Pump Drive Application Data Sheet

Please return to:
Twin Disc, Inc.
Industrial Applications
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Requested by: **Date:**
Company:
Contact:
City: State: Country:
Phone:
E-mail:

Requested Model: **Input Speed:** **Pump Speed or Ratio:**
Approved Model: **Notes:**

Application and Environment:
Type of machine / driven equipment:
Operating hours per day: Ambient temperature range between and
Air flow across equipment: ☐ good ☐ poor ☐ none Notes:

Prime Mover:
☐ Diesel engine ⇨ Make: & Model: ☐ Other:
Rated power: @ rated speed: ☐ Net flywheel power or ☐ parasitic losses:
Max torque: @ speed:
Flywheel housing size: SAE Flywheel size: SAE (provide drawing if not per SAE standard)

Pump Drive Input Configuration:
Which engine side will drive the pump drive? ☐ Flywheel ☐ Front
Alternatively specify direction of input rotation viewing at pump drive input ☐ Counter-Clockwise or ☐ Clockwise

☐ No clutch required:
- ☐ Input housing & rubber block drive
- ☐ Input housing & flexible coupling
- ☐ Input housing only
- ☐ Input flange only
- ☐ No housing, no RBD/coupling/flange

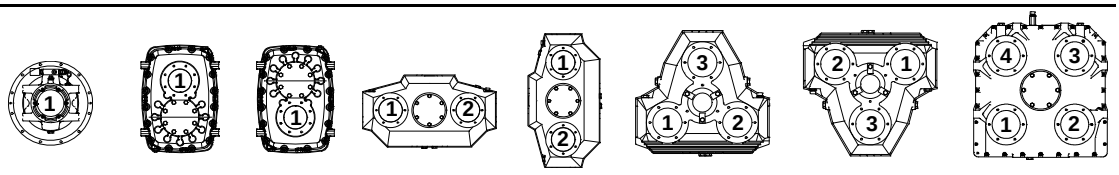
☐ Dry clutch:
- ☐ Engine mounted
  Pilot bearing size:
  Provide drawing if size and/or horizontal location are not per SAE standard.
- ☐ Freestanding installation

Dry clutches are available in single pump pad configurations.

☐ Hydraulic clutch (engine mounted only)
- ☐ PFI 120, available for AM230 & AM 450 pump drives only
- ☐ Single pump pad configuration

Control valve option for hydraulic clutch:
- ☐ mechanical or
- ☐ Electric Volt DC

Pump Drive Output Configuration:
Please select according to required number of outputs and installation orientation.
Use also for output location.



☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Pump pad selection:

	SAE A 2-bolt	SAE B 2-bolt	SAE B 4-bolt	SAE C 2-bolt	SAE C 4-bolt	SAE D 4-bolt	SAE E 4-bolt	Other / Notes
1	☐	☐	☐	☐	☐	☐	☐	
2	☐	☐	☐	☐	☐	☐	☐	
3	☐	☐	☐	☐	☐	☐	☐	
4	☐	☐	☐	☐	☐	☐	☐	

Pump spline selection & torque (please provide pump characteristics if torque is not available.):

	Torque	SAE A 9T	SAE B 13T	SAE B-B 15T	SAE C 14T	SAE C-C 17T	SAE D&E 13T	Other / Notes
1		☐	☐	☐	☐	☐	☐	
2		☐	☐	☐	☐	☐	☐	
3		☐	☐	☐	☐	☐	☐	
4		☐	☐	☐	☐	☐	☐	

Max. total output torque: (If different to sum of torques each output)
A variety of additional pump pad & spline configurations is available. Please ask Twin Disc, Inc. for additional information.

Options:
☐ Through center shaft ☐ Oil circulating pump ☐ Heat exchanger ☐ Other:

Notes: