QTY/QTÉ	ITEM NO DE L'ART	IDENTIFYING NO D'IDENTIFICATION	NOMENCLATURE / DESCRIPTION	SPECIFICATION	CODE IDENT CODE D'IDENT

PILOT PRESSURE SUPPLY

#10 JIC A B #10 JIC

A LOAD SENSE #6 JIC

WATER CONNECTIONS Q MAX = 37 L/MIN

WATER OUT WATER IN

B #12 JIC

FLUSHING OPEN LOOP SUCTION

LEAKAGE FLOW #12 JIC

CHARGE FLOW OUTLET #20 JIC INLET #20 JIC

139

140 - 5" CODE 61

141 - 3" HP FL.

138

142

143

OUTLET

145 144 137

3" 4600 PSI SQUARE FLANGE

TEST BRACKET POSITIONING CYLINDERS

HIGH SPEED OUTPUT SHAFT

LOW SPEED OUTPUT SHAFT

7:1

INSTALL/REMOVE AS REQUIRED

3/4" 3/4"

1:1 441 10:1

3" 4600 PSI SQUARE FLANGE

OUTLET

FOR CHARGE PUMP FOR SERVO PUMP

MAIN FLOW DRO 0-1200 L/MIN

SUMP AREA

10 LITRE P0 = 100 BAR 2.5 GAL

10 LITRE P0 = 100 BAR 2.5 GAL

.625" x .083" T

.375" x .065" T

.375" x .065" T

.625" x .083" T

3/4" XXS

3/4" SCH 80

3" SCH 40

5" SCH 40

8" SCH 40

2 1/2" SCH 40

1.000" x .120" T TO FL OF POWER UNIT AND TEST BENCH # 1

.750" x .095" T TO PSI OF POWER UNIT AND TEST BENCH # 1

.750" x .095" T TO L OF POWER UNIT AND TEST BENCH # 1

2 1/2" SCH 40 TO LP2 OF POWER UNIT

2" XXS TO P2 OF POWER UNIT

1 1/4" SCH 40 CASE DRAIN

HP2 PST L FLUSH LP2 S2

8" 150# ANSI FLANGE TO MAIN RESERVOIR

TO SUMP RESERVOIR

PUMP / MOTOR TEST BENCH #2

n1 MAX = 2000 RPM AT P0 = 6 BAR
n2 MAX = 1200 RPM AT P0 = 1 BAR
M MAX = 2650 NM (1:1)

NOTE:
1) REF. THESE PIPING SIZES TO DWG 8858886
2) ⬭ DENOTES ITEMS ON DWG 8358886

For Internal Purposes Only. Not to be used for commercial purposes without BHD authorization

Burlington Calgary Edmonton Dartmouth Montreal Vancouver Welland

BASIC HYDRAULICS

Description: HYDRAULIC SCHEMATIC FOR TEST BENCH 2

Dwg. No. 9117-A Size E Rev. 0

UNLESS OTHERWISE SPECIFIED / SAUF INDICATION CONTRAIRE:
1. DIMENSIONS ARE IN / DIMENSIONS SONT EN
2. TOLERANCES
FRACTIONS ±
DECIMALS XX ± .01
DÉCIMALES XX ± .01
X ± .1
ANGLES ± 1°
3. SURFACE FINISH / FINIS DE SURFACES 125

APPLICATION / USAGE 8858886

SCALE / ÉCHELLE —

ZONE	LTR LET	REVISION	DATE	DWN DES	CKD VER	APPVL APP
		Basic Hydraulics Ltd.				

DWN/DESS D.THROWER | CKD/VER M.IRVING | INSPECT/INSPECTE PPGS 4-5 | CF APPVL/APP FC DMES 4-3-4

DESIGN AGENT / CONCEPTION 37395 | NSCM/CAOF 36219 | APPVL DATE D'APPROB 93.01.11 | A0

TITLE / TITRE: HYDRAULIC SCHEMATIC FOR TEST BENCH 2

DRAWING NO DU DESSIN 9058868

SHEET / FEUILLE 1 OF / DE 1