

SPECIFICATIONS

Pump Model			TPV 28	TPV 34	TPV 38	TPV 41
Theoretical max. displacement	$V_{max.}$	cm ³ /min.	28	34	38	41
Flow rating ⁽¹⁾	Q	l/min.	101	122	137	148
Power rating ⁽¹⁾	W	kW	42	51	57	61
Charge pump displacement	V_{bp}	cm ³ /n		14		
Rated pressure	$P_{nom.}$	bar		280		
Max. pressure	$P_{max.}$	bar		320		
Charge pressure ⁽²⁾	P_{bp}	bar		15-26		
Absolute suction pressure ⁽³⁾	P_s	bar		>= 0,8		
Cold start absolute suction pressure	P_{s1}	bar		>= 0,5		
Max. case pressure	P_{case}	bar		1,5		
Moment of inertia	J	kgm ²		0,0029		
Minimum speed	$n_{min.}$	n/min.		700		
Rated speed	$n_{max-cont.}$	n/min.		3.600		
Max. speed	$n_{max-int.}$	n/min.		3.900		
Max. fluid temperature	T	°C		80		
Fluid viscosity	ν	mm ² /sec.		15-35		
Fluid contamination			18/15 according ISO 4406 (Class NAS 9)			
Mass (single pump with hydr-servo)	m	kg		23		
Mass (tandem pump with hydr-servo)	m	kg		48		

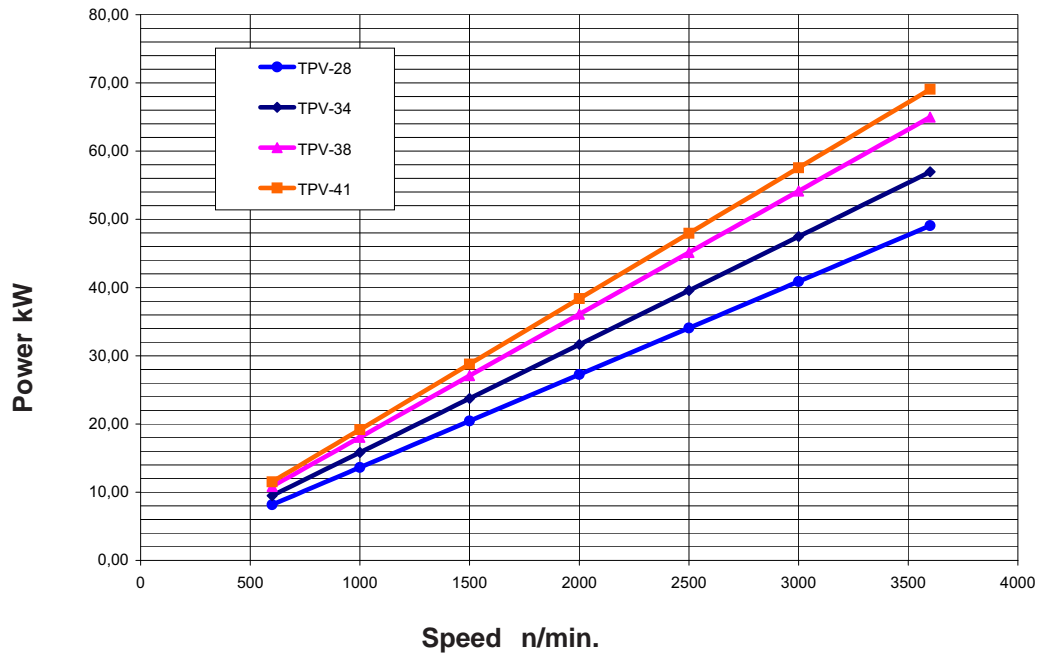
(1) [$V_{max.}$ - $n_{max.}$]

(2) 1500 n/min.

(3) $\nu \leq 30$ mm²/s

PERFORMANCE (Indicative Data)

Power at 280 bar (max displacement)



Outlet Flow at 280 bar (max displacement)

