

CAUTION: MAXIMUM OUTPUT SHAFT SPEED NOT TO EXCEED 2,500 RPM.

FORD TRANSMISSION							LEFT SIDE ONLY (RIGHT SIDE TURN PAGE)						
 4R100 4x2 AUTOMATIC (1988-2002 DIESEL) (1988-2004 GAS) Footnote (1, 2, 6)							FORD 6-BOLT OPENING					PTO DRIVE GEAR DATA: 115T 14.20P 15.9° PA 18° L.H. LOCATION: Front PLMF: 1.742 PLV: 2230 FPM RPM: 1,000	
							6-BOLT TYPE		PTO MODEL NUMBER				
SINGLE SPEED MULTI GEAR	FA62-F1406-H3BX FA62-F1406-H3TX		3, 5 4, 5	Opp Opp	134 134					Included Included	Power Power	127 127	39 39

FOOTNOTES:

- Minimum Engine Speed for PTO Operation of 6.8L GAS = 1,300 RPM.
- Minimum Engine Speed for PTO Operation of 7.3L DIESEL = 1,200 RPM.
- Remote Mount 1 1/4" Rd Output Shaft.
- Direct Mount Pump Output. See charts below for hydraulic pump applications. Output shaft option "R" - SAE A Mount is available option for FA62 PTO.
- PTO output torque rating is based on the maximum available torque from the transmission. The PTO HP shown is based on the Min. 1,200 Engine RPM and PTO output shaft at 1,608 RPM.
- Wiring harness #34T38267 required when used with Ford APCM, sold separately.

EXAMPLE:

- Begin by determining the flow and pressure requirement of your application.
- Next find the desired engine speed at the left of the chart and follow across to closest pump output flow to meet your application. Follow the grid up to the top to read basic pump series and size. This is the pump that will give you the flow you desire. You may need to alter engine operating speed to match your desired flow.
- If your system required 8 GPM to operate, then you would look for 8 GPM in the columns. Finding the first one under the pump PF4-606 would give you a pump which will deliver the 8 GPM you require at an engine speed of 1,200 RPM. You would also get 8 GPM if you select the PF4-368 pump, but you would need to operate the engine at 1,800 RPM.
- After you have selected the Pump Series and size, then the complete pump model number can be ordered. The PF1 Series would follow the form of: **PF4-***-16ASRL**. PF4 will be substituted for PF4 as inventory is changed. The PK Series would follow the form of: **PK**-16ASBB**.

PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE (Gas or Diesel Engine)

PK13- PK11- PK8- PF4-870- PF4-818- PF4-714 PF4-606- PF4-502-

		2.96 cu.in./Rev		2.46 cu.in./Rev		1.97 cu.in./Rev		2.01 cu.in./Rev		1.89 cu.in./Rev		1.71 cu.in./Rev		1.40 cu.in./Rev		1.16 cu.in./Rev	
		GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI
		3,000		3,000		3,000		2,320		2,900		2,900		3,625		3,625	
ENGINE SPEED	1,200	21	3,000	17	3,000	14	3,000	14	2,320	13	2,900	12	2,900	10	3,625	8	3,625
	1,300	22	3,000	19	3,000	15	3,000	15	2,320	14	2,900	13	2,900	11	3,625	9	3,625
	1,500	26	3,000	21	3,000	17	3,000	17	2,320	16	2,900	15	2,900	12	3,625	10	3,625
	1,700	29	3,000	24	3,000	19	3,000	20	2,320	19	2,900	17	2,900	14	3,625	11	3,625
	1,900	33	3,000	27	3,000	22	3,000							15	3,625	13	3,625
	2,100			30	3,000	24	3,000									14	3,625
	2,300			32	3,000	26	3,000										
	2,500																

EXCEEDS MAX RPM

PUMP OUTPUT FLOW* AND MAXIMUM PRESSURE

PF4-424- PF-368- P4-290- PF4-264- PF4-212 PF4-160-

		0.98 cu.in./Rev		0.85 cu.in./Rev		0.67 cu.in./Rev		0.61 cu.in./Rev		0.49 cu.in./Rev		0.37 cu.in./Rev	
		GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI	GPM	RATED PSI
		3,625		3,625		3,625		3,625		3,625		3,625	
ENGINE SPEED	1,200	7	3,625	6	3,625	4.5	3,625	4	3,625	3	3,625	2.5	3,625
	1,300	7.5	3,625	6.5	3,625	5	3,625	4.5	3,625	3.5	3,625	3	3,625
	1,500	8.5	3,625	7	3,625	6	3,625	5	3,625	4	3,625	3	3,625
	1,700	9.5	3,625	7	3,625	6.5	3,625	6	3,625	5	3,625	3.5	3,625
	1,900	11	3,625	9	3,625	7	3,625	7	3,625	5	3,625	4	3,625
	2,100	12	3,625	10	3,625	8	3,625	7	3,625	6	3,625	4.5	3,625

* Theoretical Flow shown

Speed shown for pump at 0 in.hg. vacuum.

PLEASE NOTE:

If you are accustomed to ordering a hydraulic pump based on the pump model number, you may be ordering a pump larger than you require when applying that pump to this application.

To Calculate the PTO output speed:

Engine Speed × 134% = PTO output speed
 Ex: Engine speed of 1,400 RPM would yield:
1,400 × 1.34 = 1,876 RPM PTO

A 6 GPM pump (like the PF4-606) would deliver an output flow of:
 Disp × RPM / 231
1.4 × 1,876 / 231 = 11.4 GPM