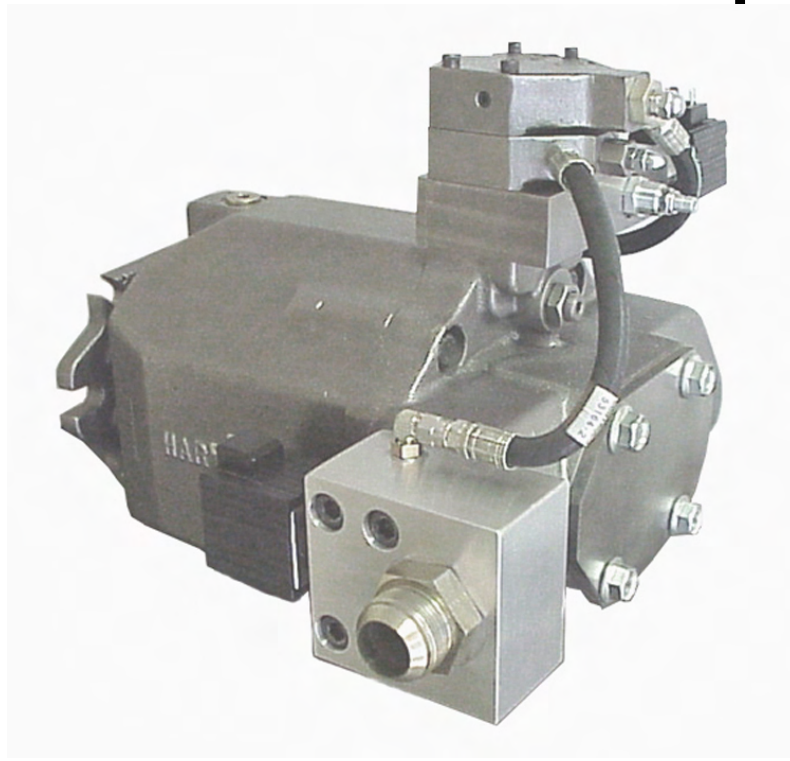
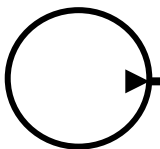


HARTMANN
PUMPS - MOTORS - CONTROLS

TQ, Top Control Torque
Limiter for
PVX Series Pumps



*Hydraulic pumps & motors with a **hart of gold**™*



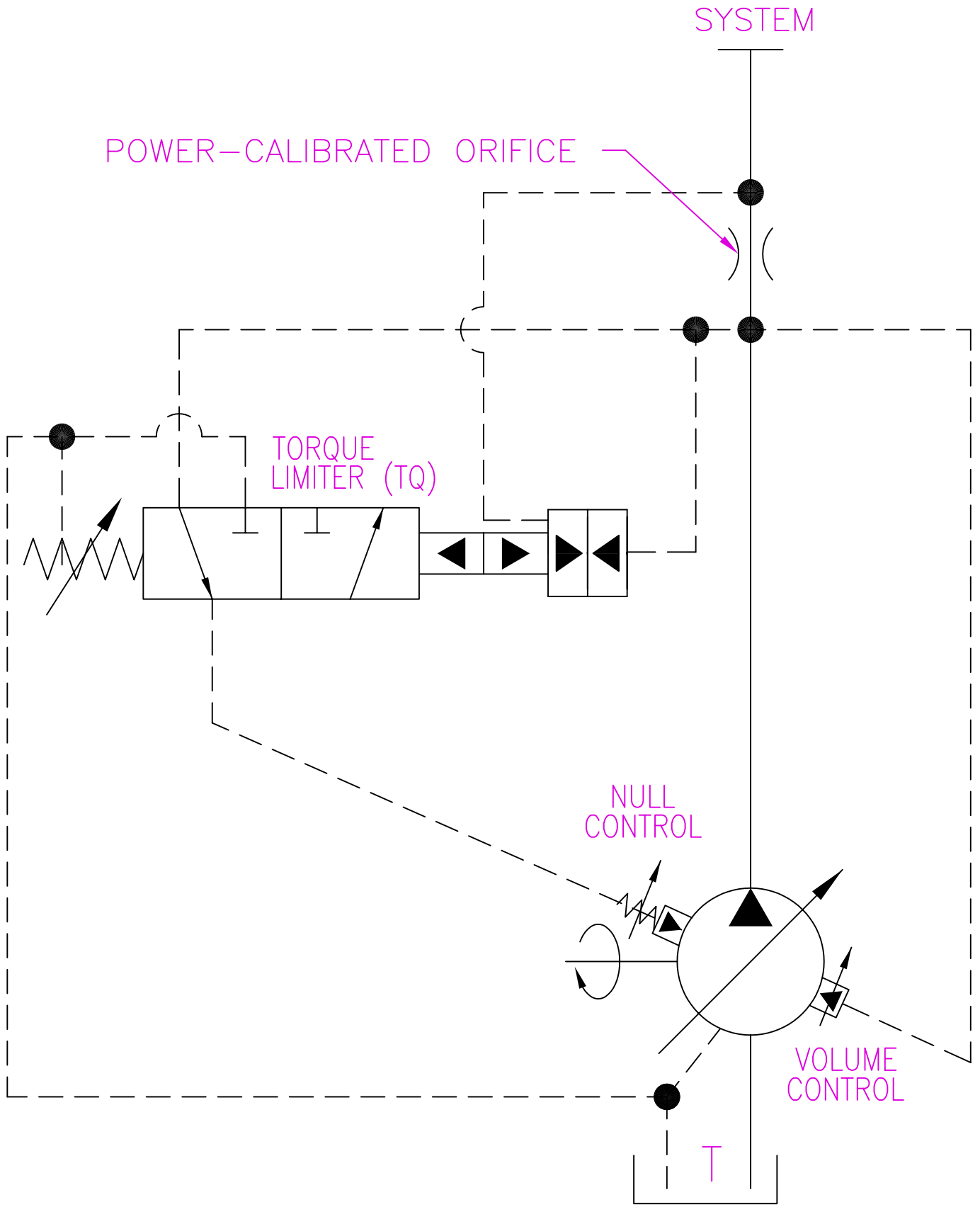
**604 PROGRESS DRIVE, HARTLAND, WI 53029
USA**

Phone: (262) 367-4299

URL: www.hartmanncontrols.com

FAX: (262) 367-5645

E-mail: sales@hartmanncontrols.com



NOT TO SCALE

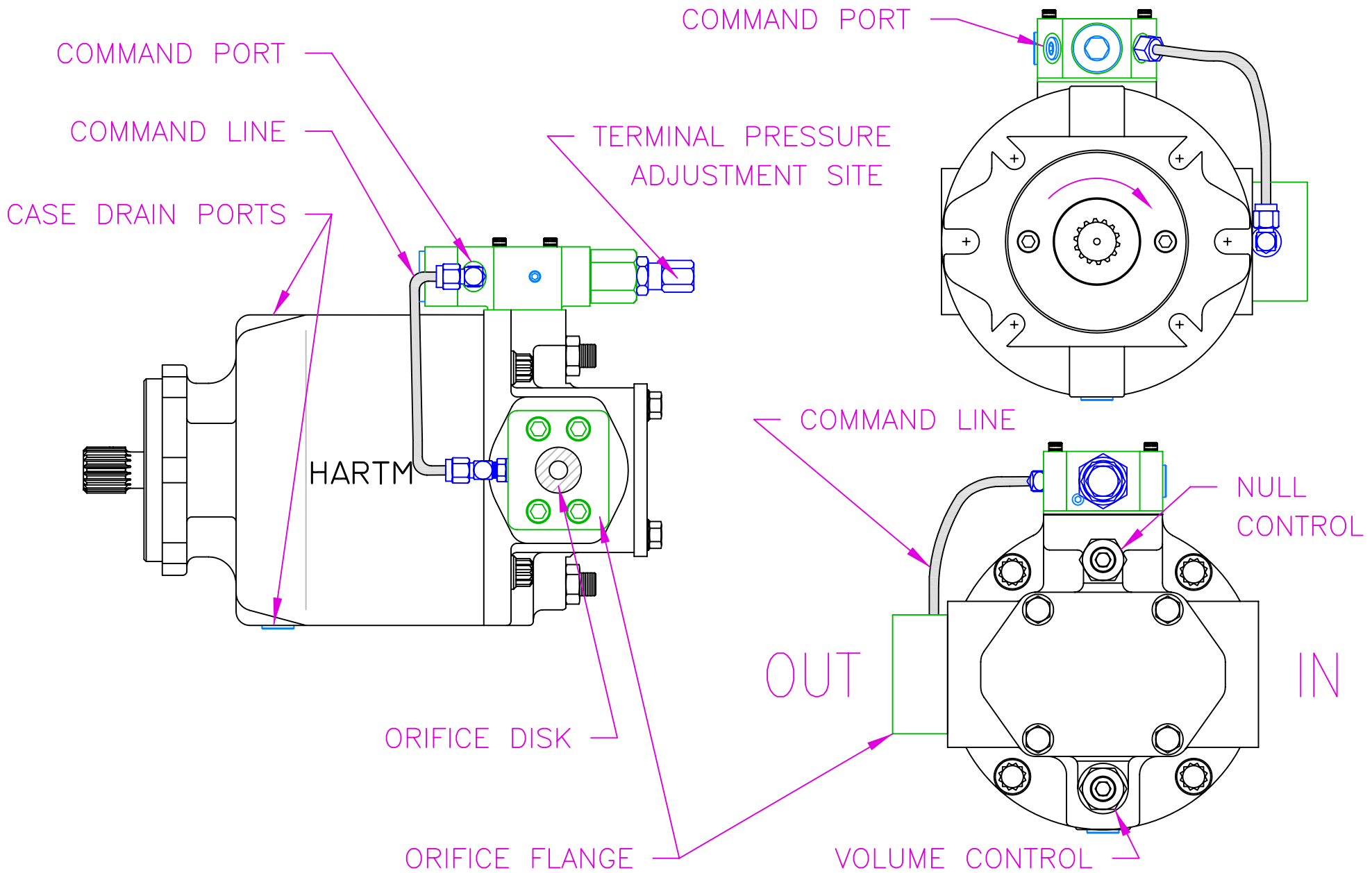
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DWG: SCMTQ

TITLE: TOP CONTROL TORQUE LIMITER

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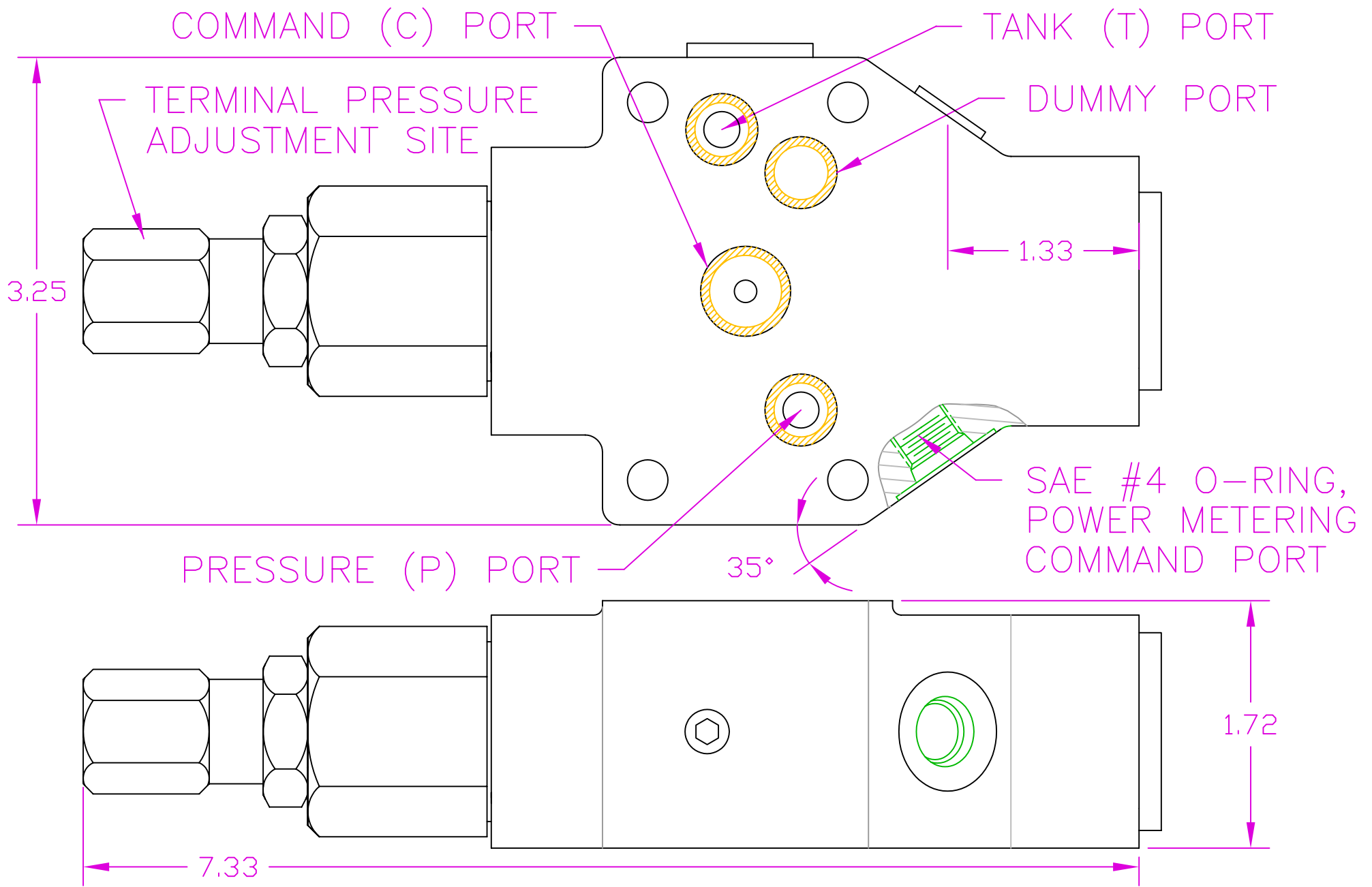
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DWG NO: TQPUMP

TITLE: PVX PUMP WITH A TOP CONTROL TORQUE LIMITER





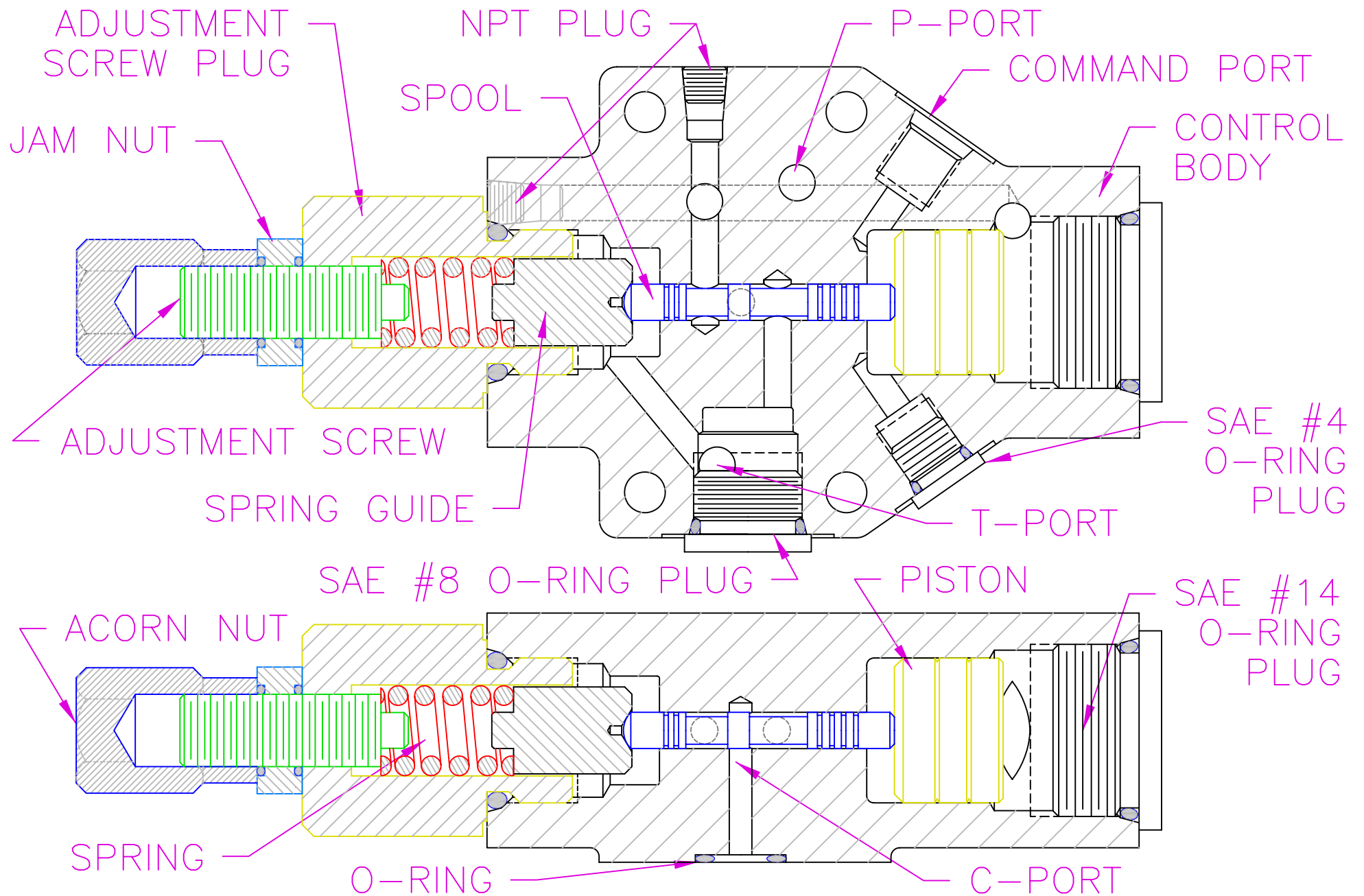
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DWG NO: 52149DIM

TITLE: OUTLINE OF A TOP CONTROL TORQUE LIMITER





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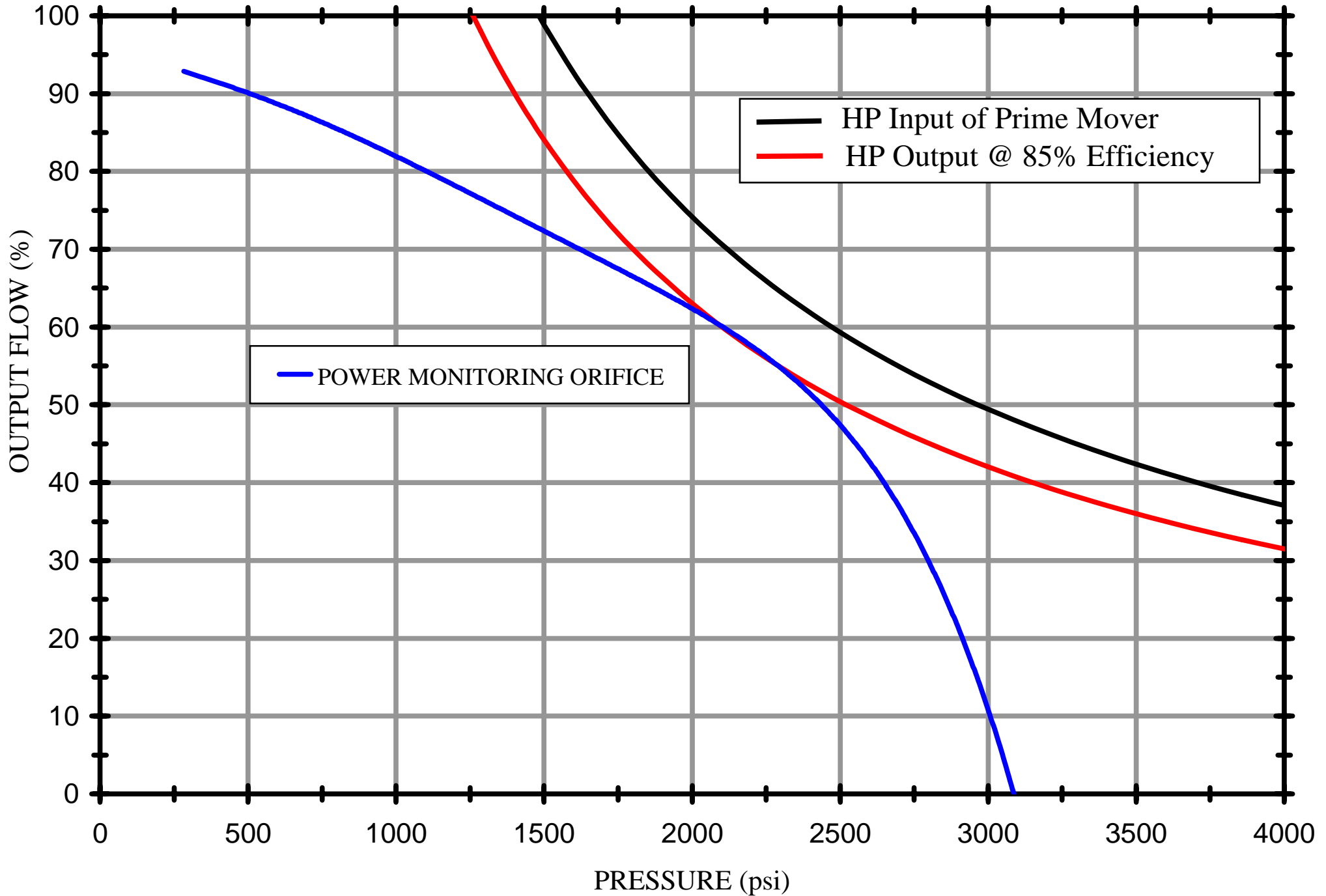
TITLE: LAYOUT OF A
TOP CONTROL
TORQUE LIMITER

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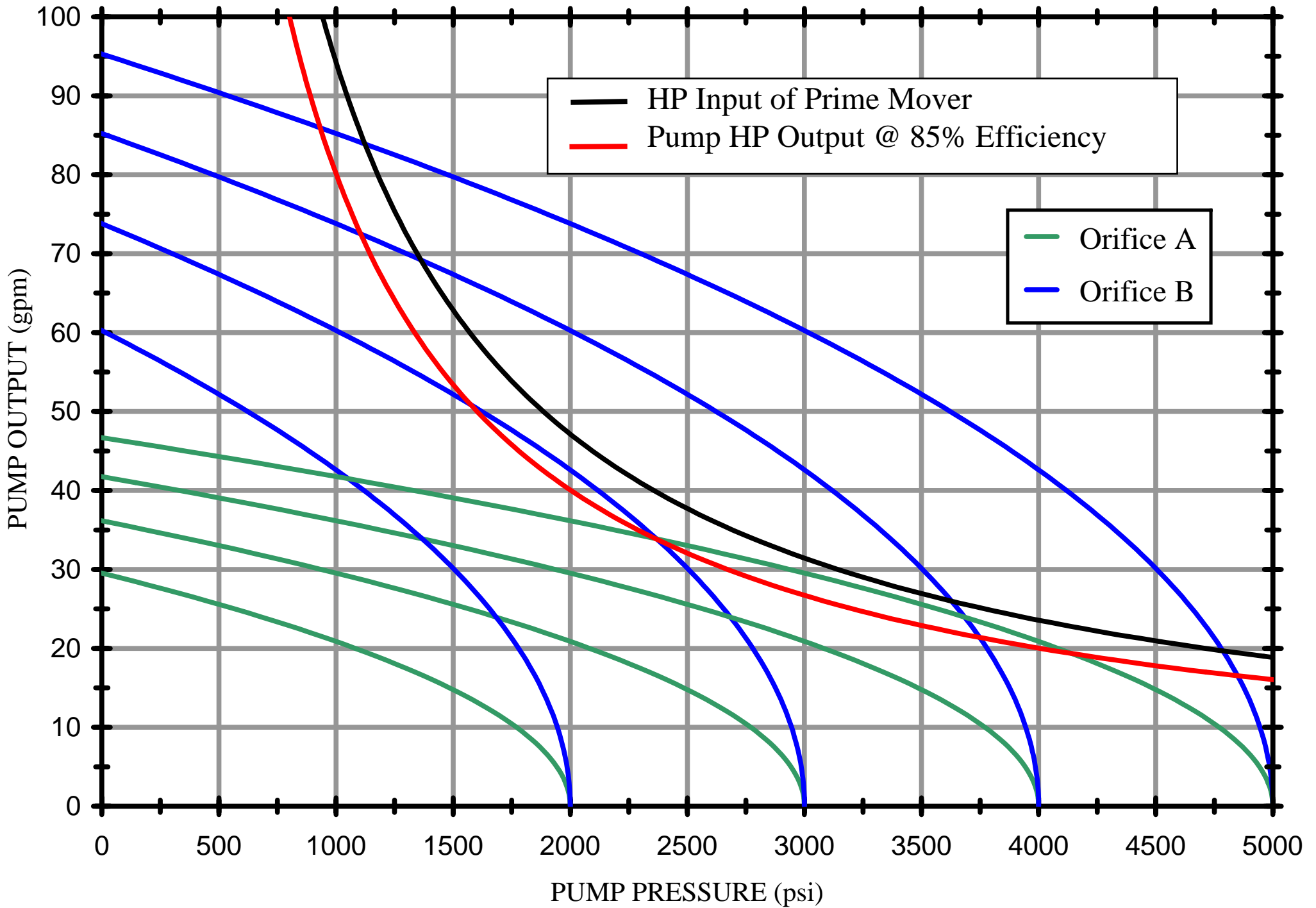
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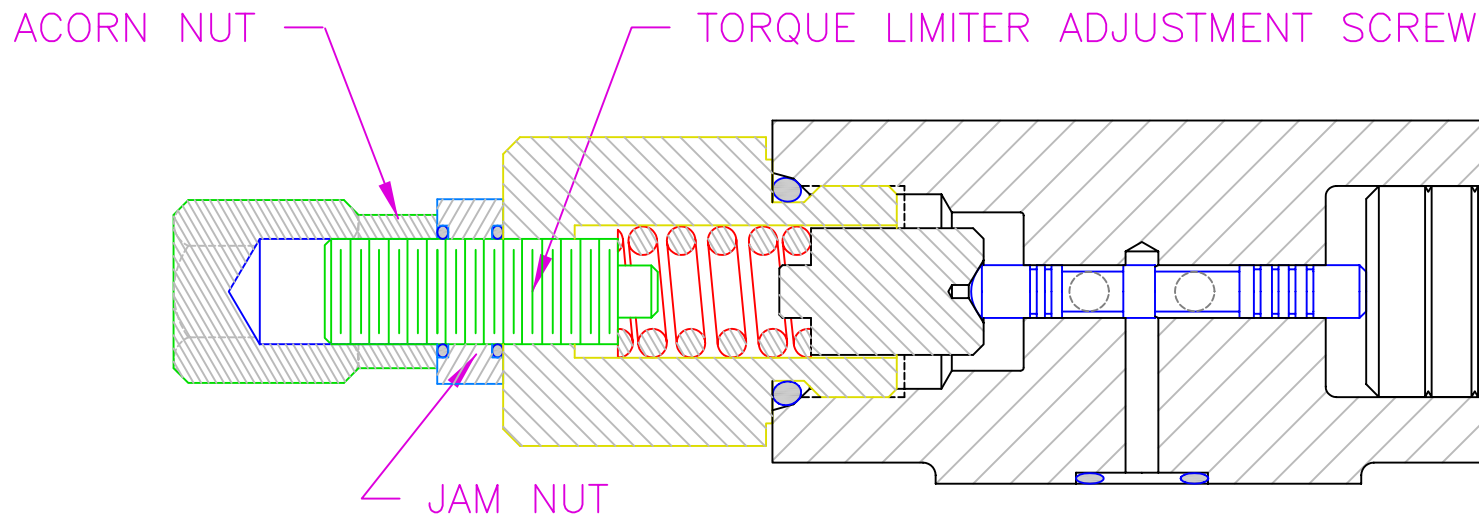


TORQUE-LIMITED PERFORMANCE OF A VARIABLE DISPLACEMENT AXIAL PISTON PUMP; ISO 32 OIL @ 115°F



TORQUE-LIMITED RESPONSE OF A VARIABLE DISPLACEMENT PUMP AT SELECT TERMINAL PRESSURES AND MONITORING ORIFICE SIZES





1. UNJAM ACORN NUT AND REMOVE IT COMPLETELY
2. INSERT ALLEN WRENCH INTO SCREW HEAD
3. HOLDING TIGHT THE ALLEN WRENCH, UNLOCK THE JAM NUT
4. WATCHING THE PRESSURE GAUGE TURN ALLEN WRENCH GENTLY IN INCREMENTS OF LESS THAN 45°:
 - A. CLOCKWISE TURN INCREASES PRESSURE SETTING
 - B. COUNTER-CLOCKWISE TURN DECREASES PRESSURE SETTING
5. WHEN DONE, HOLD ALLEN WRENCH TIGHTLY AND LOCK THE JAM NUT
6. COVER THE SCREW WITH ACORN NUT AND JAM IT

NOT TO SCALE

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DWG NO: 52149ADJST

TITLE: PRESSURE ADJUSTMENT
OF A TOP CONTROL
TORQUE LIMITER

