

BASH SERIES ALUMINUM S/A HOLLOW CYLINDER

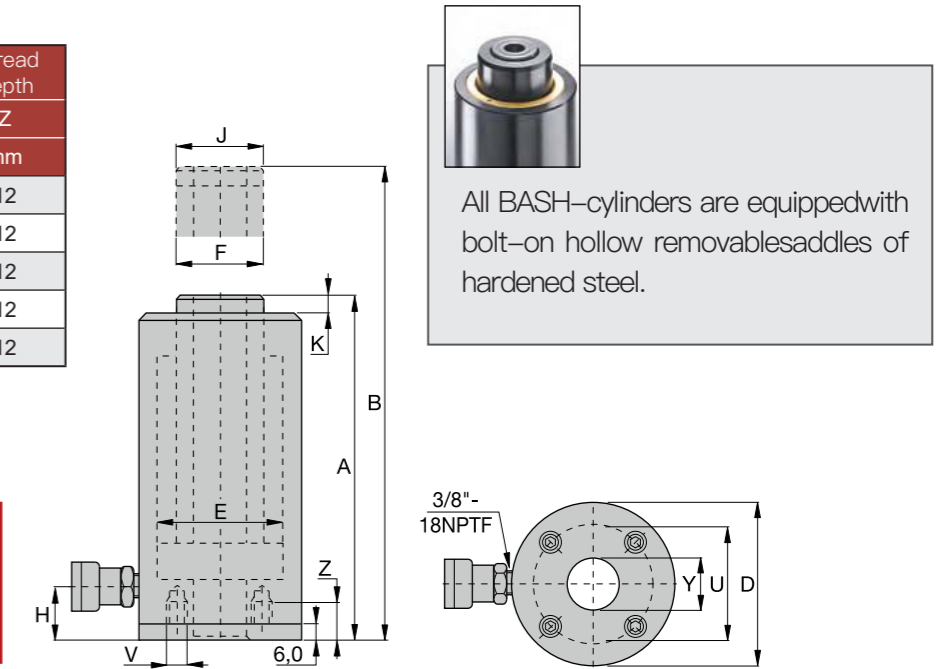
CAPACITY: 20-150T
 MAX. PRESSURE: 700 Bar
 SPRING RETURN



Steel Plate

| Cylinder Model | Bolt Circle | Thread | Thread Depth |
|----------------|-------------|---------|--------------|
| | U mm | V mm | Z mm |
| BASH-20 | 80 | M6 | 12 |
| BASH-30 | 110 | M6 | 12 |
| BASH-60 | 160 | M6 | 12 |
| BASH-100 | 220 | M10 | 12 |
| BASH-150 | 245 | M10 | 12 |

Including 6mm plate thickness



All BASH-cylinders are equipped with bolt-on hollow removable saddles of hardened steel.

Safety Practices
 Good industry practice recommends not exceeding 80% of the max. rated capacity.

FEATURES AND BENEFITS

- Hollow plunger design allows for both pull and push forces
- Composite bearings increase cylinder life and sideload resistance
- Hard-Coat finish on all surfaces resists damage and extends cylinder life
- Floating center tube increases seal and product life
- Handles standard on all models
- Steel base plate and saddle for protection against load-induced damage
- Integral stop ring prevents plunger over-travel and is capable of withstanding the full cylinder capacity
- High strength return spring for rapid cylinder retraction.

| Model | Capacity @10,000 PSI (700 bar) | Stroke mm | Effective Area cm ² |
|------------|--------------------------------|--------------|-----------------------------------|
| | ton | | |
| BASH-202 | 20 | 50 | 32.7 |
| BASH-204 | | 100 | 32.7 |
| BASH-206 | | 150 | 32.7 |
| BASH-208 | | 200 | 32.7 |
| BASH-2010 | | 250 | 32.7 |
| BASH-302 | 30 | 50 | 51.1 |
| BASH-304 | | 100 | 51.1 |
| BASH-306 | | 150 | 51.1 |
| BASH-308 | | 200 | 51.1 |
| BASH-3010 | | 250 | 51.1 |
| BASH-502 | 50 | 50 | 84.7 |
| BASH-504 | | 100 | 84.7 |
| BASH-506 | | 150 | 84.7 |
| BASH-508 | | 200 | 84.7 |
| BASH-5010 | | 250 | 84.7 |
| BASH-1002 | 100 | 50 | 164.6 |
| BASH-1004 | | 100 | 164.6 |
| BASH-1006 | | 150 | 164.6 |
| BASH-1008 | | 200 | 164.6 |
| BASH-10010 | | 250 | 164.6 |
| BASH-1502 | 150 | 50 | 225.8 |
| BASH-1504 | | 100 | 225.8 |
| BASH-1506 | | 150 | 225.8 |
| BASH-1508 | | 200 | 225.8 |
| BASH-15010 | | 250 | 225.8 |

| Oil Capacity cm ³ | Closed Height | Extended Height | Outside Diam. | Bore Diam. | Piston Diam. | Bottom to Advance | Saddle Diam. | Saddle Protrusion | Weight kg | Model |
|---------------------------------|---------------|-----------------|---------------|------------|--------------|-------------------|--------------|-------------------|--------------|------------|
| | A mm | B mm | D mm | E mm | F mm | H mm | J mm | K mm | | |
| 164 | 188 | 238 | 100 | 75 | 55 | 29 | 55 | 10 | 5.2 | BASH-202 |
| 327 | 251 | 351 | 100 | 75 | 55 | 29 | 55 | 10 | 6.1 | BASH-204 |
| 491 | 315 | 465 | 100 | 75 | 55 | 29 | 55 | 10 | 7.1 | BASH-206 |
| 654 | 378 | 578 | 100 | 75 | 55 | 29 | 55 | 10 | 8.0 | BASH-208 |
| 818 | 442 | 692 | 100 | 75 | 55 | 29 | 55 | 10 | 9.0 | BASH-2010 |
| 256 | 208 | 258 | 130 | 95 | 70 | 29 | 70 | 10 | 8.0 | BASH-302 |
| 511 | 267 | 367 | 130 | 95 | 70 | 29 | 70 | 10 | 9.5 | BASH-304 |
| 766 | 333 | 483 | 130 | 95 | 70 | 29 | 70 | 10 | 11.2 | BASH-306 |
| 1022 | 395 | 595 | 130 | 95 | 70 | 29 | 70 | 10 | 12.9 | BASH-308 |
| 1277 | 458 | 708 | 130 | 95 | 70 | 29 | 70 | 10 | 14.5 | BASH-3010 |
| 423 | 251 | 301 | 180 | 130 | 100 | 61 | 100 | 12 | 16.2 | BASH-502 |
| 847 | 315 | 415 | 180 | 130 | 100 | 61 | 100 | 12 | 19.5 | BASH-504 |
| 1270 | 380 | 530 | 180 | 130 | 100 | 61 | 100 | 12 | 25.6 | BASH-506 |
| 1694 | 445 | 645 | 180 | 130 | 100 | 61 | 100 | 12 | 26.0 | BASH-508 |
| 2117 | 510 | 760 | 180 | 130 | 100 | 61 | 100 | 12 | 29.6 | BASH-5010 |
| 823 | 258 | 308 | 250 | 185 | 145 | 61 | 145 | 14 | 33.8 | BASH-1002 |
| 1646 | 325 | 425 | 250 | 185 | 145 | 61 | 145 | 14 | 39.8 | BASH-1004 |
| 2487 | 391 | 541 | 250 | 185 | 145 | 61 | 145 | 14 | 46.2 | BASH-1006 |
| 3291 | 459 | 659 | 250 | 185 | 145 | 61 | 145 | 14 | 52.2 | BASH-1008 |
| 4114 | 527 | 777 | 250 | 185 | 145 | 61 | 145 | 14 | 58.8 | BASH-10010 |
| 1129 | 280 | 330 | 275 | 205 | 150 | 61 | 145 | 14 | 48.9 | BASH-1502 |
| 2258 | 360 | 460 | 275 | 205 | 150 | 61 | 145 | 14 | 55.7 | BASH-1504 |
| 3387 | 430 | 580 | 275 | 205 | 150 | 61 | 145 | 14 | 63.0 | BASH-1506 |
| 4517 | 500 | 700 | 275 | 205 | 150 | 61 | 145 | 14 | 70.1 | BASH-1508 |
| 5646 | 570 | 820 | 275 | 205 | 150 | 61 | 145 | 14 | 77.2 | BASH-15010 |



A BASH-306 powered by a hand pump used to extract corroded carriage pins of refuse collection vehicles.