



Series 342

35 bar (508 PSI) – 1950 l/min (69 CFM)

A hardened steel locking sleeve and nipple make Series 342 well-suited for breathing air applications in demanding industrial environments. Its special valve design provides an extremely high rate of airflow. Like most CEJN breathing air couplings, Series 342 offers one-hand-operated connection, an integrated safety feature that guards against unintentional disconnection, a gripfriendly locking sleeve, and a broad connection range.

Technical Data

Material: Zinc-plated steel, sleeve and nipple of hardened steel

Seal material: NBR

Airflow at inlet pressure of 6 bar (87 PSI) and pressure drop 0.5 bar (7 PSI): 1950 l/min (69 CFM)

Max. working pressure: 35 bar (508 PSI)

Min. burst pressure: 140 bar (2030 PSI)

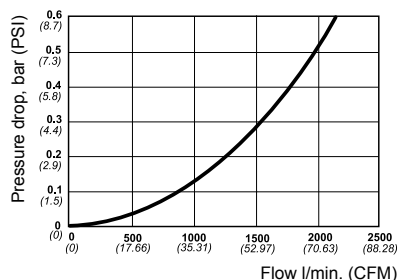
Temperature range: -30°C to +100°C (-22°F to +212°F)

Nominal flow diameter: 7.4 mm (9/32")



Couplings: Compatible with Series 341 and 346 nipples

Nipples: Compatible with Series 341, 344, 345, and 346 couplings



| | Part No. | Description | Length | Diameter | Spanner Size |
|-----------|-----------------|-------------|----------------|----------|--------------|
| Couplings | Hose connection | 10 342 1002 | 6.3 mm (1/4") | 68.7 | 24.4 |
| | | 10 342 1003 | 8.0 mm (5/16") | 71.2 | 24.4 |
| | | 10 342 1004 | 10.0 mm (3/8") | 71.7 | 24.4 |
| | | 10 342 1005 | 13.0 mm (1/2") | 69.7 | 24.4 |
| | Male thread | 10 342 1152 | R 1/4" | 64.7 | 24.4 |
| | | 10 342 1154 | R 3/8" | 62.7 | 24.4 |
| | | 10 342 1155 | R 1/2" | 57.2 | 25.4 |
| | | 10 342 1452 | NPT 1/4" | 63.7 | 24.4 |
| | | 10 342 1454 | NPT 3/8" | 61.7 | 24.4 |
| | | 10 342 1455 | NPT 1/2" | 56.2 | 25.4 |
| | Female thread | 10 342 1202 | G 1/4" | 58.7 | 24.4 |
| | | 10 342 1204 | G 3/8" | 61.7 | 24.4 |
| | | 10 342 1205 | G 1/2" | 61.2 | 28.9 |
| | | 10 342 1402 | NPT 1/4" | 60.7 | 24.4 |
| | | 10 342 1404 | NPT 3/8" | 60.7 | 25.4 |
| | Stream-Line | 10 342 1060 | 6.5 x 10.0 mm | 65.7 | 24.4 |
| | | 10 342 1062 | 8.0 x 12.0 mm | 68.7 | 24.4 |
| Nipples | Hose connection | 10 342 5002 | 6.3 mm (1/4") | 47.0 | 13.0 |
| | | 10 342 5004 | 10.0 mm (3/8") | 49.5 | 14.0 |
| | | 10 342 5005 | 13.0 mm (1/2") | 50.0 | 17.0 |
| | Male thread | 10 342 5152 | R 1/4" | 46.0 | 16.2 |
| | | 10 342 5154 | R 3/8" | 46.0 | 19.6 |
| | | 10 342 5155 | R 1/2" | 52.0 | 25.4 |
| | | 10 342 5452 | NPT 1/4" | 42.7 | 16.2 |
| | | 10 342 5454 | NPT 3/8" | 43.7 | 19.6 |
| | Female thread | 10 342 5202 | G 1/4" | 42.0 | 19.6 |
| | | 10 342 5204 | G 3/8" | 43.2 | 23.1 |
| | | 10 342 5205 | G 1/2" | 47.7 | 27.7 |
| | | 10 342 5402 | NPT 1/4" | 41.5 | 19.6 |
| | | 10 342 5404 | NPT 3/8" | 43.2 | 23.1 |
| | | 10 342 5405 | NPT 1/2" | 45.5 | 31.2 |
| | Stream-Line | 10 342 5060 | 6.5 x 10.0 mm | 49.0 | 18.5 |
| | | 10 342 5062 | 8.0 x 12.0 mm | 52.0 | 21.9 |



Thread connections are listed according to ISO Standards. See Page 20 for additional information. All measurements are in mm. Check with an authorized CEJN distributor for availability and prices.