



AIRCRAFT HYDRAULIC GROUND SUPPORT EQUIPMENT

FH1708

A320 ACTUATOR TEST BENCH

Applicable for CMM :

- NLG 32-37-12
- NLG 32-37-07
- MLG 32-31-47
- MLG 32-11-21

And all CMM with mechanic and hydraulic characteristics complied with this test stand

This ABC hydraulic ground test unit is composed of:

- ✦ Power pack and test stand
- ✦ Low pressure test stand



*No contractual pictures



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Main characteristics

The test area chassis is mainly composed of the followings:

- ✦ A main frame made of welded steel rectangular beams,
- ✦ A chassis made of welded steel beams on which is welded the main frame.
- ✦ An hydraulic power unit inside the main frame
- ✦ A mechanical interface piece to support the UUT.
- ✦ Low pressure
- ✦ A displacement sensor integrated

HYDRAULIC POWER UNIT:

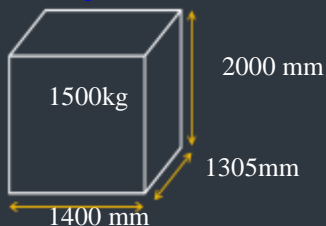
- ✦ SKYDROL HYJET IV or V power pack
- ✦ Pressure max: 3480 PSI – 240 Bar
- ✦ Flow max: 11 USG – 40 l/mn
- ✦ Static pressure up to: 5000 PSI – 350 Bar

ELECTRONIC BAY:

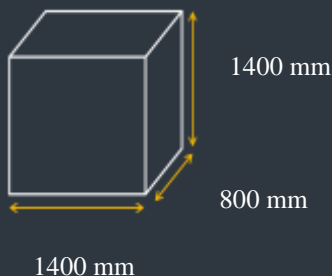
- ✦ touch panel to command test bench
- ✦ Laptop PC for drawing curve
- ✦ Several electric supplies
- ✦ Security check
- ✦ Measurements
- ✦ Printer

TOTAL OVERALL DIMENSIONS

Power pack and test stand



Leakage low pressure test stand



- Power supply cable: 5 meters (without plug)

OPERATING CONDITIONS

Operation temperature:
from +10°C to +40°C

Indoor use (maintenance hangar)

Forkliftable

Power supply: 3 x 400V, 50Hz,
+Ground (other upon request)
26 kVA (without option)

Commands circuit upon 24V
(Safety voltage)

To order: FH1708

Standard accuracy

(other upon request)

- ✦ Pressure gauge: Class 1,6
- ✦ Flowmeter: Class 5 of the reading value
- ✦ Sound level: less than 70 dbA for test frame
- ✦ Sound level: 80 dbA for power pack
- ✦ Hourmeter

Options available

(other upon request)

- ✦ Specific tooling



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