QTY/QTÉ	ITEM NO DE L'ART	IDENTIFYING NO D'IDENTIFICATION	NOMENCLATURE / DESCRIPTION	SPECIFICATION	CODE IDENT CODE D'IDENT
-NO					
-1					

PILOT PRESSURE SUPPLY
#10 JIC A B #10 JIC

A LOAD SENSE
2" 6000 PSI SAE 4-BOLT FLANGE
#6 JIC

WATER CONNECTIONS
WATER OUT
Q MAX = 15 L/MIN
WATER IN

B
2" 6000 PSI SAE 4-BOLT FLANGE
#12 JIC

FLUSHING OPEN LOOP SUCTION
#8 JIC

LEAKAGE FLOW CHARGE FLOW
OUTLET #16 JIC INLET #16 JIC

115
116 - 3" 3000 PSI SAE 4 BOLT FLANGE
117
118
119
OUTLET
114
112 - 2" 6000 PSI SAE 4-BOLT FLANGE
113
195 VB40-014-A1
205 VB40-017-A1
2" 4600 PSI SQUARE FLANGE INLET
TEST BRACKET POSITIONING CYLINDERS
HIGH SPEED OUTPUT SHAFT
LOW SPEED OUTPUT SHAFT
2" 4600 PSI INLET SQUARE FLANGE
OUTLET
FOR CHARGE PUMP
FOR SERVO PUMP
MAIN FLOW DRO 0-600 L/MIN
SUMP AREA
183 VB40-015-A1
106
107
108
109 LS
111
110
VTS013 184
101 - 2" 3000 PSI SAE 4-BOLT FLANGE
VT2000
VT12000
Vg = 125 ccm/rev max
RVE
M1
1:1 271 10:1
3" SCH 40
6" SCH 40
2" SCH 40
3/4" XXS
3/4" SCH 80
.625" x .083" T
.375" x .065" T
10 LITRE PO = 100 BAR
10 LITRE PO = 8 BAR
2.5 GAL
HP1
PST
L
D
LP1
FL
S1
6" 150# ANSI FLANGE TO MAIN RESERVOIR
SUMP TO SUMP RESERVOIR
1.000" x .120" T TO FL OF POWER UNIT AND TEST BENCH # 2
2" SCH 40 TO LP1 OF POWER UNIT
1 1/4" SCH 40 CASE DRAIN
.750" x .095" T TO L OF POWER UNIT AND TEST BENCH # 2
.750" x .095" T TO PST OF POWER UNIT AND TEST BENCH # 2
2" XXS TO P1 OF POWER UNIT

PUMP / MOTOR TEST BENCH # 1
n1 MAX = 3500 RPM AT PO = 6 BAR
n2 MAX = 1600 RPM AT PO = 1 BAR
N MAX = 660 NM (1:1)

NOTE:
1) REF. THESE PIPE SIZES AS SHOWN TO DWG 8858857
2) ⬭ DENOTES ITEMS ON DWG. 8858857

Burlington Calgary	BASIC HYDRAULICS	APPLICATION/USAGE	8858887 9058802
Edmonton Dartmouth Montreal Vancouver Welland			
Customer Names: DND	Descriptions: HYDRAULIC SCHEMATIC FOR TEST BENCH 1	SCALE/ LÉGENDE	
Date No. 90.03.29 9117-A	Class. No. XXXXXXX	Size E	Drawing No. 9058867
Initials YY.MM.DD 113-2857			Rev. 0

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

ZONE	LTR LET	REVISION	DATE	DWN DES	CKD VER	APPVL APP

Basic Hydraulics Ltd.

DWN/DESS D. THROWER	CKD/VER M. IRVING	INSPECT/INSPECTÉ M/N DPGS4-3	CF APPVL/APP FC DMES 4-3-4 KE
DESIGN AGENT/CONCEPTION 37395	NSCM/CAOF 36219	APPVL DATE D'APPROB 93.01.11	AO

TITLE/TITRE: HYDRAULIC SCHEMATIC FOR TEST BENCH 1

DRAWING NO DU DESSIN: 9058867

SHEET FEUILLE 1 OF DE 1