



SIRENE QUADRANTE PNEUMÁTICA

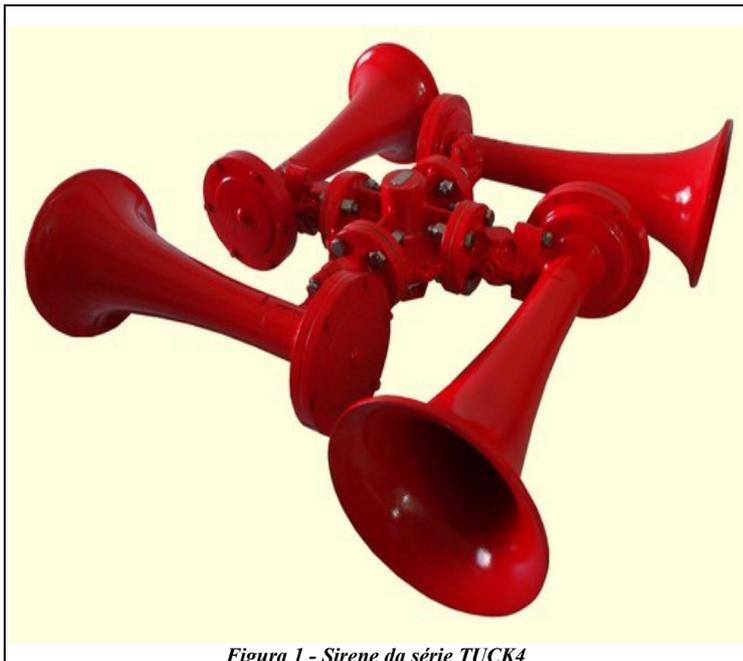


Figura 1 - Sirene da série TUCK4

Características do produto

- Corpo em alumínio fundido;
- Grau de proteção IP54;
- Alcance de 2500 a 3000 metros;
- Acionada com ar, gás carbônico ou nitrogênio;
- Cor vermelha;
- Acionamento através de válvula solenóide ou acionamento manual;

As sirenes quadrantes pneumáticas da série TUCK4 foram projetadas para serviços de sinalização em minas, refinarias e instalações industriais. São ideais para aplicação em áreas classificadas. Possuem formato matematicamente calculado para amplificar o som mantendo sua frequência fundamental e harmônicos naturais.

Informações técnicas:

Referência Tucano	Frequência (Hz)	Intensidade sonora (DB a 1 metro)	Alcance (Km)	Consumo de ar	Dimensões (mm)	Peso (Kg)
TUCK4-1	311	140	3.000	44 L/s* à 7 bar**	690 x690	16,3
TUCK4-2	370	139	3.000	44 L/s à 7 bar	629x629	15,5
TUCK4-3	470	139	2.500	44 L/s à 7 bar	613x613	15,5
TUCK4-4	512	139	2.500	44 L/s à 7 bar	591x591	12,7
TUCK4-5	512	139	2.500	44 L/s à 7 bar	591x591	11,5

* L/s, litros por segundo, é uma unidade de consumo de ar ou vazão de ar.

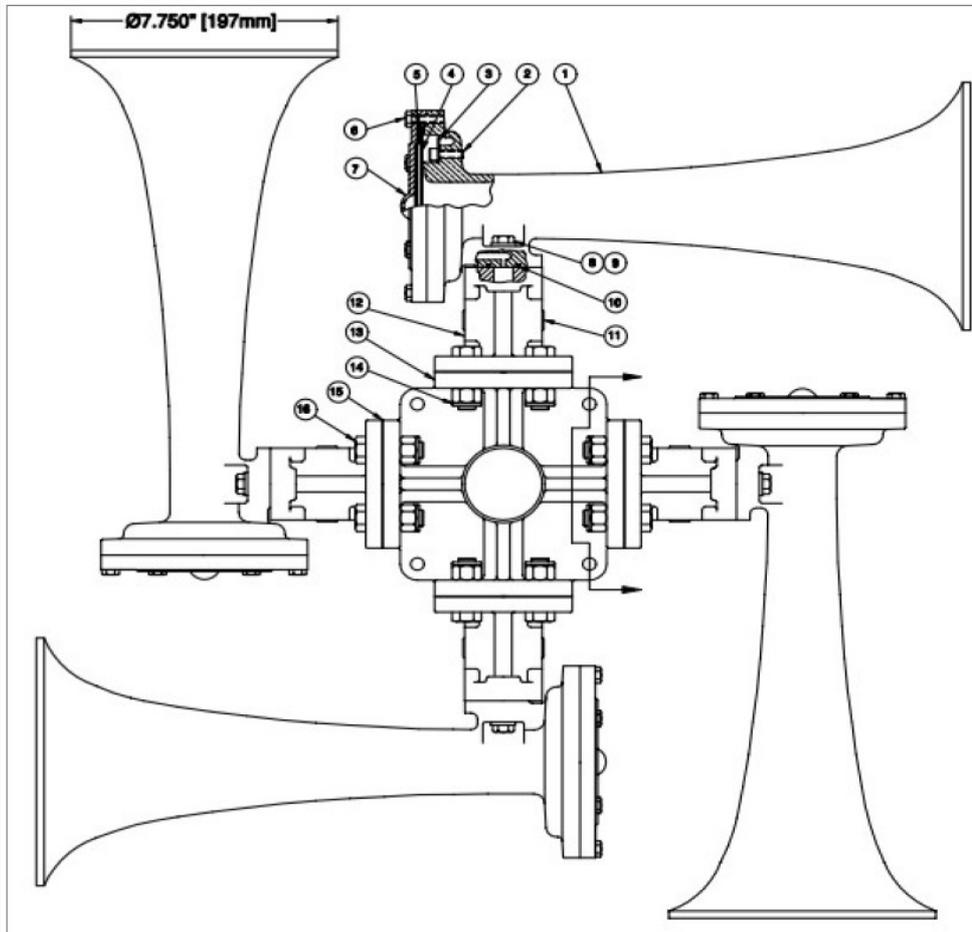
** O **bar** é uma unidade de pressão e equivale a **10⁵ Pa** ou **10⁵ N/m²**

Tabela 1 – Características técnicas das sirenes da série TUCK4



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1. TUCK4-1



REF. PART	DESCRIPTION	MATERIAL	SPECIFICATION	QTY
1 30101	BELL BODY No. 1. 311H2	DIE CAST ALUMINUM	ASTM B26-85	4
2 30144	SOCKET HD. CAP SCREW	STAINLESS STEEL	ASTM F637-91 12	4
3 30143	DIAPHRAGM DISC	STAINLESS STEEL	UNS S30400	4
4 30111	DIAPHRAGM DISC	STAINLESS STEEL	UNS S30100	8
5 30112	CUSHION RING	SILICONE RUBBER	ASTM E2000	4
6 30110	HEX HEAD CAP SCREW	STAINLESS STEEL	ASTM F593C	24
7 30109	DIAPHRAGM CAP SCREW	DIE CAST ALUMINUM	ASTM B26-85	4
8 30119	HEX HEAD CAP SCREW	STAINLESS STEEL	ASTM F593C	8
9 30122	LOCKWASHER	STAINLESS STEEL	ASA B27.1	8
10 30211	O RING	NEOPRENE	MR-B-0030045-4	4
11 20914	PIPE PLUG 3/8" N.P.T.	ALLOY STEEL	ASA B18.8	8
12 30117	BASE-SINGLE TONE	CAST ALUMINUM	UNS A03562	4
13 30129	FOUR DIRECTIONAL BASE	CAST ALUMINUM	UNS A03562	1
14 85211	NYLON NUT	STAINLESS STEEL	ASTM F593C	16
15 30123	BASE GASKET	CORN NEOPRENE	COMMERCIAL	4
16 10497	HEX HEAD CAP SCREW	STAINLESS STEEL	ASTM F593C	16
17 30156	PIPE BUSHING	ALLOY STEEL	ASA B18.8	1

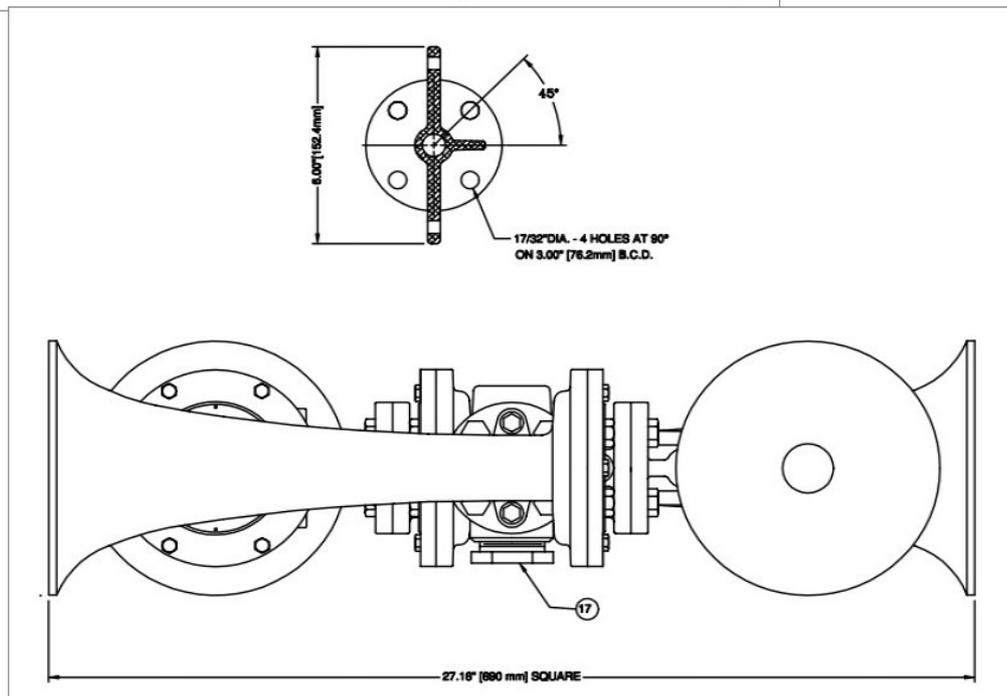


Figura 2 - Dimensões sirene TUCK4-1



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2. TUCK4-2

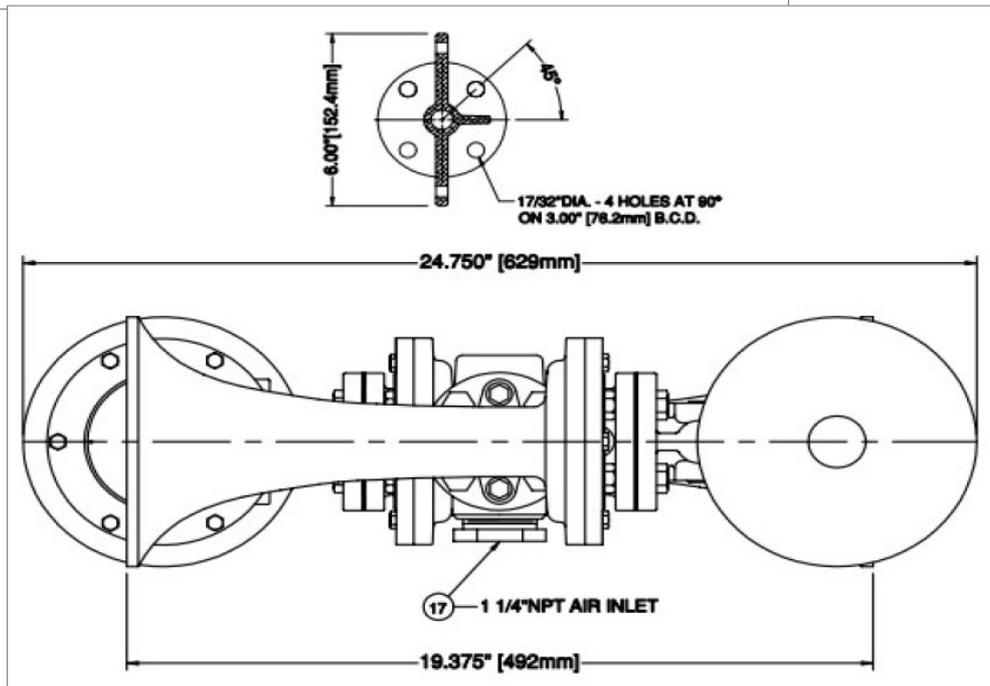
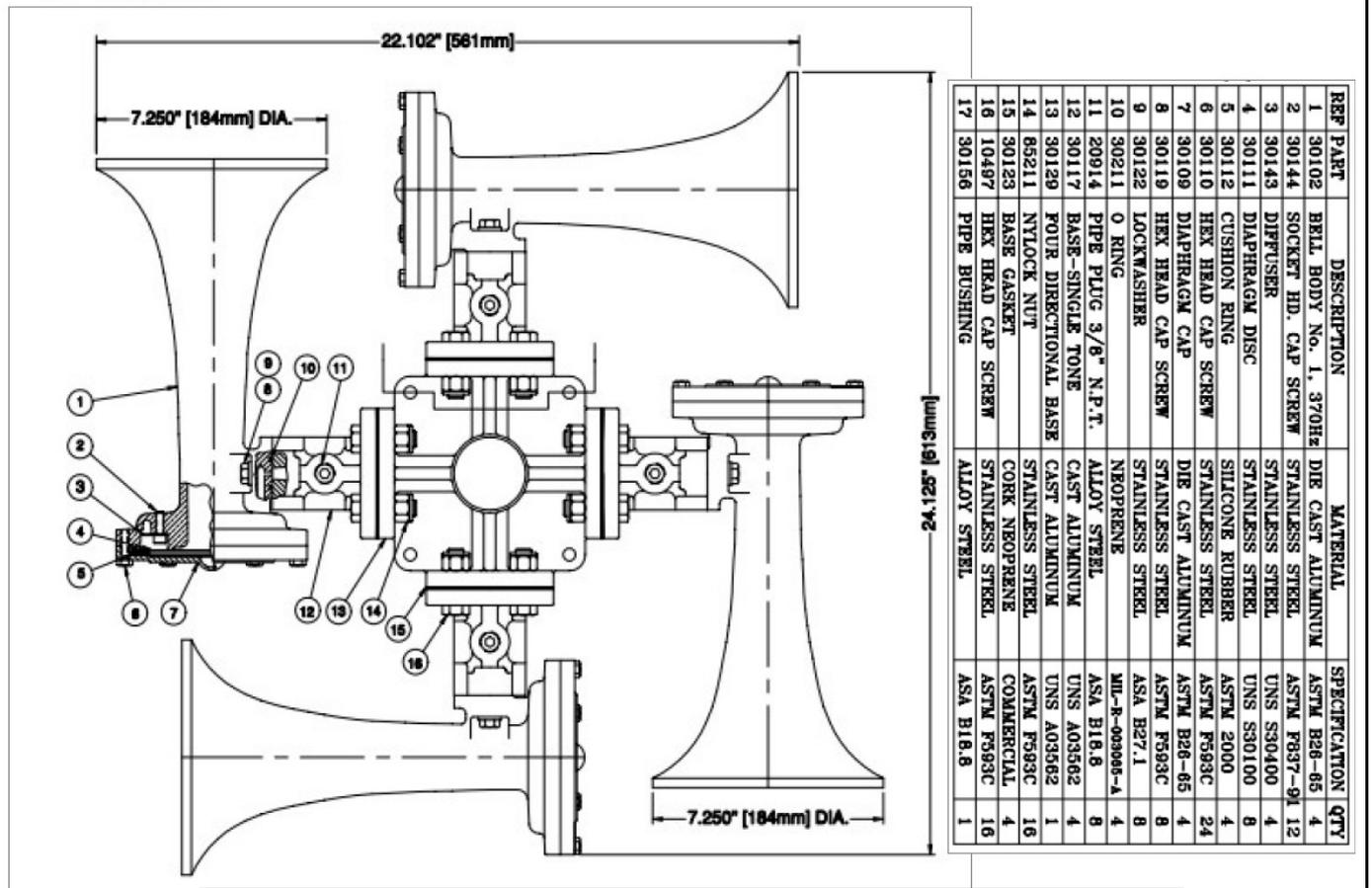
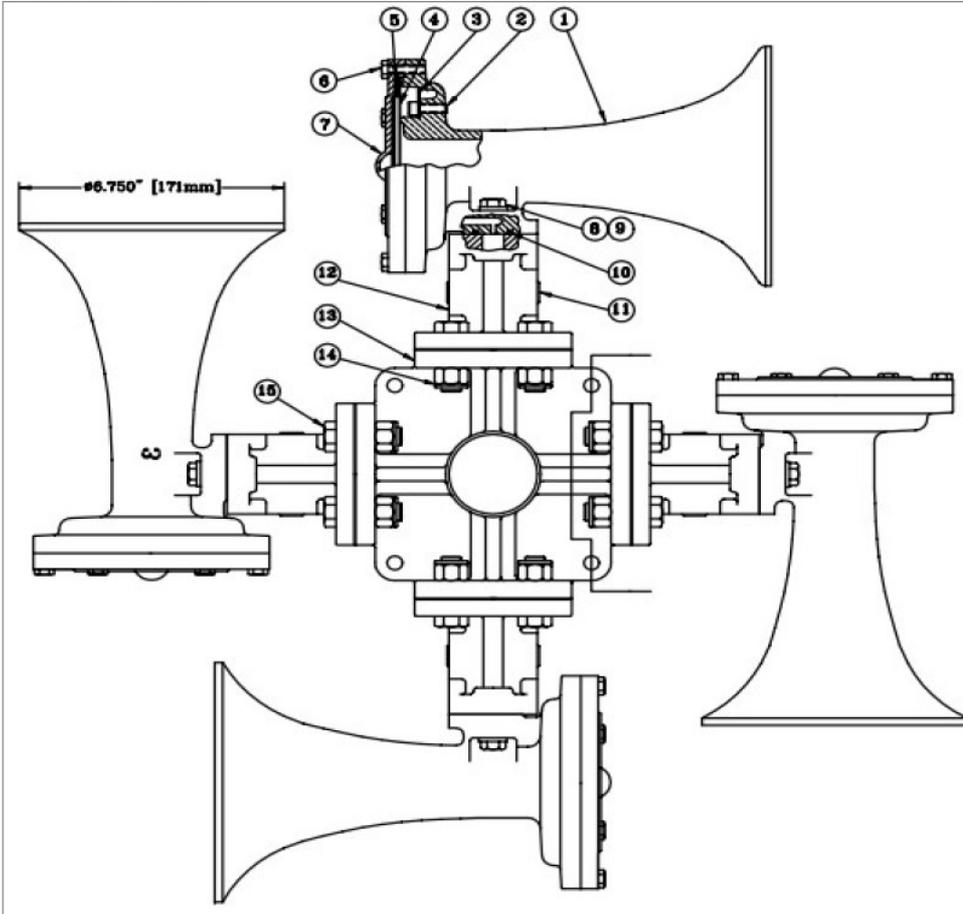


Figura 3 - Dimensões sirene TUCK4-2



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3. TUCK4-3



REF PART	DESCRIPTION	MATERIAL	SPECIFICATION	QTY
1	BELL BODY No. 3	DIE CAST ALUMINUM	ASTM-B28-65	4
2	SOCKET HD. CAP SCREW	STAINLESS STEEL	ASTM F837	12
3	DIFFUSER	STAINLESS STEEL	UNS-S30400	4
4	DIAPHRAGM DISC	STAINLESS STEEL	UNS-S30400	8
5	CUSHION RING	SILICONE RUBBER	ASTM D2000	4
6	HEX HEAD CAP SCREW	STAINLESS STEEL	ASTM F593C	24
7	DIAPHRAGM CAP	DIE CAST ALUMINUM	ASTM-B28-65	4
8	HEX HEAD CAP SCREW	STAINLESS STEEL	ASTM F593C	8
9	LOCKWASHER	STAINLESS STEEL	ASA B27.1	8
10	O RING	NEOPRENE	ASTM D2000	4
11	PIPE PLUG 3/8" N.P.T.	ALLOY STEEL	ASA B21	8
12	BASE-SINGLE TONE	CAST ALUMINUM	UNS A03562	4
13	FOUR DIRECTIONAL BASE	CAST ALUMINUM	UNS A03562	1
14	NYLOCK NUT	STAINLESS STEEL	ASTM F594	16
15	HEX HEAD CAP SCREW	STAINLESS STEEL	ASTM F593C	16
16	PIPE BUSHING	ALLOY STEEL	ASA B18.8	1

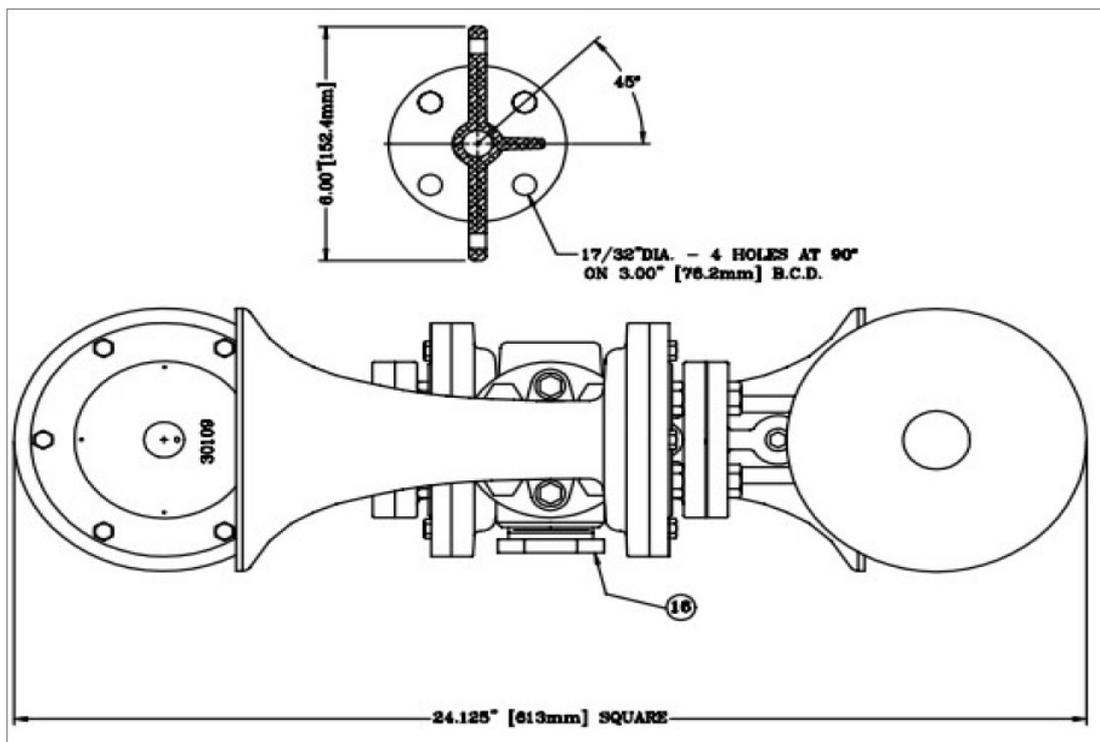
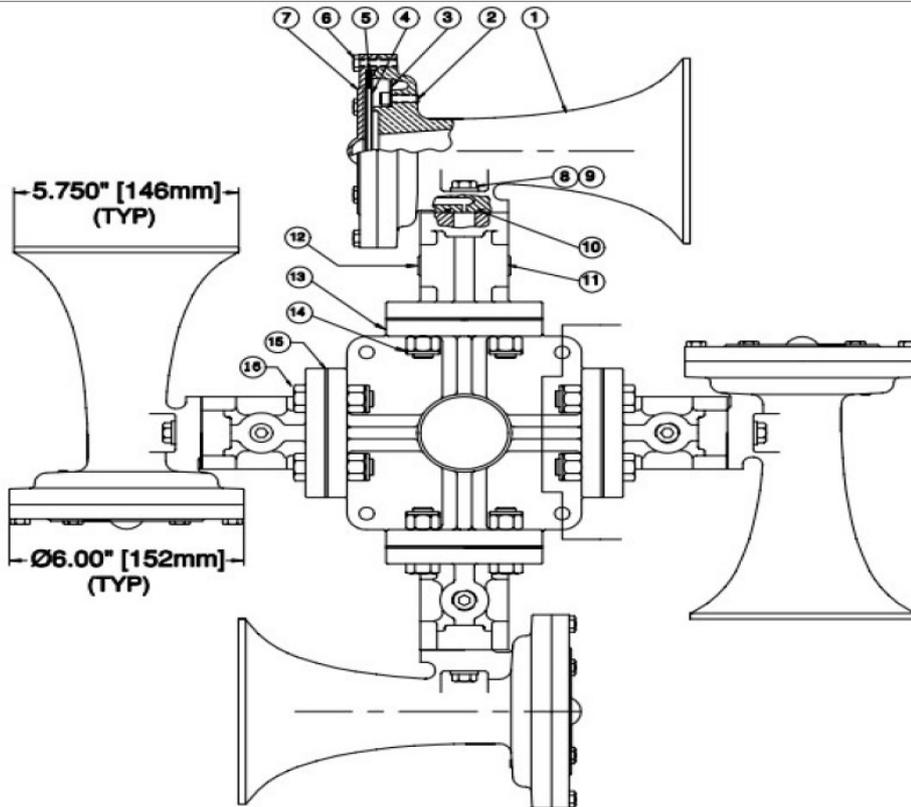


Figura 4 - Dimensões sirene TUCK4-3



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4. TUCK4-4



REF	PART	DESCRIPTION	MATERIAL	SPECIFICATION	QTY
1	30106	BELL BODY No. 4, 512HZ	DIE CAST ALUMINUM	ASTM B26-65	4
2	30146	SOCKET HD. CAP SCREW	STAINLESS STEEL	ASTM F433 4-32	12
3	30149	DIPROSER	STAINLESS STEEL	UNS S30400	4
4	30111	DIAPHRAGM DISC	STAINLESS STEEL	UNS S30100	6
5	30112	CUSHION RING	SILICONE RUBBER	ASTM D2000	4
6	30110	HEX HEAD CAP SCREW	STAINLESS STEEL	ASTM F593C	24
7	30109	DIAPHRAGM CAP	DIE CAST ALUMINUM	ASTM B26-65	4
8	30119	HEX HEAD CAP SCREW	STAINLESS STEEL	ASTM F593C	6
9	30129	LOCKWASHER	STAINLESS STEEL	ASTM B27.1	0
10	30211	O RING	NEOPRENE	MIL. R. 00306 A	4
11	20914	PIPE PLUG 3/8" N.P.T.	ALLOY STEEL	ASA B1R.9	8
12	30117	BASE-SINGLE TONE	CAST ALUMINUM	TMS A03582	4
13	30129	FOUR DIRECTIONAL BASE	CAST ALUMINUM	TMS A03582	1
14	83211	NYLOCK NUT	STAINLESS STEEL	ASTM F593C	10
15	30128	BASE GASKET	CORK NEOPRENE	COMMERCIAL	4
16	10497	HEX HEAD CAP SCREW	STAINLESS STEEL	ASTM F593C	16
17	30136	PIPE HEX BUSHING	ALLOY STEEL	ASA B1R.9	1

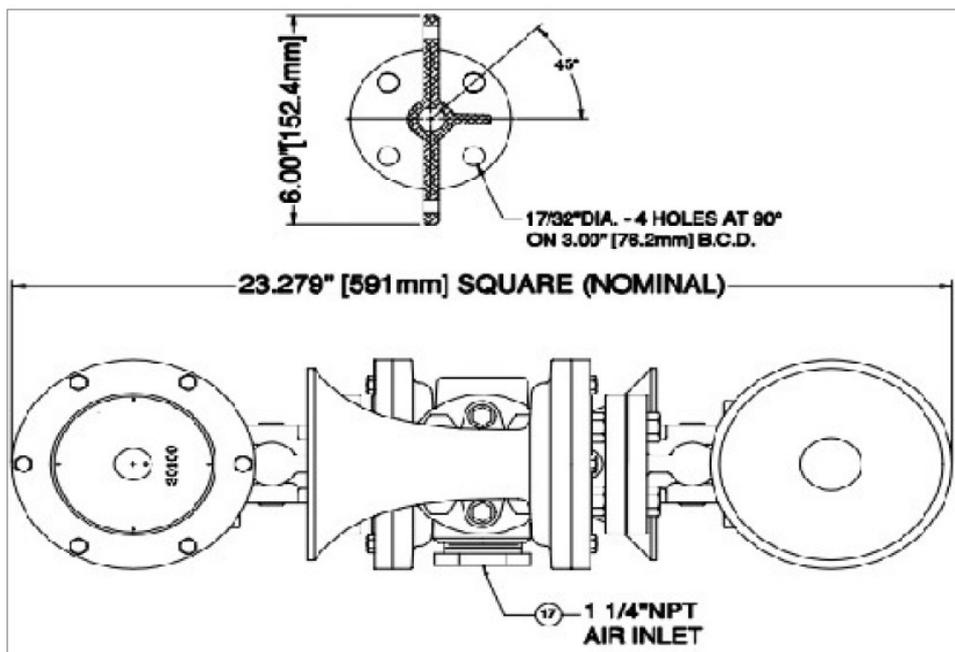
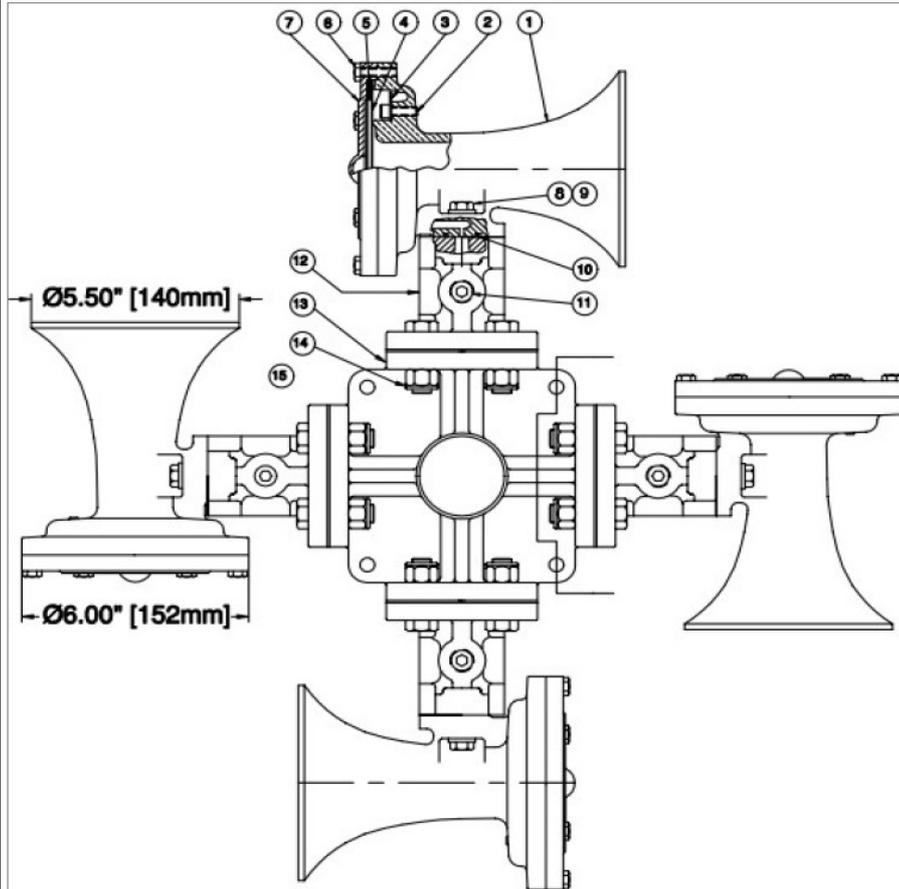


Figura 5 - Dimensões sirene TUCK4-4



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5. TUCK4-5



REP PART	DESCRIPTION	MATERIAL	SPECIFICATION	QTY
1	BELL BODY No. 5. 092Hz	DIE CAST ALUMINUM	ASTM B26-05	4
2	30144 SOCKET HD. CAP SCREW	STAINLESS STEEL	ASTM F837	12
3	30143 DIFFUSER	STAINLESS STEEL	UNS S30400	4
4	30111 DIAPHRAGM DISC	STAINLESS STEEL	UNS S30100	8
5	30112 CUSHION RING	SILICONE RUBBER	ASTM D2000	4
6	30110 HEX HEAD CAP SCREW	STAINLESS STEEL	ASTM F593C	24
7	30108 DIAPHRAGM CAP	DIE CAST ALUMINUM	ASTM B26-05	4
8	30119 HEX HEAD CAP SCREW	STAINLESS STEEL	ASTM F593C	8
9	30122 LOCKWASHER	STAINLESS STEEL	ASA B27.1	8
10	30211 O RING	NEOPRENE	ML-B-009085-4	4
11	20914 PIPE PLUG 3/8" N.P.T.	ALLOY STEEL	ASA B18.8	8
12	30117 BASE-SINGLE TONE	CAST ALUMINUM	UNS A03562	4
13	30120 FOUR DIRECTIONAL BASE	CAST ALUMINUM	UNS A03562	1
14	86211 NYLON NUT	STAINLESS STEEL	ASTM F603C	18
15	30123 BASE GASKET	CORK NEOPRENE	COMMERCIAL	4
16	10407 HEX HEAD CAP SCREW	STAINLESS STEEL	ASTM F603C	18
17	30156 PIPE BUSHING	ALLOY STEEL	ASA B18.8	1

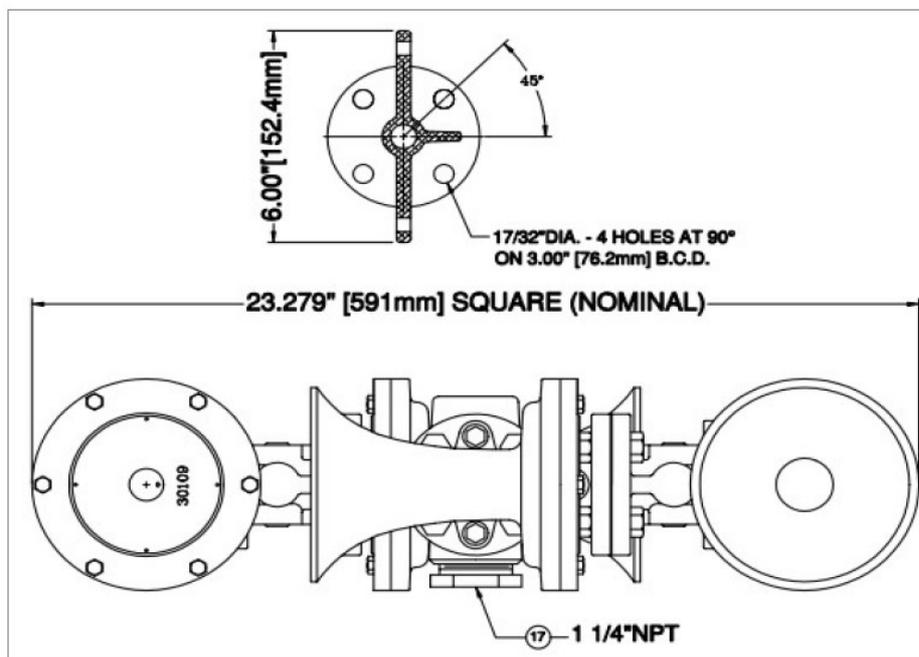


Figura 6 – Dimensões da sirene TUCK4-5

