE		W01-358-9529	3/4"	6.25	0.00	6.25	4.0	14.0	16.00	11.31		18.2	
ASND82-10-1-2			DOUBLE	233-2	W01-358-6810	1/4"	6.25	3.125 C/L	6.25	3.0	16.0	15.50	11.31		19.6	
			DOUBLE		W01-358-7781	1/4"	6.25	3.125 C/L	6.25	3.0	16.0	15.50	11.31	YES	19.6	
ASND82-10-1			DOUBLE		W01-358-6811	3/4"	6.25	3.125 C/L	6.25	3.0	16.0	15.50	11.31		19.6	

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FIRESTONE AIRSTROKE / AIRMOUNT COMPONENTS:

NUMATICS
PART #

PART #s

TYPE:

Style #

FIRESTONE
PART #

PORT
SIZE

C/L of
Threads
"AA"
DIM

Port
Offset
"AB"
DIM

4 Holes
ONLY
"AC"
DIM

MIN
HGT.

MAX
HGT.

MAX
OD:

PLATE
OD:

Bumper:

Weight:

COMMENTS:

Triple Convolted

NUMATICS PART #	ENIDINE GOODYEAR PART #s	TYPE:	Style #	FIRESTONE PART #	PORT SIZE	C/L of Threads "AA" DIM	Port Offset "AB" DIM	4 Holes ONLY "AC" DIM	MIN HGT.	MAX HGT.	MAX OD:	PLATE OD:	Bumper:	Weight:	COMMENTS:
ASNT51-11-1-2	Y1-3B12	304	TRIPLE	352	W01-358-8048	1/4"	6.20	2.88	0.00	5.0	19.0	13.10	10.40	20.3	
ASNT51-11-1		305	TRIPLE		W01-358-8047	3/4"	6.20	2.88	0.00	5.0	19.0	13.10	10.40	20.3	
ASNT82-12-1-2	Y1-3B14	-354	TRIPLE	313	W01-358-7808	1/4"	6.25	0.00	6.25	4.5	18.0	15.10	11.31	19.5	
		-351	TRIPLE		W01-358-7811	1/4"	6.25	0.00	6.25	4.5	18.0	15.10	11.31	19.5	YES
ASNT82-12-1		-361	TRIPLE		W01-358-7802	3/4"	6.25	0.00	6.25	4.5	18.0	15.10	11.31	19.5	
		-353	TRIPLE		W01-358-7807	3/4"	6.25	0.00	6.25	4.5	18.0	15.10	11.31	19.5	YES
			TRIPLE	39	W01-358-1098	1/4"	6.25	0.00	6.25	4.5	18.0	15.10	11.31	19.5	HIGH STRENGTH BELLOWS
			TRIPLE		W01-358-7815	3/4"	6.25	0.00	6.25	4.5	18.0	15.10	11.31	19.5	HIGH STRENGTH BELLOWS
ASNT82-12-1-2			TRIPLE	333	W01-358-7845	1/4"	6.25	3.125 C/L	6.25	4.5	20.0	15.20	11.31	24.6	
ASNT82-12-1			TRIPLE		W01-358-7842	3/4"	6.25	3.125 C/L	6.25	4.5	20.0	15.20	11.31	24.6	
			TRIPLE		W01-358-7838	1/4"	6.25	3.125 C/L	6.25	4.5	20.0	15.20	11.31	24.6	YES
ASNC6-1-1	Y1-013	-13	SGL. CONV.	1M1A-0	W02-358-3000	1/8"	N/A	N/A	N/A	1.5	3.5	3.40	2.88	0.5	PLASTIC STUD
			SGL. CONV.		W02-358-3001	1/8"	N/A	N/A	N/A	1.5	3.5	3.40	2.88	0.5	BRASS STUD
			SGL. CONV.		W02-358-3005	1/8"	N/A	N/A	N/A	1.5	3.5	3.40	2.88	0.5	BRASS STUD, S/S RING
ASNC6-2-1			SGL. CONV.	1M1A-1	W02-358-3003	1/8"	N/A	N/A	N/A	1.5	4.0	3.40	2.88	0.5	BRASS STUD
ASNC6-3-1			SGL. CONV.	2M1A	W02-358-3002	1/8"	N/A	N/A	N/A	2.5	7.0	3.50	2.40	0.6	PLASTIC STUDS, EACH END
			SGL. CONV.		W02-358-3004	1/8"	N/A	N/A	N/A	2.5	7.0	3.50	2.40	0.6	BRASS STUDS, EACH END
ASNC2-1-1			SGL. CONV.	2M2A	W02-358-3008	1/8"	N/A	N/A	N/A	1.2	2.6	2.30	1.34	0.2	PLASTIC STUDS

1. THE NUMATICS AIR BELLOWS HAVE IDENTICAL MOUNTING HOLE SIZE AND LOCATION.
2. THIS CHART IS FOR A QUICK REFERENCE ONLY. PLEASE REVIEW CATALOGS FOR ACTUAL CALCULATIONS.
3. ALWAYS CONFIRM WITH CUSTOMER WHEN SPECIFYING NEW OR REPLACING AN AIR BELLOWS.
4. The 1/4" NPT PORT IS ACHIEVED THROUGH THE INSTALLATION OF A FLUSH MOUNT INSERT.
5. THE NUMATICS PORT LOCATION IS IDENTICAL TO THE COMPETITION.

NOTE: IF A SPECIFIC COMPETITORS UNIT IS NOT FOUND ON THIS SHEET PLEASE CONSULT THE FACTORY