1. Switch is normally closed when manual directional control valve in centered position.

2. With manual directional control valve in centered position, push to engage primary clutch.

3. For wiring schematic, refer to control module drawing.

2. Current = 20 AMP MAX.

Open when lever is actuated from centered position.

1. Warning: Do not connect valve coil directly to battery/power supply voltage.


2. With manual directional control valve in centered position, push to engage primary clutch.

All points available for testing are coded...

NOTE:

All equipment shown:

- MGX-5225DC per 1022825A
- 1002312 Companion Flange Assembly
- GP Valve with EC300 Wiring Harness
- 1025541D Heat Exchanger
- 1019735A Input Hub
- - M1959AW Mounted Heat Exchanger
- - 1/2 NPT Thread Water Inlet for Heat Exchanger
- - 1 1/2 NPT Thread Water Outlet for Heat Exchanger
- - 54 Teeth Target Wheel
- - 64 Teeth Target Wheel

NOTE: See note "A"

BREATHER

INPUT SHAFT CL

INPUT SPEED SENSOR PORT

THRU PRIMARY SHAFT FOR R.H. ENGINE DRIVING

EYEBOLTS FOR LIFTING MARINE TRANSMISSION ONLY (2 EYEBOLTS, 1 1/2 NPT THREAD WATER INLET FOR HEAT EXCHANGER, 1 1/2 NPT THREAD WATER OUTLET FOR HEAT EXCHANGER)

EYE BOLT (2 PLACES)

TO REMOVE PLUG

15.0 mm CLEARANCE REQUIRED

CONFORMS TO ISO 6149

M33x2.0 METRIC PORT

OIL DRAIN

MAIN PRESSURE PORT AND PRESSURE PORT

INPUT PRESSURE PORT

MAIN PRESSURE PORT AND PRESSURE PORT

CONFORMS TO ISO 6149

M12x1.5 METRIC PORT

PRESSURE PORT

M12x1.5 METRIC PORT

PRESSURE PORT

M12x1.5 METRIC PORT

PRESSURE PORT

M14x1.5 METRIC PORT

TEMPERATURE/SWASH PORT

INPUT GROUP REFERENCE PLANE

OUTPUT GROUP REFERENCE PLANE

1025541D

400.0

533.2

225.6

235.0

196.0

63.5

254.0

403.5784.2

3 4

1

7

1/2 NPT THREAD WATER INLET FOR

HEAT EXCHANGER

HOLE

TO REMOVE SUCTION SCREEN

90.2mm CLEARANCE REQUIRED

M12x1.75 TAP 10.0 DEEP

GAUGE LINE HERE

CONNECT OIL PRESSURE

CONFORMS TO ISO 6149

M12x1.5 METRIC PORT

MAIN PRESSURE PORT

X

G

ZPC2

CENTERS OF GRAVITY

EYEBOLTS TO LIFT ONE EACH SIDE.) EQUALIZE LOAD

EYEBOLTS FOR LIFTING MARINE TRANSMISSION ON BOTH EYEBOLTS TO LIFT