

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	bar	psi	min ⁻¹
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