



Data Form

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WAGNER HYDRAULIC STEERING

Please fill out this questionnaire and fax to (604) 986-0334

| | | |
|----------|------------------------|------------------------|
| A | CONTACT DETAILS | |
| NAME: | _____ | DATE: _____ |
| COMPANY: | _____ | e-mail: _____ |
| ADDRESS: | _____ | website: _____ |
| | _____ | PHONE: _____ () _____ |
| COUNTRY: | _____ | FAX: _____ () _____ |
| BUILDER | YARD: _____ | DESIGNER: _____ |
| NAME | PROJECT: _____ | HULL NBR: _____ |

| | | | | |
|-----------|---|---|--|------------------------------------|
| B | VESSEL DATA | | Please check <input checked="" type="checkbox"/> where applicable. | |
| | L.O.A. _____ (M or Ft) | L.W.L. _____ (M or Ft) | BEAM _____ (M or Ft) | DRAFT _____ (M or Ft) |
| TYPE | MOTOR YACHT <input type="checkbox"/> | SAIL <input type="checkbox"/> | WORK <input type="checkbox"/> | TUG <input type="checkbox"/> |
| | FISH <input type="checkbox"/> | FERRY <input type="checkbox"/> | PATROL/PILOT <input type="checkbox"/> | |
| | SPORT FISH <input type="checkbox"/> | SUPPLY/CARGO <input type="checkbox"/> | OTHER <input type="checkbox"/> | Specify: _____ |
| HULL | FULL DISPLACEMENT <input type="checkbox"/> | SEMI-DISPLACEMENT <input type="checkbox"/> | PLANNING <input type="checkbox"/> | CATAMARAN <input type="checkbox"/> |
| | NEW CONSTRUCTION <input type="checkbox"/> | CONVERSION <input type="checkbox"/> | STEEL <input type="checkbox"/> | ALUMINUM <input type="checkbox"/> |
| | FRP <input type="checkbox"/> | WOOD <input type="checkbox"/> | | |
| | GROSS TONNAGE _____ | REGULATORY BODIES: ABS <input type="checkbox"/> | LLOYDS <input type="checkbox"/> | OTHER <input type="checkbox"/> |
| SPEED | CRUISING (knots) _____ | MAXIMUM (knots) _____ | ESTIMATED (knots) _____ | |
| | RANGE AT CRUISING SPEED: _____ NAUTICAL MILES | | | |
| PROPELLER | DIAMETER _____ (mm or inches) | PITCH _____ (mm or inches) | SHAFT R.P.M. _____ | |
| | SINGLE SCREW <input type="checkbox"/> | TWIN SCREW <input type="checkbox"/> | REDUCT. GEAR RATIO: _____ | |
| ENGINE | QTY. _____ | HP _____ | AT _____ | R.P.M. _____ |
| | IDLE R.P.M. _____ | RUNNING R.P.M. _____ | MAXIMUM R.P.M. _____ | |
| COMMENTS | _____ _____ _____ | | | |

DISCLAIMER - Wagner Engineering Ltd. provides a torque estimate only. Final Torque rating must be verified by builder.



C

RUDDER DATA

Please check where applicable.

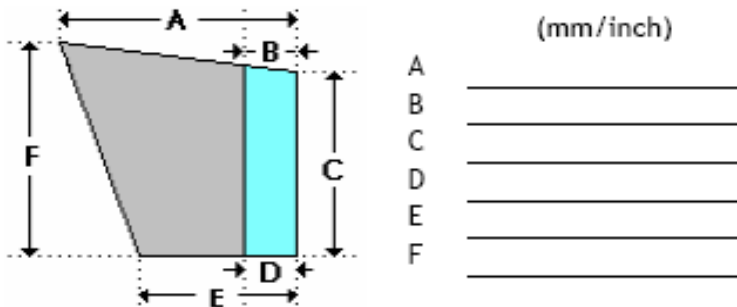
FLAT STREAMLINE SPADE SKEG
NOZZLE TUNNEL NET GUARD OTHER

RUDDER ANGLE 35 DEGREES 45 DEGREES OTHER (from Midships to Hardover)

RUDDER SHAFT DIAMETER AT TILLER _____ (mm or inches) STRAIGHT TAPER

NUMBER OF RUDDERS _____ DISTANCE BETWEEN RUDDER SHAFTS _____ (mm or inches)

DIMENSIONS and counter balance of rudder - please provide sketch



RECOMMEND COUNTER BALANCE (average of B & D)

- 24 to 26% FOR DISPLACEMENT HULLS
- 20 to 22% FOR SEMI-PLANNING
- 16 to 18% FOR PLANNING HULLS

D

STEERING GEAR DATA

Please check where applicable.

MODE HAND HYDRAULIC JOG (NFU) FULL-FOLLOW-UP HYDRAULIC ELECTRIC

STEERING STATIONS NUMBER _____ LOCATION _____ WHEEL LEVER

LENGTH OF TUBING RUN FROM WHEELHOUSE TO STEERING GEAR _____ (M or Ft)

HYDRAULIC POWER SOURCE ENGINE DRIVEN ELECTRIC MOTOR

NUMBER OF PUMPS _____ HARDOVER TIME _____ (in seconds)

ELECTRIC MOTOR _____ (VAC/PH/HZ) SOLENOID VOLTAGE _____ DC

RUDDER ANGLE INDICATOR LOCATION _____ VOLTAGE _____

AUTOMATIC PILOT MAKE _____ MODEL _____

COMMENTS _____

REQUIRED DELIVERY DATE _____