



Alfons Haar

PTO-FIT PUMP RANGE

DRIVEN PROPSHAFTLESS

Coupled directly to standard PTO-gearbox

FPDV 60 PTO-FIT

FPDV 80 PTO-FIT

**The
Solution for
Standard
+ AWD
Trucks**



FPDV60 PTO-FIT

ALL FPDV BENEFITS

FPDV 80 PTO-FIT

The Future designed for ePTO!

TECHNICAL DATA FPDV 60 PTO-FIT	
Flow Range	200 - 600 lpm
RPM Range	500 - 1300 rpm
Optimised pump weight	19.70 kg
Center of gravity	128 mm
Weight bending moment	24.50 Nm

Technical Data FPDV 80 PTO-FIT	
Flow Range	400 – 920 lpm
RPM Range	500 – 1100 rpm
Optimised pump weight	27,55 kg
Center of gravity	125 mm
Weight bending moment	34.44 Nm

Savings FPDV60 vs. Propshaft Drive

Installation Savings Total **650€**
 + Operational Savings per year **380€**

Installation savings:

Propshaft complete	250€
Mounting brackets	50€
Pipework	100€
Labour cost	250€
Total	650€

Plus annual Operational savings:

Propshaft drive	6 kg
Mounting brackets+pipe work	4 kg
Pump weight	30 kg
Total weight savings	40 kg

40kg x 9.50 €/kg* = 380€ per year

Savings FPDV80 vs. Hydraulic Drive

Installation Savings Total **4850€**
 + Operational Savings per year **1235€**

Installation savings:

Hydraulic pump, motor:	3 000 €
Oil tank & oil, valves, piping:	1 000 €
Labour costs:	850 €
Total:	4 850 €

Plus annual Operational savings:

Oil tank, oil, pump, motor, valves, piping	100 kg
Pump weight savings against competition	30 kg
Total weight savings:	130kg

130 kg x 9.50 €/kg* = 1235 € per year

- ✓ **Direct bolt to PTO – propshaftless**
- ✓ **Up to 30 % lower weight**
- ✓ **Combines pneumatic & mechanical bypass valve – emergency run**
- ✓ **Lifetime lubrication***
- ✓ **Suitable for operation in hazardous area e.g. Zone 1**
- ✓ **In line with all standard weight bending movements of European gearboxes and PTOs!**
- ✓ **PTO-FIT easily switches from right to left direction by changing the relief valve to the opposite side**
- ✓ **With our 2 available versions of turning mounting fl you can turn the pump to 360° in steps of 15°**

* Annual savings per kg according to aluminum wheel manufacturers

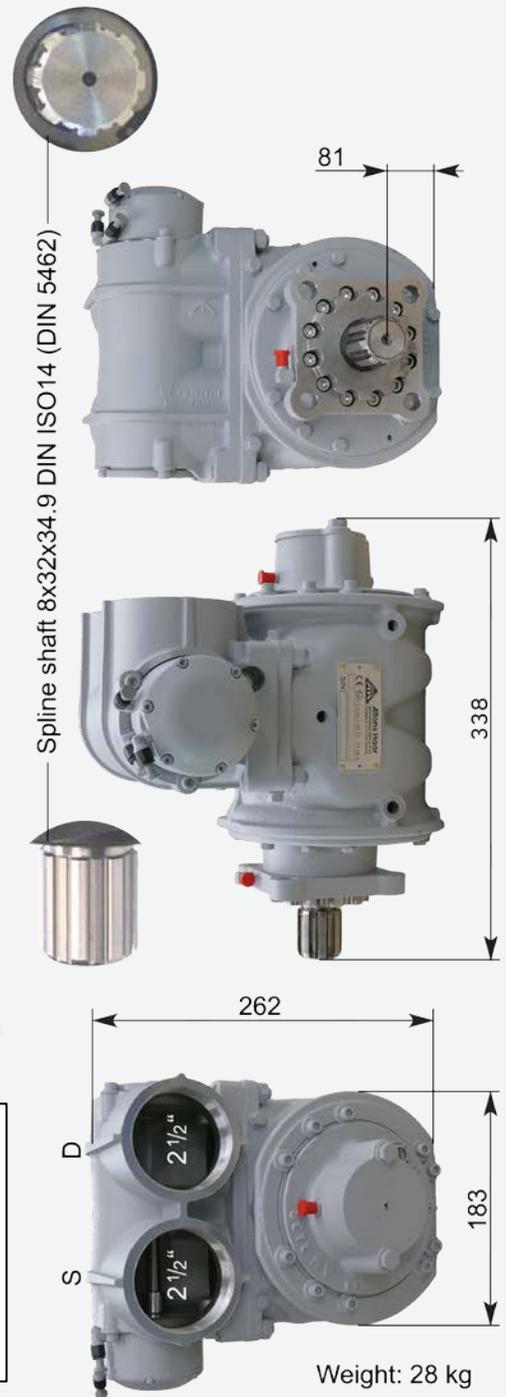
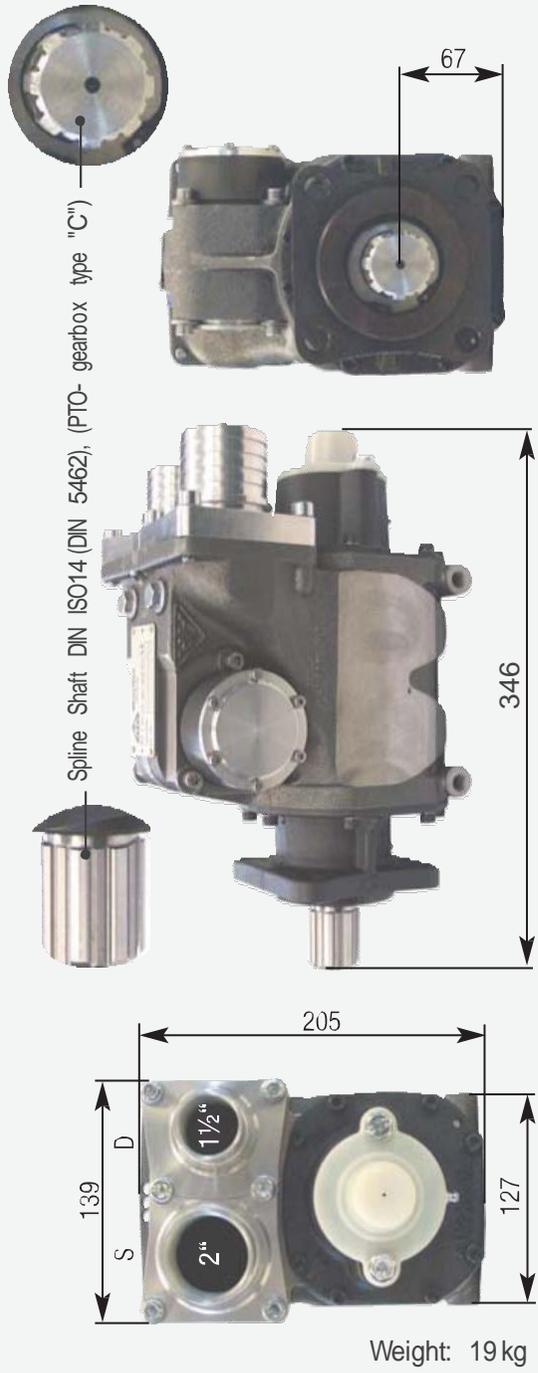
* Annual savings per kg according to aluminum wheel manufacturers

PART NUMBERS FPDV 60 PTO-FIT	
2434851	FPDV 60-480 LU-X2/PA1.7
2434844	FPDV 60-480 LU-X2/PA 0
2589952	FPDV 60-480 LU-X2/MC3.0
2434921	FPDV 60-480 LU-X2/MC6.0

Please contact our customer support before making your truck selection, we help you to match the best possible TO box / PTO application with your PTO-Fit pump.

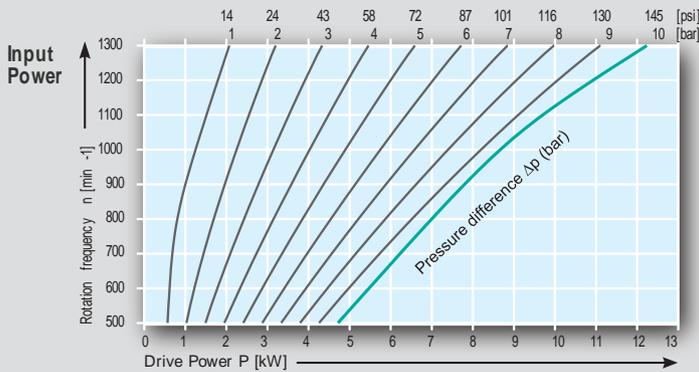
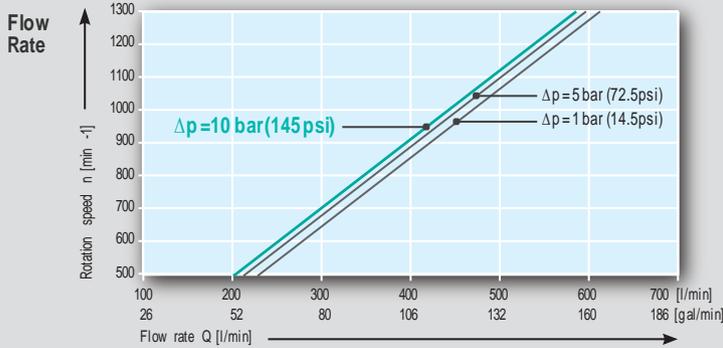
PART NUMBERS FPDV 80 PTO-FIT	
2629719	FPDV 80-900 R 000 X2 PA 1.7 - connection 0°
2615474	FPDV 80-900 R 015 X2 PA 1.7 - connection 15°
2637776	FPDV 80-900 R 000 X2 PB 3.0 - connection 0°
2637783	FPDV 80-900 R 015 X2 PB 3.0 - connection 15°

PAPB: pneumatical bypass, pressure spring x bar
MC: mechanical bypass x bar
R: clockwise rotation (shaftview)
U: installation position undefi - fasting grooved pins for vent holes supplied lose
X2: for -40°C

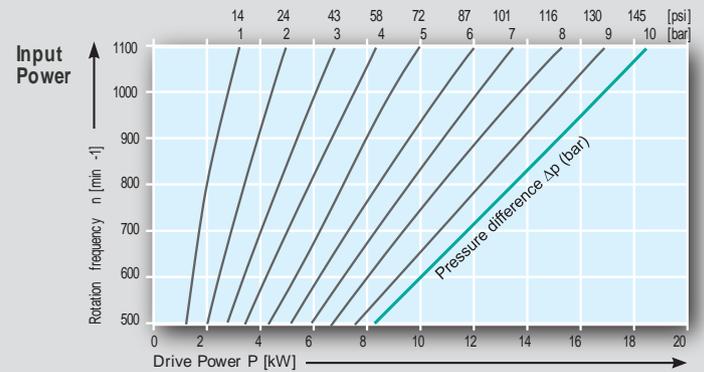
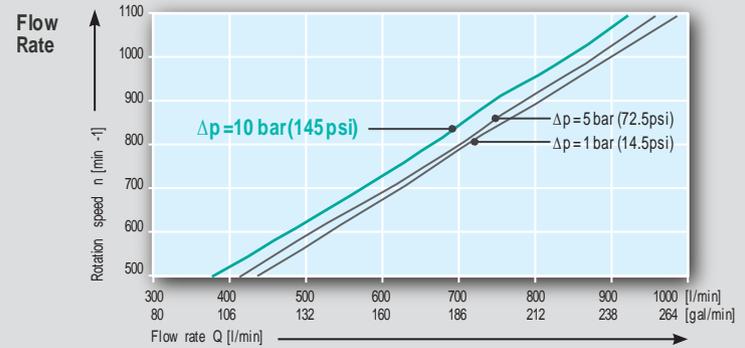


Technical Data

FPDV 60 PTO-FIT



FPDV 80 PTO-FIT



PTO-FIT Accessories

Pump Filter	for FPDV 60 1013102PF80/1A PUMP FILTER 1000 for FPDV 80 1013102PF80/1A PUMP FILTER 1000
Deflagration Flame Arrestors	for FPDV 60 2358362 PF 80 DEF 50 <Ex> for FPDV 80 2357823 PF 100 DEF 50 <Ex>

Temperature sensors 70°C

2484299	TMS 2 E 70 – (electric)
2442719	TMS 2 N SR 70 – (electric with connection plug)
2447787	TPV 2B 3/2 NC 1.3-70 – (pneumatic normally closed)

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