

DESCRIPTION:

SETTIMA MECCANICA. CONTINUUM® REPRESENTS THE NO NOISE ALTERNATIVE TO GEAR AND VANE PUMPS TO CREATE A BETTER WORKING ENVIRONMENT. PRODUCTS ARE IDEAL FOR HIGH PRESSURE APPLICATIONS DESIGNED WITH A NO NOISE PUMP TECHNOLOGY CAPABLE OF ELIMINATING ACOUSTIC EMISSIONS AND VIBRATIONS.



ADVANTAGES:

- SPECIAL ROTORS PROFILE AVOIDS OIL ENCAPSULATION
- **NO NOISE - AVERAGE 15DB (A) - LESS NOISE COMPARED TO STANDARD GEAR AND VANE PUMPS**
- EXTREMELY LOW VIBRATIONS AND PULSATIONS
- VERY HIGH EFFICIENCY FOR A WIDE RANGE OF SPEEDS (UP TO 6.500 RPM)
- MAXIMUM OPERATING PRESSURE UP TO 300 BAR
- INTERCHANGEABLE WITH STANDARD GEAR PUMPS



QUIET GEAR PUMP 55DB

	PART NUMBER	DISPLACEMENT IN ³ (CM ³) / REV.	GPM@1800	MAX RPM	MAX PSI	PORTS		SHAFT	MOUNT
						INLET	OUTLET		
GR 1	28-4.2AA2B10/08-1/2K	0.26 (4.2)	2.03	3600	3394	SAE 10	SAE 8	1/2" KEY	SAE AA
	28-6.4AA2B10/08-1/2K	0.39 (6.4)	3.04		3394				
	28-8.3AA2B10/08-1/2K	0.51 (8.3)	3.97		3031				
	28-10.2AA2B10/08-1/2K	0.62 (10.2)	4.83		2741				
	28-12.9AA2B10/08-1/2K	0.79 (12.9)	6.16		2466				
GR 2	33-10.1A2B12/10-5/8K	0.62 (10.1)	4.83		3989	SAE 12	SAE 10	5/8" KEY	SAE A
	33-12.6A2B12/10-5/8K	0.77 (12.6)	6		3844				
	33-15.2A2B12/10-5/8K	0.93 (15.2)	7.25		3495				
	33-18.2A2B12/10-5/8K	1.11 (18.2)	8.65		2988				
GR 3	38-15.9A2B16/12-5/8K	0.97 (15.9)	7.56		3884	SAE 16	SAE 12	5/8" KEY	SAE B
	38-17.92B16/12-5/8K	1.09 (17.9)	8.49	3582					
	38-20A2B16/12-5/8K	1.09 (17.9)	9.51	3336					
	38-22.1A2B16/12-5/8K	1.35 (22.1)	10.6	3220					
	38-25.2A2B16/12-5/8K	1.54 (25.2)	12	2901					
	38-28.3A2B16/12-5/8K	1.73 (28.3)	13.48	2611					

PARAMETERS:

PARAMETERS INFLUENCING EMISSIONS OF HYDRAULIC NOISE ARE:

- CAVITATION
- PRESSURE PEAKS RISING FROM TRAPPED FLUID BETWEEN GEAR TEETH
- RIPPLE OR FLOW PULSATION

DIFFERENTLY FROM TRADITIONAL GEAR PUMPS, THE PATENTED CONTINUUM® HELICAL ROTORS PROFILE DOES NOT TRAP ANY FLUID VOLUME, RESULTING IN A GENTLE FLUID TRANSMISSION AND AN OUTSTANDING REDUCTION OF PULSATIONS.