

Cast iron body gear pumps

FORMULA and FORMULA SFP series

Gear pumps made of cast iron in two pieces, ideal for truck application.

Displacements from 8,26 cm³/rev ▪ 0.50 in³/rev to 150,79 cm³/rev ▪ 9.20 in³/rev available in groups 20, 30, 35 and 40.

Max. peak pressure up to 325 bar ▪ 4700 psi.

Max. speed up to 3000 min⁻¹.



Features

- ◆ High performance also at very low speed
- ◆ Different ports position availability
- ◆ Low noise emission
- ◆ Shaft seal system no leakage guarantee
- ◆ Modular design
- ◆ Direct mounting on the PTOs

Main characteristics

	Displacement	Max. continuous pressure	Max. speed
	cm ³ /rev ▪ in ³ /rev	bar ▪ psi	min ⁻¹
FORMULA 20	cm ³ /rev ▪ in ³ /rev	bar ▪ psi	min ⁻¹
FP 20•8	8,26 ▪ 0.50	280 ▪ 4050	2000
FP 20•11,2	11,23 ▪ 0.69	280 ▪ 4050	2000
FP 20•16	16,85 ▪ 1.03	280 ▪ 4050	2000
FP 20•20	21,14 ▪ 1.29	260 ▪ 3750	2000
FP 20•25	26,42 ▪ 1.61	220 ▪ 3200	2000
FP 20•31,5	33,03 ▪ 2.01	190 ▪ 2750	1800
FP 20•36	35,94 ▪ 2.19	170 ▪ 2450	1800
FP 20•40	39,64 ▪ 2.42	160 ▪ 2300	1800
FORMULA 30	cm ³ /rev ▪ in ³ /rev	bar ▪ psi	min ⁻¹
FP 30•17	17,28 ▪ 1.05	290 ▪ 4200	3000
FP 30•27	26,70 ▪ 1.63	290 ▪ 4200	3000
FP 30•34	34,56 ▪ 2.11	280 ▪ 4050	2800
FP 30•38	39,27 ▪ 2.40	280 ▪ 4050	2800
FP 30•43	43,98 ▪ 2.68	270 ▪ 3900	2500
FP 30•51	51,83 ▪ 3.16	240 ▪ 3500	2500
FP 30•61	61,26 ▪ 3.74	220 ▪ 3200	2000
FP 30•73	73,82 ▪ 4.50	200 ▪ 2900	1800
FP 30•82	81,68 ▪ 4.98	190 ▪ 2750	1800
FP 30•100	100,52 ▪ 6.16	180 ▪ 2600	1800
FP 30•125	125,66 ▪ 7.67	160 ▪ 2300	1800
FORMULA 40	cm ³ /rev ▪ in ³ /rev	bar ▪ psi	min ⁻¹
FP 40•63	61,43 ▪ 3.75	290 ▪ 4200	2700
FP 40•73	72,60 ▪ 4.43	280 ▪ 4050	2700
FP 40•87	86,56 ▪ 5.28	260 ▪ 3750	2700
FP 40•109	108,90 ▪ 6.64	240 ▪ 3500	2700
FP 40•133	134,03 ▪ 8.18	220 ▪ 3200	2500
FP 40•151	150,79 ▪ 9.20	180 ▪ 2600	2500
FORMULA SFP 30	cm ³ /rev ▪ in ³ /rev	bar ▪ psi	min ⁻¹
SFP 30•34	35,43 ▪ 2.16	280 ▪ 4050	2800
SFP 30•43	45,09 ▪ 2.75	270 ▪ 3900	2500
SFP 30•51	53,14 ▪ 3.24	250 ▪ 3600	2500
SFP 30•61	62,80 ▪ 3.83	230 ▪ 3350	2500
SFP 30•73	75,68 ▪ 4.62	205 ▪ 2950	2250
SFP 30•82	83,74 ▪ 5.11	195 ▪ 2800	2250
FORMULA SFP 35	cm ³ /rev ▪ in ³ /rev	bar ▪ psi	min ⁻¹
SFP 35•90	95,99 ▪ 5.86	230 ▪ 3350	2250
SFP 35•100	104,92 ▪ 6.40	220 ▪ 3200	2250
SFP 35•112	118,31 ▪ 7.22	205 ▪ 2950	2250