

- C. ALL POINTS AVAILABLE FOR TESTING ARE CODED ☐

TERMINAL 3 :GROUND

SAE #1 HOUSING MOUNTING FACE  
MUST CONFORM TO SAE J617

SOLENOID CONNECTOR ISO STD PER  
DIN 43650 (HIRSHMANN) 12 V.D.C.  
AMPERAGE DRAW AT 70°F(26°C) 1.44 AMPS

OPTIONAL 24 V.D.C. SOLENOID  
AMPERAGE DRAW AT 70°F(26°C) 0.72 AMPS

SOLENOID CONNECTOR ISO ST'D PER  
DIN 43650 (HIRSHMANN) 12 V.D.C.  
AMPERAGE DRAW AT 70°F(26°C) 1.44 AMPS

OPTIONAL 24 V.D.C. SOLENOID  
AMPERAGE DRAW AT 70°F(26°C) 0.72 AMPS

Ø 11.9 (15/32") THRU \_\_\_\_\_  
12 HOLES EQUALLY SPACED  
USE 8.8 PROPERTY CLASS QAULITY  
CAPSCREWS PER ISO 898-1 AND  
TORQUE TO S574 OR SERVICE  
MANUAL VALUES.

MAIN PRESSURE PORT  
3/8-18 NPTF THREAD (DRYSEAL)  
CONNECT OIL PRESSURE  
GAUGE LINE HERE.  
TIGHTENING TORQUE 37±4 Nm

WATER OUTLET FROM—  
HEAT EXCHANGER  
INNER DIAMETER  $\phi 48.0$

PRIMARY CL  
SHA

1926  
20.3±2.7 N-m

CENTE  
GRAVIT

OIL STRAINER—  
1/2 -13 UNC THREAD, 6.3mm DEEP.  
47.0mm CLEARANCE REQUIRED  
TO REMOVE SUCTION SCREEN.

OIL DRAIN PLUG. —  
17.8mm CLEARANCE REQUIRED  
TO REMOVE DRAIN PLUG  
1/2-14 NPTF THREAD (DRYSEAL)  
CONFORMS TO J476  
TIGHTENING TORQUE 40.7±5.4 N-m

Ø 530.2 H.C.  
REF.

REF.

23.5  
2 PLACES

OUTPUT SHAFT  $\odot$  —

DIRECTION OF OUTPUT  
FLANGE ROTATION  
(R.H. ENGINES DRIVING  
THRU PRIMARY CLUTCH)

Ø16.3 (41/64") DRILL THRU  
6 HOLES, EQUALLY SPACED.  
USE GRADE 8 CAPSCREWS  
PER SAE J429 AND TORQUE  
TO S574 OR SERVICE  
MANUAL VALUES.

Ø 120.76 H.C  
REF

025

**VIEW B-B**

PRIMARY CLUTCH  
PRESSURE PORT  
1/2-20UNF THREAD  
CONFORMS TO SAE J1926  
TIGHTENING TORQUE 20.3±2.7 N-m



PRIMARY CLUTCH  
LUBE PRESSURE PORT  
1/2-20 UNF THREAD  
CONFORMS TO SAE J1926  
TIGHTENING TORQUE 20.3±2.7 N-m

**G**


OIL GAUGE—



**EQUIPMENT SHOWN:**

- MG-5050A PER PX12730 ASSEMBLY
- SAE #1 ADAPTER HOUSING
- SAE 355 VL-3200 SERIES COUPLING
- ELECTRIC ON/OFF CONTROL VALVE
- PM11990 MOUNTED HEAT EXCHANGER

FIRST USE ASSEMBLY: PX12730	WEIGHT: 108.4
FIRST USE MODEL: MG-5050A	WIR <sup>2</sup> : 4
SIMILAR TO:	
METRIC	

	THIRD ANGLE PROJECTION	MATERIAL
	UNLESS OTHERWISE SPECIFIED MACHINED DIMENSIONS X ±0.75	HEAT TREAT

DATE:	05/26/2017
SCALE:	1:2
DRAWN BY:	PM

-	NDWF-3000263	07/14/2017
REV	CHANGE NO.	DATE
		
RACINE, WI 53403 - USA		
DY12010C		

DWG SIZE:	A0	SHEET:	1 OF 1	REV:	-
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