



Radial Piston Pumps

Type-number

Stellen-Nr.:	1	2	3	4	5	6
	PZ/	05	-700	-3,1	II	ZP

Building Group		Nb of Pistons	Plunger Size	Pressure**
PPZ	Size 1	1,2 or 3	Ø 6, 8, 10	700
PD	Size 2	1 or 2	Ø 6, 8, 9, 10, 12, 16	700
PD(S)	Size 2 (1000 Bar)	1 or 2	Ø 6, 8, 9, 10	1000
PZ	Size 2	3 or 5	Ø 6, 8, 9, 10, 12, 16	700
PM	Size 2	2, 4 or 6	Ø 6, 8, 9, 10, 12, 16	700
P	Size 2	2, 4 or 6	Ø 6, 8, 9, 10, 12, 16	700
P(S)	Size 2 (1000 Bar)	2, 4 or 6	Ø 6, 8, 9, 10	1000
PW	Size 3	4 or 6	Ø 19 & 22	500

Number of Pistons

max. Pressure (** Tabel off max presures and displacements)

250 Bar
 500 Bar
 700 Bar
 1000 Bar

Flow ccm / Rev

for one pressure connection: flow rate of the pump
 for more connections: V1 + V2.....+Vn

Drive option (second pump)

I for second Radial Piston Pump
 II for GP 2 (gearpump)
 III for GP 1
 IV for GP 0,5
 V for GP 3

Gearpump

Ref. of the gearpump for combination pumps

Exmpl.:

PZ/05-700-3,1	PZ with 5 Pistons, 700 Bar; 3,1 ccm/rev
P/04-700-1,57 + 1,57	P with 4 Pistons; 700 Bar; 2 x 1,57 ccm/rev
P/06-500-12,06/II	P with 6 Pistons; 500 Bar; 12,06 ccm/rev Second drive II, without gearpump
PW/04-500-16,5/II-ALP2BK7-S-16	PW with 4 Pistons, 500 Bar, 16,5 ccm/rev and second pump ZRP ALP2BK7-S-16



Maximum pressures and displacements of the standard program

Size	Housing	Nb of Pistons	Pressure (bar) / displacement (cm ³) by piston diameter							
			∅ 6 mm	∅ 8 mm	∅ 9 mm	∅ 10 mm	∅ 12 mm	∅ 16 mm	∅ 19 mm	∅ 22 mm
1	PPZ	1	700/0,21	700/0,38		500/0,59				
		2	700/0,42	700/0,76		500/1,18				
		3	700/0,63	700/1,14		500/1,77				
2	PD	1		700/0,40	700/0,51	700/0,63	700/0,90	500/1,61		
		2		700/0,80	700/1,02	700/1,26	700/1,80	500/3,22		
	PDS	1		1000/0,40	1000/0,51					
		2		1000/0,80	1000/1,02					
	PZ	3	700/0,84	700/1,50	700/1,92	500/2,37	500/3,39	250/6,03		
		5	700/1,41	700/2,51	700/3,18	500/3,93	500/5,65	250/10,05		
	P & PM	2	700/0,565	700/1,00	700/1,28	700/1,58	700/2,26	500/4,02		
		4	700/1,13	700/2,10	700/2,54	700/3,14	700/4,52	500/8,04		
		6	700/1,70	700/3,02	700/3,82	700/4,71	700/6,79	500/12,06		
	PS	2	1000/0,565	1000/1,00	1000/1,27					
4		1000/1,13	1000/2,01	1000/2,54						
6		1000/1,70	1000/3,02	1000/3,82						
3	PW	4						500/16,50	500/22,15	
		6						500/24,75	500/33,19	

Plunger-Assembly (repair assembly)

Type-number

	1	2	3	4	5	6
	PPA	-1	-06	-S	-V	-XXX

Pump Plunger Assembly

Building Size > 1, 2 or 3

Plunger ∅ >> 06, 08, 09, 10, 12, 16, 19 of 22

Steel (Empty = standard)

Viton (Empty = NBR)

Special model (Exmpl. HS = Hydroserv)