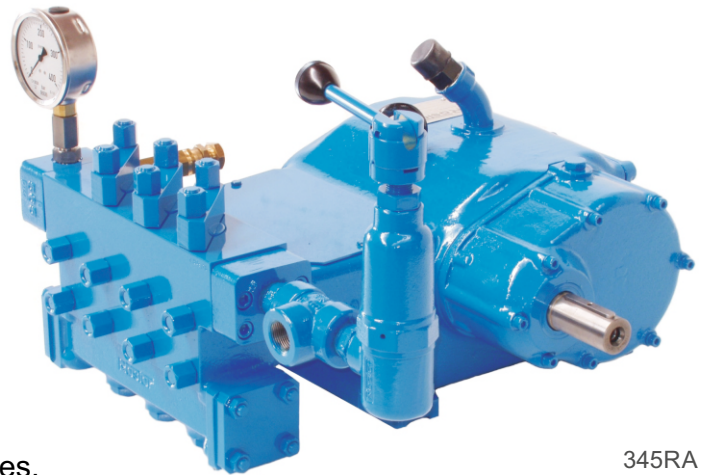


### 345 Series 3 plungers 50 HP

- Input shaft left (l) or right viewable from the head.
- If it's required, auxiliary P.T.O. shaft may be supplied on the opposite side.
- 345 Body type, drive shaft with own crankshaft. Maximum speed 825 r.p.m.
- 345R Body lateral Gear box, reduction 1,76.
- Stroke: 1 3/4"
- Ceramic plungers
- High pressure A Head made of spheroidal cast iron or stainless steel.
- Internal parts in contact with the liquid made of resistant corrosion materials.
- Several pressure regulators valves and outlet nipples.

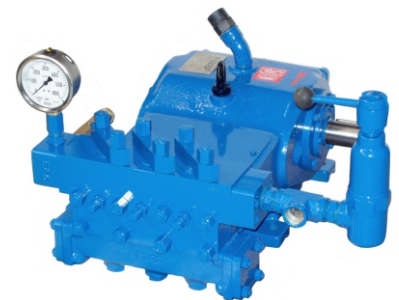


345RA  
With regulator valve A

| Head type | Heat material | Pump type | Weight (lb) |
|-----------|---------------|-----------|-------------|
|-----------|---------------|-----------|-------------|

|               |     |                      |         |     |
|---------------|-----|----------------------|---------|-----|
| High pressure | A   | Spheroidal cast iron | 345A    | 286 |
|               |     |                      | 345RA   | 330 |
|               | A02 | Stainless steel      | 345A02  | 286 |
|               |     |                      | 345RA02 | 330 |

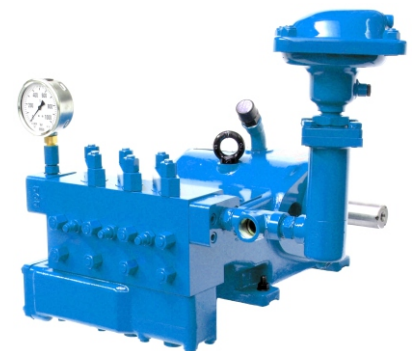
A02: Body head made of stainless steel. Suction manifold made of cast iron.  
A1: All made of stainless steel.



345A  
With regulator valve B

#### Technical data

| Plunger (mm) | Shaft (r.p.m.) | Reduction | Crank shaft (r.p.m.) | Q US (gpm) | Motor power (HP)       |      |      |       |       |
|--------------|----------------|-----------|----------------------|------------|------------------------|------|------|-------|-------|
|              |                |           |                      |            | 25                     | 30   | 40   | 50    |       |
|              |                |           |                      |            | Working pressure (psi) |      |      |       |       |
| HEAD A / A02 | 20             | 825       | -                    | 825        | 8,7                    | 4060 | 4930 | 6530  | 8270  |
|              |                | 1452      | 1,76                 | 825        | 8,7                    | 4060 | 4930 | 6530  | 8270  |
|              |                | 750       | -                    | 750        | 7,9                    | 4500 | 5370 | 7250  | 8270* |
|              | 22             | 825       | -                    | 825        | 10,6                   | 3340 | 4060 | 5370  | 6820  |
|              |                | 1452      | 1,76                 | 825        | 10,6                   | 3340 | 4060 | 5370  | 6820  |
|              |                | 750       | -                    | 750        | 9,5                    | 3700 | 4420 | 5950  | 6820* |
| 24           | 825            | -         | 825                  | 12,7       | 2830                   | 3410 | 4500 | 5660  |       |
|              | 1452           | 1,76      | 825                  | 12,7       | 2830                   | 3410 | 4500 | 5660  |       |
|              | 750            | -         | 750                  | 11,4       | 3120                   | 3770 | 5000 | 5660* |       |
| 26           | 825            | -         | 825                  | 14,8       | 2390                   | 2900 | 3840 | 4790  |       |
|              | 1452           | 1,76      | 825                  | 14,8       | 2390                   | 2900 | 3840 | 4790  |       |
|              | 750            | -         | 750                  | 13,5       | 2610                   | 3190 | 4210 | 4790* |       |
| 30           | 825            | -         | 825                  | 19,8       | 1740                   | 2100 | 2830 | 3550  |       |
|              | 1452           | 1,76      | 825                  | 19,8       | 1740                   | 2100 | 2830 | 3550  |       |
|              | 750            | -         | 750                  | 18,5       | 1960                   | 2320 | 3120 | 3550* |       |
| 35           | 825            | -         | 825                  | 27,1       | 1300                   | 1520 | 2030 | 2610  |       |
|              | 1452           | 1,76      | 825                  | 27,1       | 1300                   | 1520 | 2030 | 2610  |       |
|              | 750            | -         | 750                  | 25,1       | 1380                   | 1670 | 2250 | 2610* |       |
| 40           | 825            | -         | 825                  | 35,7       | 940                    | 1160 | 1600 | 2030  |       |
|              | 1452           | 1,76      | 825                  | 35,7       | 940                    | 1160 | 1600 | 2030  |       |
|              | 750            | -         | 750                  | 32,8       | 1090                   | 1300 | 1740 | 2030* |       |
| 45           | 825            | -         | 825                  | 44,9       | 800                    | 940  | 1230 | 1600  |       |
|              | 1452           | 1,76      | 825                  | 44,9       | 800                    | 940  | 1230 | 1600  |       |
|              | 750            | -         | 750                  | 41,5       | 870                    | 1010 | 1380 | 1600* |       |
| 50           | 825            | -         | 825                  | 55,5       | 650                    | 720  | 1010 | 1300  |       |
|              | 1452           | 1,76      | 825                  | 55,5       | 650                    | 720  | 1010 | 1300  |       |
|              | 750            | -         | 750                  | 51,3       | 720                    | 800  | 1090 | 1300* |       |

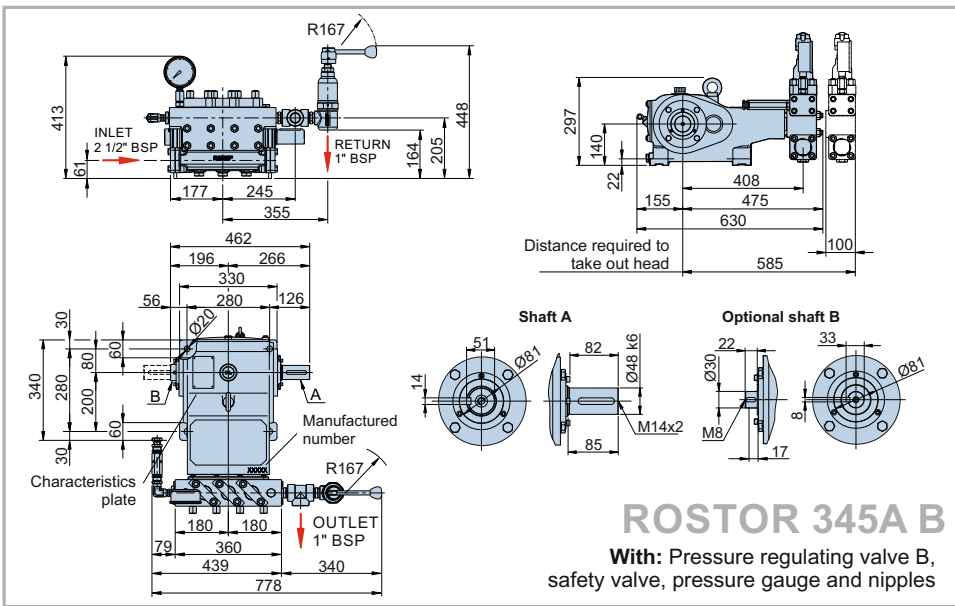


345A02  
With regulator valve BN

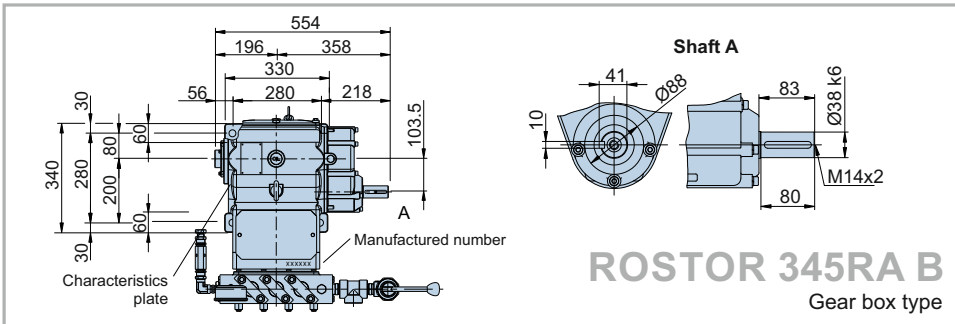
\* To obtain this pressure is needed less power than indicated.

Higher pressure than 4350 psi we recommend the A02 stainless steel head.

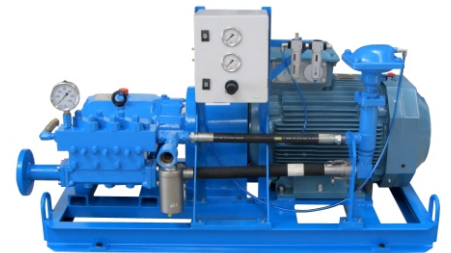
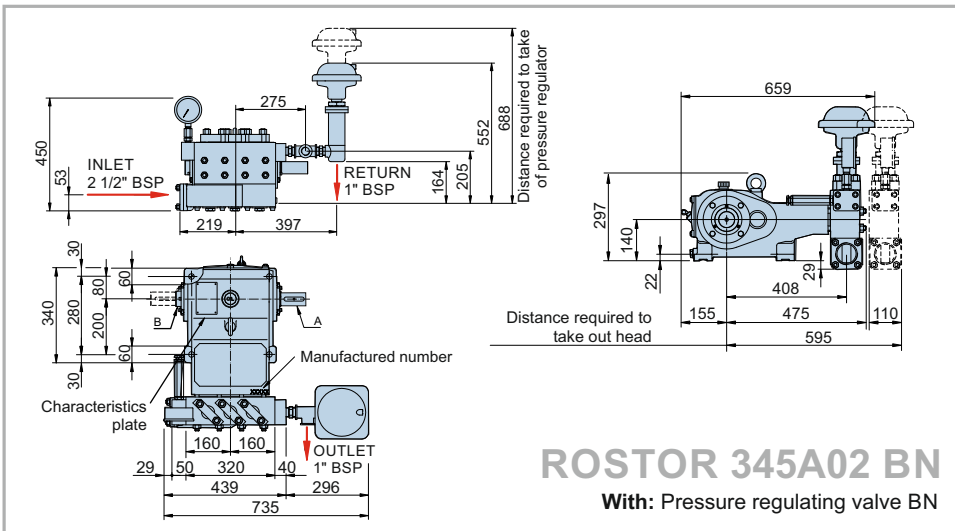
Crankshaft speed 750 r.p.m. or inferior for intensive use.



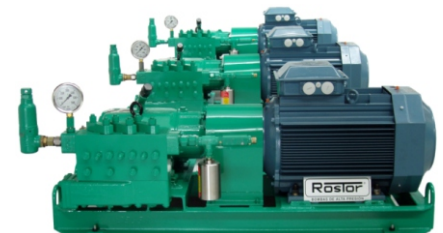
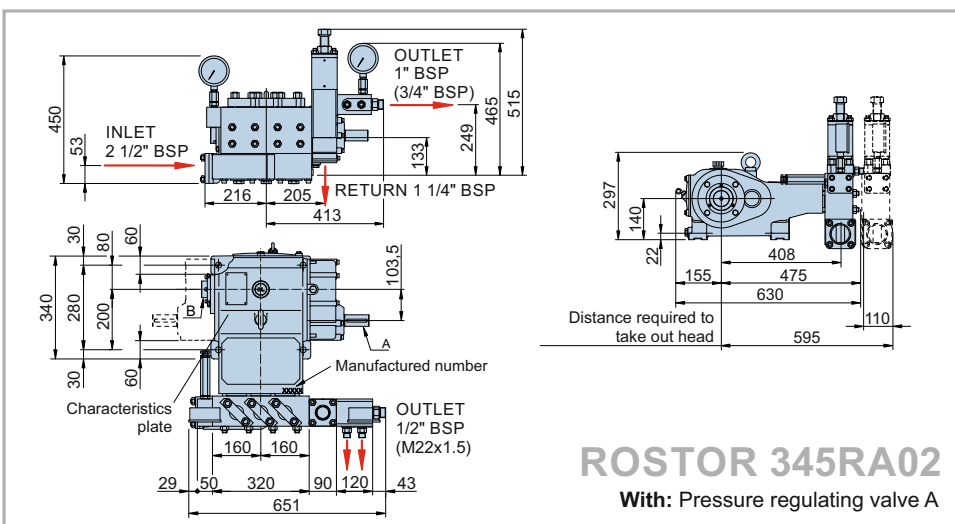
345A02 - 25 HP, with small wheels  
 350 bar - 25 l/min



345A - 50 HP  
 90 bar - 210 l/min



345R A01 - 50 HP  
 110 bar - 170 l/min



345RA02 - 40 HP  
 310 bar - 48l/min x 3 = 144 l/min



345A Driven by P.T.O. tractor  
 140 bar - 135 l/min