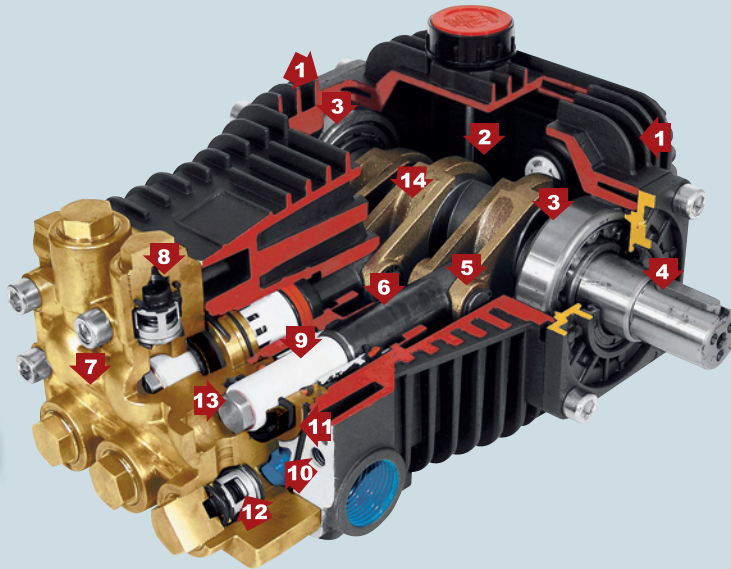


SERIES RA-RB

1450 - 7250 PSI
2.8 - 13 GPM

Larger Volume for the Toughest Jobs

Superior construction and outstanding material quality with innovative technology (patented by Bertolini), provide efficient long life of all components with easy maintenance. This great piston pump provides a new top level of design with efficiency and performance. Ideal for the hardest industrial jobs, such as in-plant stationary systems, trailer mounted cleaning systems, multiple gun washing stations, high volume pressure washers.



INTELLIseal™

EASYlube™

EUROPEAN-AMERICAN COMPONENTS



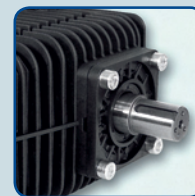
LowStressthread™

LifeTimerod™

1. Two sight glasses makes it easier to monitor oil level.
2. O-ring groove in cover crankcase increases sealing and strength of rear cover.
3. Double cylindrical roller bearing increases life of pump.
4. Forged crankshaft increases load resistance.
5. Circlips of piston pins/connecting rods. To work tightly and constantly on the right tolerances of the pins and connecting rods.
6. Plunger rod in stainless steel Tenifer® treatment. Superior strength surface, increases resistance and reduces wearing.
7. Forged brass head for pumps up to 5800 PSI; Stainless steel for pumps up to 7250 PSI
8. Innovative new valve cap design to prevent loosening. Deeper o-ring prevents o-ring extrusion to increase endurance, and prevent water leaks.
9. White ceramic plungers, 99.5% alumina ceramic in three different sizes.
10. Innovative suction manifold for better cooling. Increases the volume of re-cycling, assuring longer life and a quieter operation of the back/low pressure seals, since they remain always wet.
11. Sealed space between crankcase/head (patented). Guarantees perfect suction feed of high/low pressure seals in constant wet conditions. Increases resistance even in dry conditions.
12. Efficient volumetric check valves (completely). Stainless steel cage included as an option. Superior strength in any condition.
13. New bolt design to lock the ceramic piston, fully tested to be unscrewing proofed.
14. Bronze connecting rods with extra length of head rods for better alignment.



RAL
RAS



RBL
RBS



RAL
stainless
steel

Applications



BERTOLINI
pumps



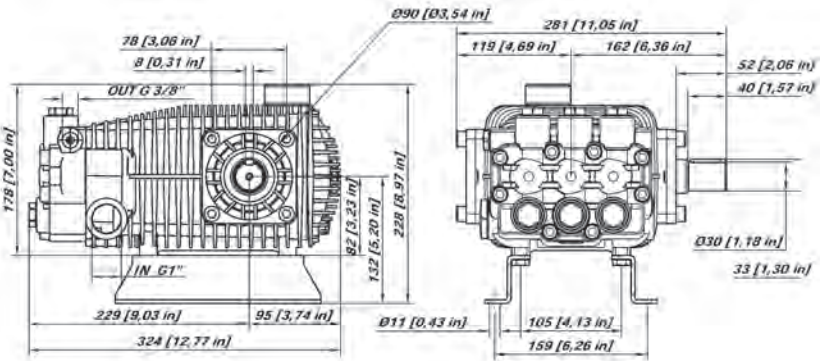
customized highest precision state of the art quality

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PUMPS RA series

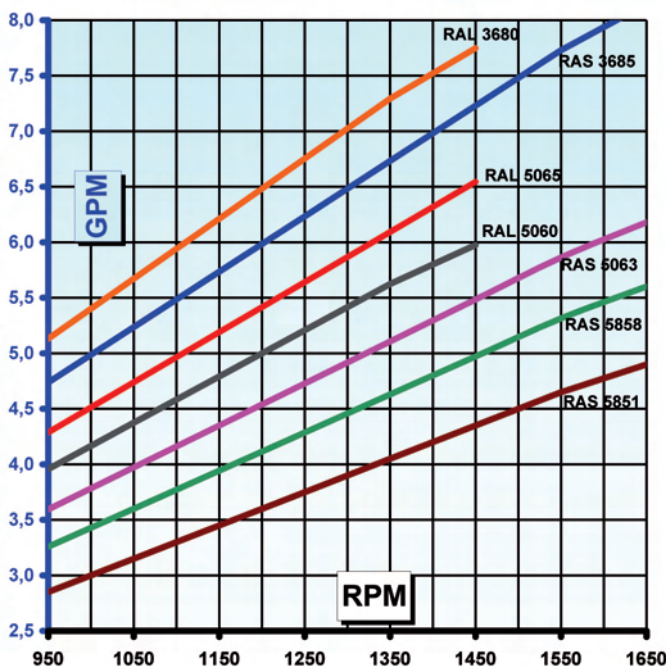
RAL - RAS



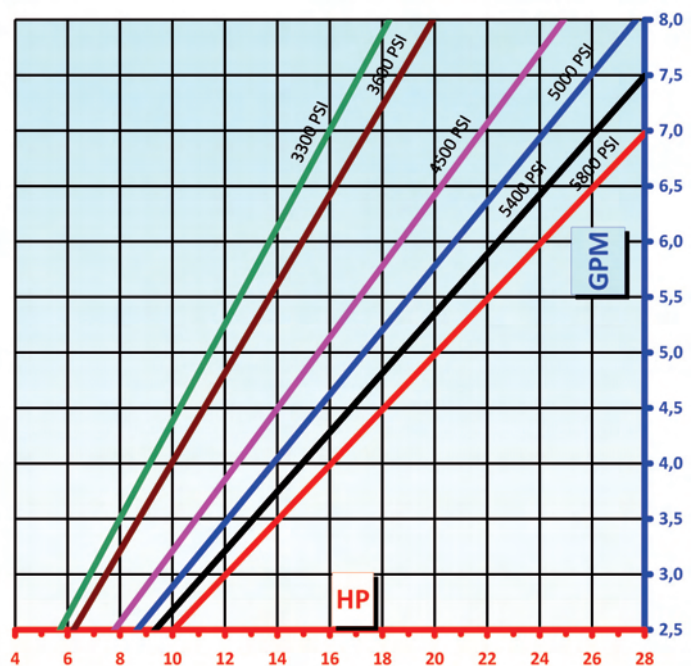
SPECIFICATIONS		RAL-RAS	
IN	DIAMETER	1" BSP	
	PRESS	MIN	3 in Hg
		MAX	87 PSI
TEMP	MAX	165°F	
OUT	DIAMETER	3/8 BSP	
SHAFT	SOLID 30 mm		
OIL	SAE 75W/90	oz	50.7
WEIGHT	lbs	40.7	

PART	MODEL	MAX PSI	MAX GPM	RPM	MAX HP	BORE mm	STROKE mm
08.8004.97.3	RAS 5851	5800	2.8	950	11.5	18	16.0
			4.3	1450	17.6		
08.8005.97.3	RAS 5858	5800	5.1	1750	20.8	18	18.0
			3.3	950	13.2		
08.8006.97.3	RAS 5063	5000	5.0	1450	20.1	20	16.0
			5.8	1750	23.4		
08.8007.97.3	RAL 5060	5000	4.0	950	13.8	20	18.0
08.8008.97.3	RAL 5065	5000	6.0	1450	20.8	20	19.5
			4.3	950	15.0		
08.8009.97.3	RAS 3685	3600	6.5	1450	22.8	22	18.0
			4.7	950	11.9		
08.8010.97.3	RAL 3680	3600	7.2	1450	18.2	22	19.5
			8.5	1750	21.4		
			5.1	950	12.9		
			7.7	1450	19.5		

GPM PERFORMANCE CURVES TO 950 - 1750 RPM



HP PERFORMANCE CURVES TO 3300 - 5800 PSI





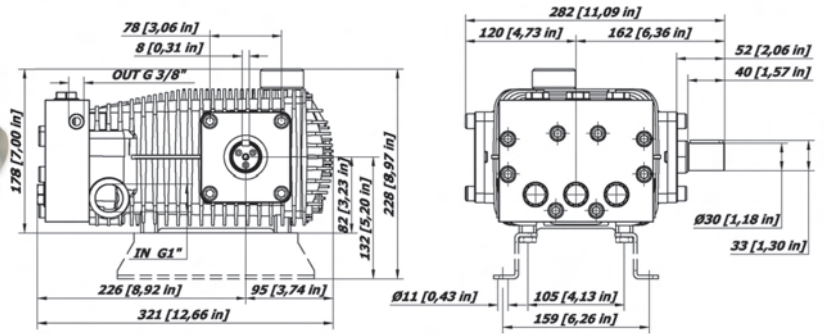
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state of the art precision customized highest quality



PUMPS RA series

RAL

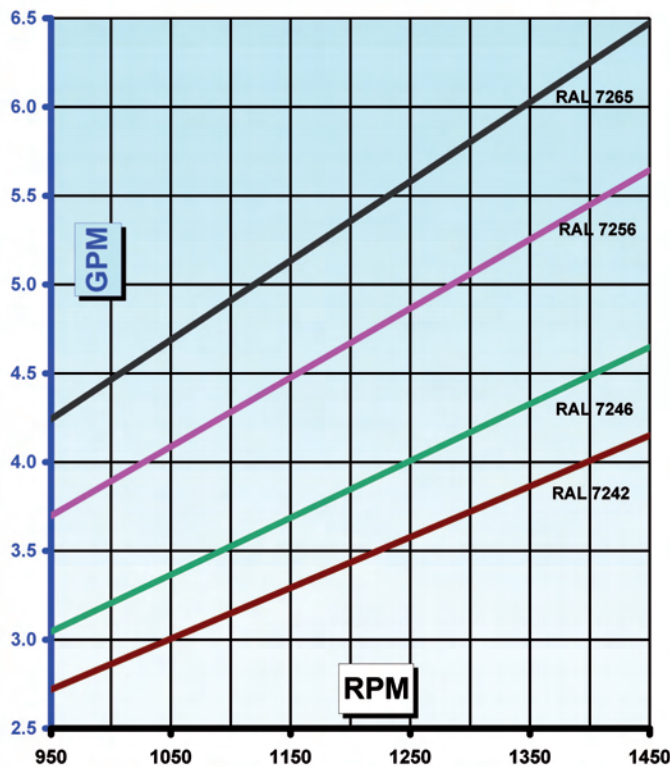


STAINLESS STEEL PUMP HEAD

SPECIFICATIONS		RAL	
IN	DIAMETER	1" BSP	
	PRESS	MIN	3 in Hg
		MAX	87 PSI
TEMP	MAX	165°F	
OUT	DIAMETER	3/8 BSP	
SHAFT	SOLID 30 mm		
OIL	SAE 75W/90	oz 50.72	
WEIGHT	lbs	46	

PART	MODEL	MAX PSI	MAX GPM	RPM	MAX HP	BORE mm	STROKE mm
08.8000.97.3	RAL 7242	7250	2.7	950	13.8	20	12.5
08.8001.97.3	RAL 7246	7250	3.0	950	15.4	20	14.0
08.8002.97.3	RAL 7256	7250	3.7	950	18.7	20	17.0
08.8003.97.3	RAL 7265	7250	4.2	950	21.5	20	19.5

GPM PERFORMANCE CURVES TO 950-1450 RPM



HP PERFORMANCE CURVES TO 4750 - 7250 PSI

