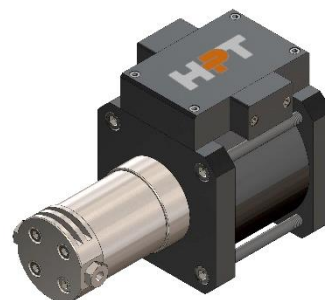


## FEATURES

|                                 |                             |     |   |         |
|---------------------------------|-----------------------------|-----|---|---------|
| <b>MODEL</b>                    | HB100049SS14200             |     |   |         |
| <b>TYPE</b>                     | Gas Booster - Single Acting |     |   |         |
|                                 | Single Stage - Single Drive |     |   |         |
| <b>RATING</b>                   | 10,000                      | psi | - | 689 Bar |
| <b>MAX OUTLET PRESSURE (pB)</b> | 7,107                       | psi | - | 490 Bar |
| <b>TRANSMISSION RATIO (i)</b>   | 1:49                        |     |   |         |



## TECHNICAL

|                            |      |                 |   |                      |
|----------------------------|------|-----------------|---|----------------------|
| <b>COMPRESSION RATIO</b>   | 1:15 |                 |   |                      |
| <b>DISPLACEMENT CYCLE</b>  | 1.15 | in <sup>3</sup> | - | 18.8 cm <sup>3</sup> |
| <b>MAX PUMPING SPEED</b>   | 100  | cpm             |   |                      |
| <b>MAX OP. TEMPERATURE</b> | 212  | °F              | - | 100 °C               |

## PERFORMANCES

|                                |        |      |   |     |        |                                 |
|--------------------------------|--------|------|---|-----|--------|---------------------------------|
| <b>MAX DRIVE PRESSURE (pL)</b> | 145    | psi  | - | 10  | Bar    |                                 |
| <b>AIR CONSUPTION</b>          | 32.6   | scfm | - | 924 | NI/min | (pL 145 psi - 10 Bar, 50 cpm)   |
| <b>OUTLET FLOW</b>             | 3.3    | scfm | - | 94  | NI/min | (pA 1450 psi - 100 Bar, 50 cpm) |
| <b>MIN INLET PRESSURE (pA)</b> | 474    | psi  | - | 33  | Bar    | (to reach pB)                   |
| <b>MAX INLET PRESSURE (pA)</b> | 10,000 | psi  | - | 689 | Bar    |                                 |
| <b>STALL PRESSURE</b>          | i * pL |      |   |     |        |                                 |

## CONNECTIONS

|                    |               |                           |               |
|--------------------|---------------|---------------------------|---------------|
| <b>INLET</b>       | 1/4" BSPP (F) | <b>DRIVE RELIEF VALVE</b> | 3/8" BSPP (F) |
| <b>OUTLET</b>      | 1/4" BSPP (F) | <b>EXT. PILOT SUPPLY</b>  | 1/8" BSPP (F) |
| <b>DRIVE INLET</b> | 3/8" BSPP (F) | <b>PULSE COUNTER</b>      | 1/8" BSPP (F) |

## INFORMATIONS

|                   |      |    |   |     |    |           |
|-------------------|------|----|---|-----|----|-----------|
| <b>LENGHT</b>     | 11.8 | in | - | 300 | mm | (approx.) |
| <b>WIDTH</b>      | 6.3  | in | - | 160 | mm | (approx.) |
| <b>HEIGHT</b>     | 7.9  | in | - | 200 | mm | (approx.) |
| <b>NET WEIGHT</b> | 30.9 | lb | - | 14  | Kg | (approx.) |

ALL PICTURES SHOWN ARE FOR ILLUSTRATION PURPOSE ONLY. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENT.