

Aluminium body gear pumps

WHISPER series: low noise emission - reduced pulsations by 75%

Gear pumps built in three pieces with an extruded body in high resistance aluminium alloy. WHISPER is a new and original technology protected by international patents and applied to a family of external gear pumps that feature low noise emissions. The wide choice of shafts, flanges and ports, in compliance with all international standards (SAE, DIN and EUROPEAN) allow for their use in an infinite variety of applications.

Displacements from 1,12 cm³/rev ▪ 0.07 in³/rev to 96,85 cm³/rev ▪ 5.91 in³/rev available in groups 10, 20 and 30.

Max. peak pressure up to 300 bar ▪ 4350 psi.

Max. speed up to 4000 min⁻¹.



Features

- ✦ High efficiencies
- ✦ Low noise emission
- ✦ Integrated outboard bearings for heavy duty applications
- ✦ Multiple units
- ✦ Custom design

Optional built-in valves

- ✦ Anticavitation valves
- ✦ Maximum pressure relief valves
- ✦ Priority valves
- ✦ Load-Sensing priority valves
- ✦ By-pass electric valves

Main characteristics

	Displacement		Max. continuous pressure	Max. speed
	cm ³ /rev	in ³ /rev		
WHISPER 10	cm ³ /rev	in ³ /rev	bar ▪ psi	min ⁻¹
WSP 10•1	1,12	0.07	260 ▪ 3750	4000
WSP 10•1,5	1,68	0.10	260 ▪ 3750	4000
WSP 10•2	2,24	0.14	260 ▪ 3750	4000
WSP 10•2,5	2,80	0.17	260 ▪ 3750	4000
WSP 10•3,15	3,48	0.21	260 ▪ 3750	4000
WSP 10•4	4,45	0.27	250 ▪ 3600	4000
WSP 10•5	5,60	0.34	250 ▪ 3600	4000
WSP 10•5,8	6,51	0.40	230 ▪ 3350	3500
WSP 10•6,3	7,00	0.43	230 ▪ 3350	3500
WSP 10•8	8,92	0.54	180 ▪ 2600	3500
WSP 10•10	11,20	0.68	140 ▪ 2050	3500
WHISPER 20	cm ³ /rev	in ³ /rev	bar ▪ psi	min ⁻¹
WSP 20•4	5,25	0.32	250 ▪ 3600	4000
WSP 20•6,3	7,00	0.43	250 ▪ 3600	4000
WSP 20•7,2	7,72	0.47	250 ▪ 3600	4000
WSP 20•8	8,74	0.53	250 ▪ 3600	3500
WSP 20•9	9,65	0.59	250 ▪ 3600	3500
WSP 20•10,5	11,54	0.70	250 ▪ 3600	3500
WSP 20•11,2	11,89	0.73	250 ▪ 3600	3500
WSP 20•14	15,39	0.94	250 ▪ 3600	3500
WSP 20•16	17,84	1.09	250 ▪ 3600	3000
WSP 20•19	20,22	1.23	200 ▪ 2900	3000
WSP 20•20	22,38	1.37	200 ▪ 2900	3000
WSP 20•24,5	26,30	1.60	170 ▪ 2450	2500
WSP 20•25	27,98	1.71	170 ▪ 2450	2500
WSP 20•27,8	29,87	1.82	130 ▪ 1900	2000
WSP 20•31,5	34,98	2.13	130 ▪ 1900	2000
WHISPER 30	cm ³ /rev	in ³ /rev	bar ▪ psi	min ⁻¹
WSP 30•22	23,38	1.43	250 ▪ 3600	3000
WSP 30•27	28,39	1.73	250 ▪ 3600	3000
WSP 30•34	36,74	2.24	240 ▪ 3500	3000
WSP 30•38	41,75	2.55	240 ▪ 3500	3000
WSP 30•43	46,76	2.85	230 ▪ 3350	3000
WSP 30•51	55,10	3.36	210 ▪ 3050	2500
WSP 30•61	65,12	3.97	190 ▪ 2750	2500
WSP 30•73	78,48	4.79	170 ▪ 2450	2500
WSP 30•82	86,83	5.30	160 ▪ 2300	2200
WSP 30•90	96,85	5.91	150 ▪ 2200	2200