Hydraulic Tilt Table

Geometric Distribution / Strengths and Weaknesses
Quadrant

SAME PLANE HYPOTHETICAL
FOR Pivot POINT CYLINDER
AND Pivot POINT FRAME

MAX STRENGTH

72"

90"

72"

PIVOT POINT CYLINDER

PIVOT FRAME

CURRENT DESIGN STRENGTH

BEACON INDUSTRIES, INC.
12300 Old Tesson Rd.
St. Louis, MO 63128-2247 USA

6.24.11
Geometric Distribution / Strengths and Weaknesses
Quadrant

SAME PLANE HYPOTHETICAL
FOR PIVOT POINT CYLINDER
AND PIVOT POINT FRAME

CURRENT DESIGN STRENGTH

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ACTUAL PLANES - OFFSET - STAIRSTEP FOR PIVOT POINT CYLINDER AND PIVOT POINT FRAME

CURRENT DESIGN STRENGTH

BEACON INDUSTRIES, INC.
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St. Louis, MO 63128-2247 USA
Geometric Distribution / Strengths and Weaknesses
Quadrant
Approx 15 degrees before Top Dead Center

Actual planes - offset - stair step for pivot point cylinder and pivot point frame

Current design strength

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