

SERIES 316

1000 - 2200 PSI
 2 - 26.4 GPM

Stainless Steel 316

Pumps with the head made of AISI 316 Stainless steel.

Great for reverse osmosis, desalination, food industry, pharmaceutical and chemical industries. Can be used as a direct drive to electric motors (1450-1725 rpm), as well as gasoline engines through a gearbox or pulleys.

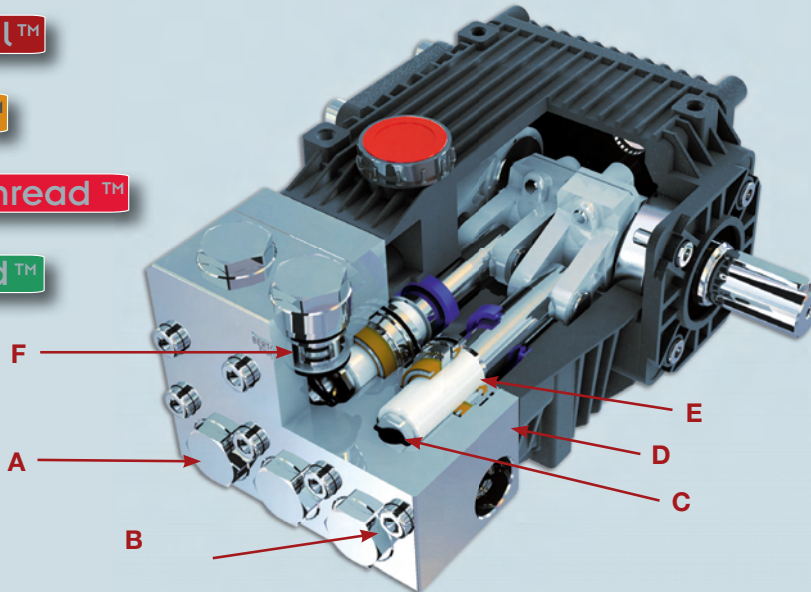
Compact design, easy to install, built with strong state of the art components

INTELLIseal™

EASYlube™

LowStressthread™

LifeTimerod™



- A. Innovative stainless steel 316 valve caps design prevents cap failure due to over pressurization by isolating valve caps threads (exclusive Bertolini design).
- B. Stainless steel 316 screws
- C. Stainless steel 316 piston bolt.
- D. Stainless steel 316 pump head with section proportional to the flow box.
- E. High temperature packings system (TAM) with stainless steel 316 intermediate ring, stainless steel 316 retainer and PTFE anti-extrusion ring.
- F. Rapid action check valves with spring, poppet and seat made of 316 stainless steel.



TAM



KA



CA

Applications





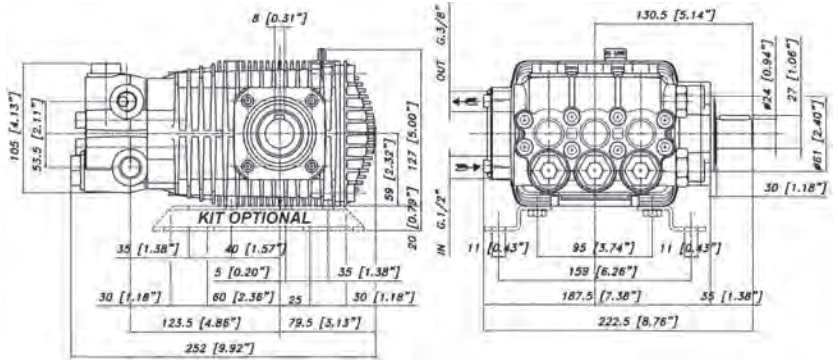
customized precision state of the art
highest quality

state of the art precision
customized highest quality



PUMPS TAM series

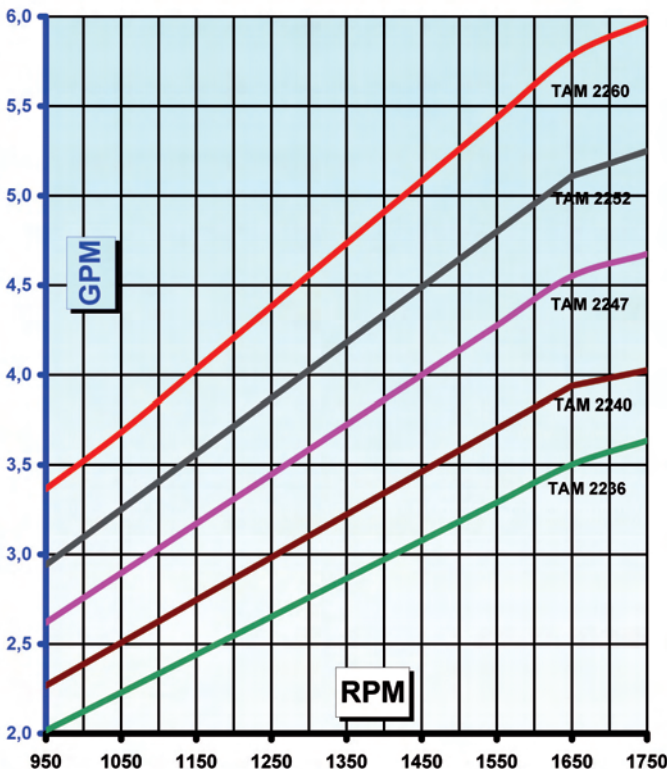
TAM



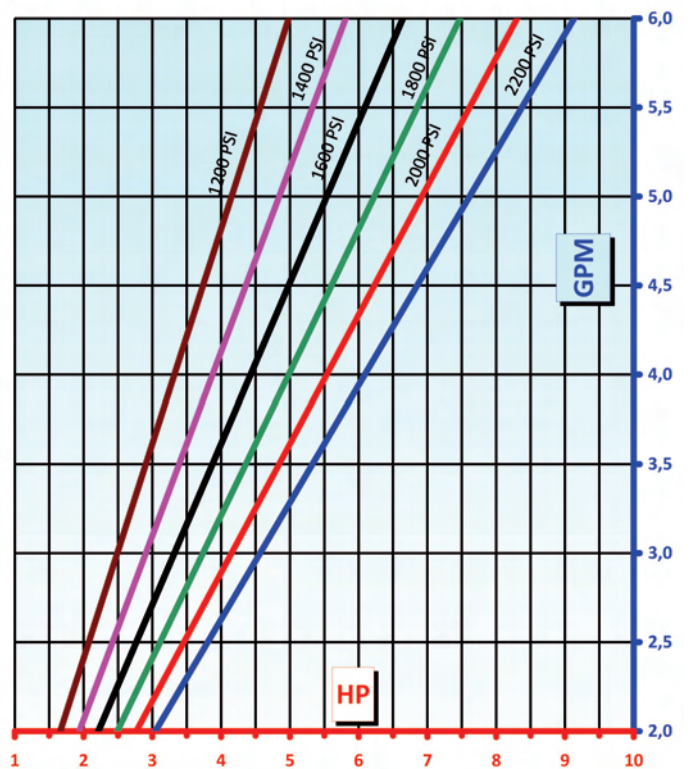
| SPECIFICATIONS | | TAM | |
|----------------|-------------|---------|---------|
| IN | DIAMETER | 1/2 BSP | |
| | PRESS | MIN | 3 in Hg |
| | | MAX | 87 PSI |
| TEMP | MAX | 185°F | |
| OUT | DIAMETER | 3/8 BSP | |
| SHAFT | SOLID 24 mm | | |
| OIL | SAE 75W/90 | oz | 23.7 |
| WEIGHT | lbs | 23.3 | |

| PART | MODEL | MAX PSI | MAX GPM | RPM | MAX HP | BORE mm | STROKE mm |
|--------------|----------|---------|---------|------|--------|---------|-----------|
| 07.4033.97.3 | TAM 2236 | 2200 | 2,0 | 950 | 3,1 | 18 | 11.2 |
| | | | 3,0 | 1450 | 4,7 | | |
| | | | 3,6 | 1750 | 5,6 | | |
| 07.4034.97.3 | TAM 2240 | 2200 | 2,3 | 950 | 3,5 | 18 | 12.4 |
| | | | 3,5 | 1450 | 5,3 | | |
| | | | 4,0 | 1750 | 6,2 | | |
| 07.4035.97.3 | TAM 2247 | 2200 | 2,6 | 950 | 4,0 | 18 | 14.4 |
| | | | 4,0 | 1450 | 6,1 | | |
| | | | 4,7 | 1750 | 7,2 | | |
| 07.4036.97.3 | TAM 2252 | 2200 | 2,9 | 950 | 4,5 | 18 | 16.0 |
| | | | 4,5 | 1450 | 6,9 | | |
| | | | 5,2 | 1750 | 8,1 | | |
| 07.4037.97.3 | TAM 2260 | 2200 | 3,4 | 950 | 5,2 | 18 | 18.7 |
| | | | 5,1 | 1450 | 7,8 | | |
| | | | 6,0 | 1750 | 9,2 | | |

GPM PERFORMANCE CURVES TO 950 - 1750 RPM



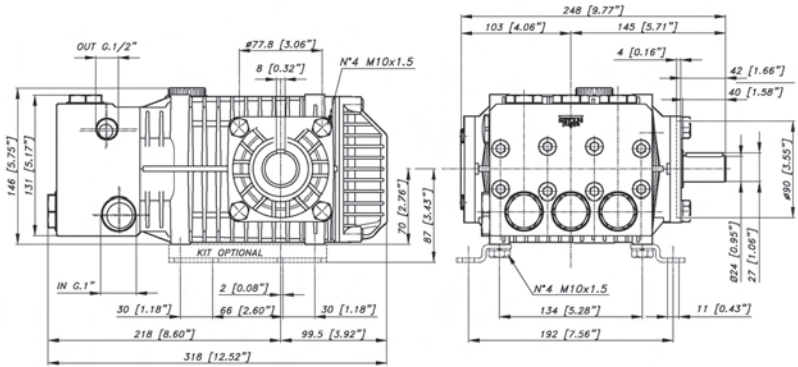
HP PERFORMANCE CURVES TO 1200 - 2200 PSI





PUMPS KA series

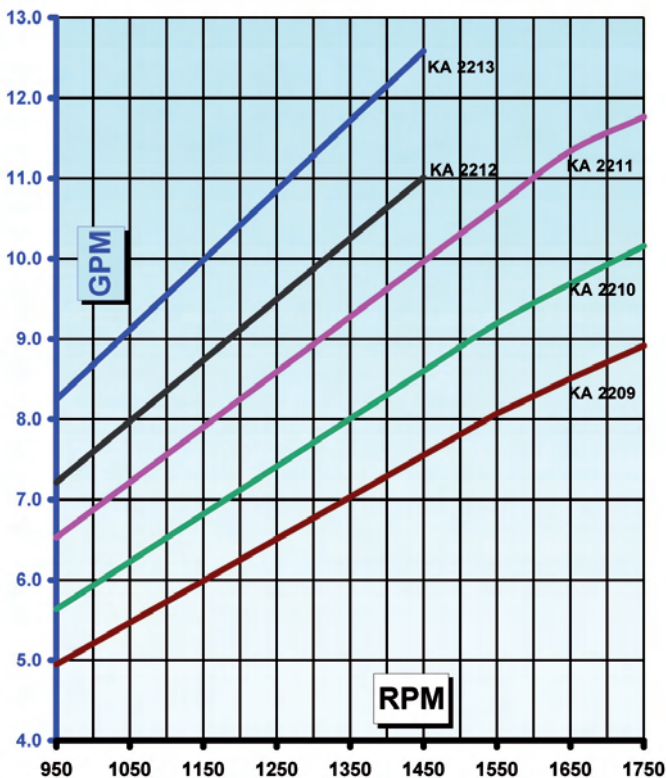
KA



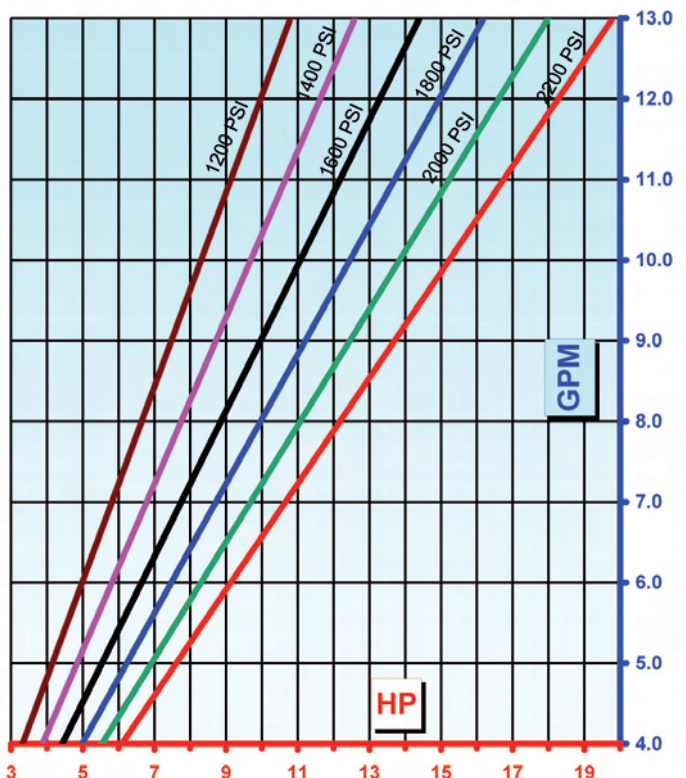
| SPECIFICATIONS | | KA | |
|----------------|------------|-------------|---------|
| IN | DIAMETER | | 1/2 BSP |
| | PRESS | MIN | 3 in Hg |
| | | MAX | 87 PSI |
| | TEMP | MAX | 165°F |
| OUT | DIAMETER | | 1/2 BSP |
| SHAFT | | SOLID 24 mm | |
| OIL | SAE 75W/90 | oz | 47.4 |
| WEIGHT | lbs | | 42.5 |

| PART | MODEL | MAX PSI | MAX GPM | RPM | MAX HP | BORE mm | STROKE mm |
|--------------|---------|---------|---------|------|--------|---------|-----------|
| 06.7024.97.3 | KA 2209 | 2200 | 4.9 | 950 | 7.6 | 25 | 14.4 |
| | | | 8.9 | 1750 | 13.7 | | |
| 06.7025.97.3 | KA 2210 | 2200 | 5.6 | 950 | 8.6 | 25 | 16.4 |
| | | | 10.2 | 1750 | 15.6 | | |
| 06.7026.97.3 | KA 2211 | 2200 | 6.5 | 950 | 10.0 | 25 | 19.0 |
| | | | 11.8 | 1750 | 18.1 | | |
| 06.7027.97.3 | KA 2212 | 2200 | 7.2 | 950 | 11.1 | 25 | 21.0 |
| | | | 11.0 | 1450 | 16.9 | | |
| 06.7028.97.3 | KA 2213 | 2200 | 8.2 | 950 | 12.7 | 25 | 24.0 |
| | | | 12.6 | 1450 | 19.3 | | |

GPM PERFORMANCE CURVES TO 950 - 1750 RPM



HP PERFORMANCE CURVES TO 1200 - 2200 PSI





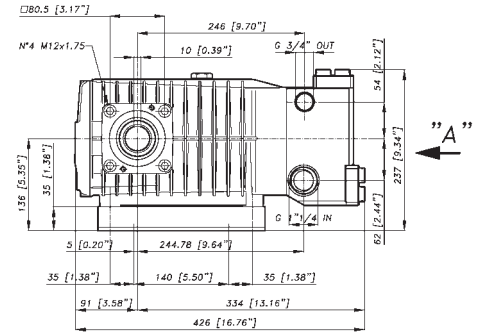
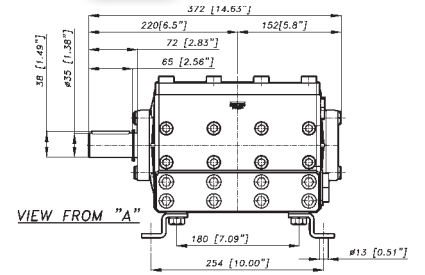
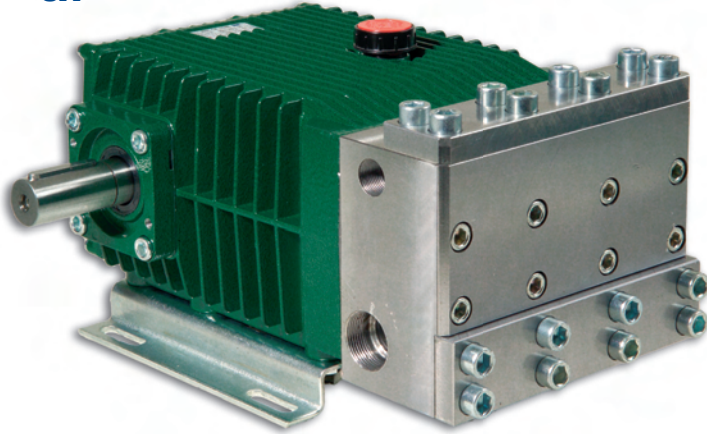
customized precision state of the art
highest quality

state of the art precision
customized highest quality



PUMPS CA series

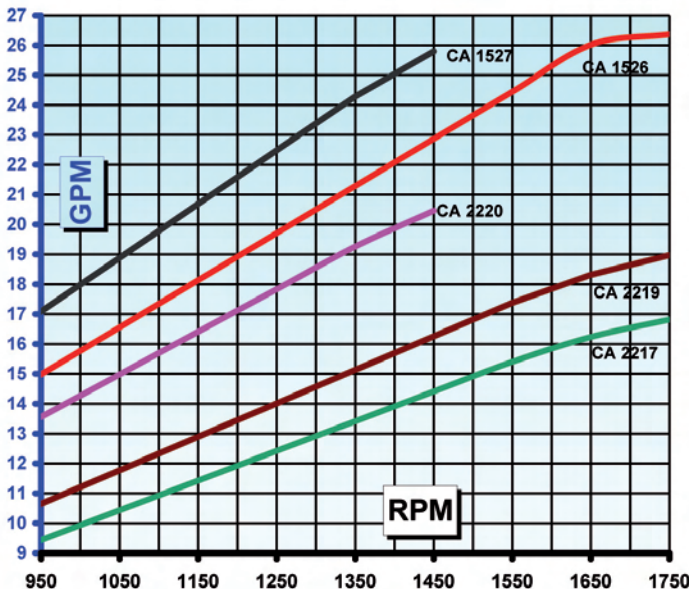
CA



| SPECIFICATIONS | | CA | |
|----------------|-------------|------------|---------|
| IN | DIAMETER | 1" 1/4 BSP | |
| | PRESS | MIN | 6 in Hg |
| | | MAX | 87 PSI |
| TEMP | MAX | 140°F | |
| OUT | DIAMETER | 3/4 BSP | |
| SHAFT | SOLID 35 mm | | |
| OIL | SAE 75W/90 | oz | 94.7 |
| WEIGHT | lbs | 114.4 | |

| PART | MODEL | MAX PSI | MAX GPM | RPM | MAX HP | BORE mm | STROKE mm |
|--------------|---------|---------|---------|------|--------|---------|-----------|
| 73.8608.97.3 | CA 2217 | 2200 | 9.4 | 950 | 14.5 | 30 | 19.5 |
| | | | 16.8 | 1750 | 25.8 | | |
| 73.8609.97.3 | CA 2219 | 2200 | 10.7 | 950 | 16.3 | 30 | 22.0 |
| | | | 19.0 | 1750 | 29.1 | | |
| 73.8610.97.3 | CA 2220 | 2200 | 13.6 | 950 | 20.8 | 30 | 28.0 |
| | | | 20.5 | 1450 | 31.4 | | |
| 73.8611.97.3 | CA 1526 | 1500 | 15.0 | 950 | 15.7 | 38 | 19.5 |
| | | | 22.9 | 1450 | 23.9 | | |
| 73.8612.97.3 | CA 1527 | 1500 | 17.1 | 950 | 17.9 | 38 | 22.0 |
| | | | 25.8 | 1450 | 27.0 | | |

GPM PERFORMANCE CURVES TO 950 - 1750 RPM



HP PERFORMANCE CURVES TO 1000 - 2200 PSI

