

# 22302 - POWR-FLEX GOAL

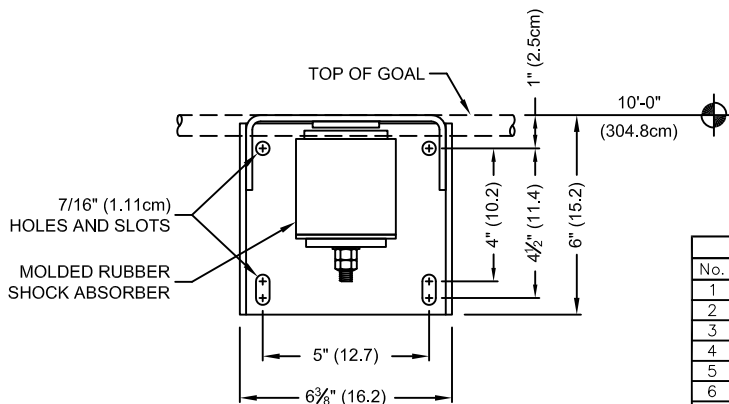
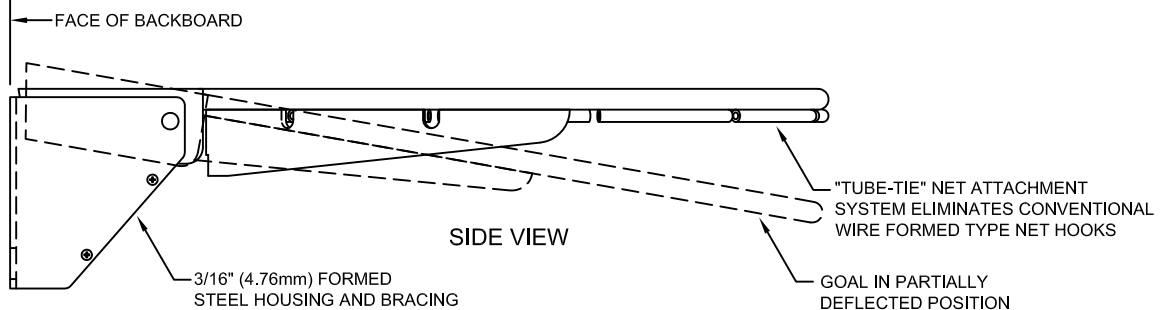
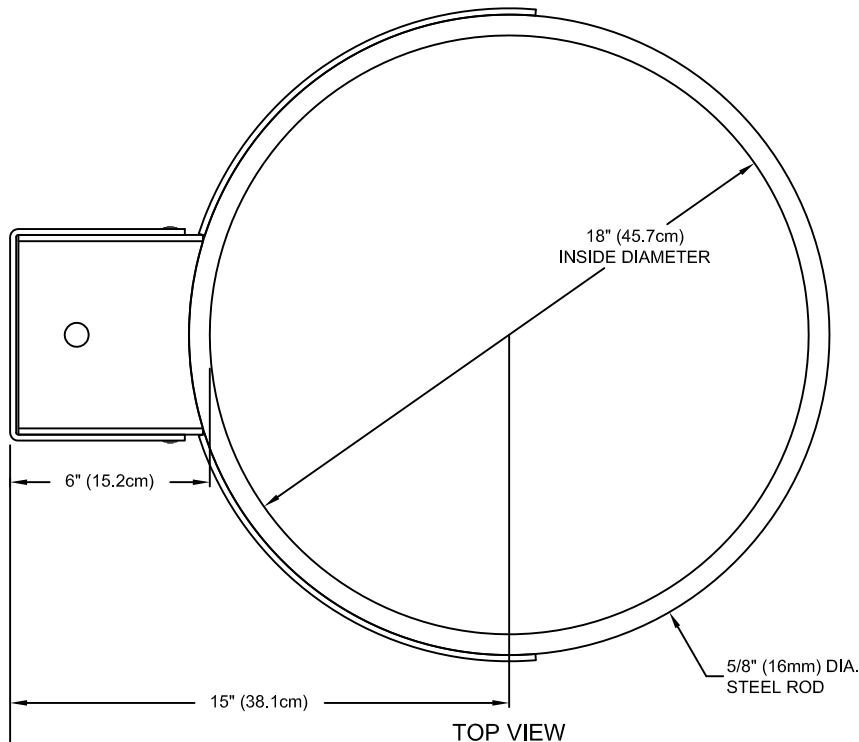
WITH TUBE TIE NET ATTACHMENT, MOUNTING HARDWARE, AND NET

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## BASKETBALL SPECIFICATION SHEET

B-22302



GOAL MOUNTING PLATE DETAIL  
(With Cover Plate Removed)

No.		QTY.		PARTS LIST	
				DESCRIPTION	
1	1	GOAL	00094	GOAL ASSEMBLY	
2	1	09608	000	ANTI-WHIP NET	
3	4	HDWE	01217 0EO	3/8" x 3 1/2" Lg. HEX HEAD TAP BOLT (Grade 5)	
4	4	HDWE	05004 0EO	3/8" FLATWASHER	
5	4	HDWE	04002 0EO	3/8" LOCKWASHER	
6	4	HDWE	03002 0EO	3/8" HEX NUT	
7	4	PCAP	00040 002	THREAD PROTECTOR	

22302 WITH MOUNTING HARDWARE AND NYLON NET  
SEE B-200 FOR COMPATABLE BACKBOARDS

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PROJECT NUMBER

PROJECT NAME

2/4/2013

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WITH TUBE TIE NET ATTACHMENT, MOUNTING HARDWARE, AND NET

## SPECIFICATIONS

Shock absorption feature shall be provided by means of a special, offset hinge arrangement rim and backplate mounting housing and a concealed molded rubber shock absorber. Hinge shall be positioned to place goal return impact forces in shear (parallel) to minimize oscillation induced into the face of the backboard. Shock absorber shall be molded from a special rubber formulation (spec. D-2000 ASTM 2 BC 725 B14C12FI7G2I) to dampen and minimize vibrations and fatigue in backboard. Front of rim shall deflect downward up to 2-1/16" when a static load of 250 pounds is applied and instantly return to playing position when load is released.

Function of goal shall meet the NCAA specifications on moveable rims, which states "A moveable basket ring shall have rebound characteristics identical to those of a non-moveable ring." Goal shall be set at factory for proper flex and rebound requirements.

Rim shall be fabricated from 5/8" diameter cold drawn alloy steel, round formed to an 18" inside diameter ring. Inside diameter of ring shall be positioned 6" from face of backboard by a heavy formed steel, hinged type housing with a removable cover to conceal mounting bolts and entire shock absorption mechanism of goal, and also protect against finger entrapment. Goal mounting plate shall be provided with hardware and a 5" x 4" mounting hole pattern for front mounting on standard glass, wood and fiberglass type backboards and is also compatible for use with all Center-Strut direct mount type support frames.

Rim shall be rigidly braced by means of a 3/16" (4.7mm) thick formed and die cut steel brace welded in position on the underside of the rim for maximum support. Rim shall be provided with a unique "tube-tie" net attachment system to eliminate the conventional wire-formed type net locks for additional player safety.

Goal shall be furnished in a durable, official orange powder-coat finish.

Goal shall be furnished complete with plated mounting hardware and an anti-whip net. Mounting bolts shall be SAE Grade 5.

For details on compatible backboards see B-200.

## WARRANTY

- 22302 goals furnished with a 5-year limited warranty.

## OPTIONAL ITEMS (SEE SPECIFICATION SHEETS FOR DETAIL)

- Fair-Court Basketball Rim Testing System (ERT2003NCAA)
- RING001 - Training aid shooters ring
- RING002 - Training aid rebound ring