



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)

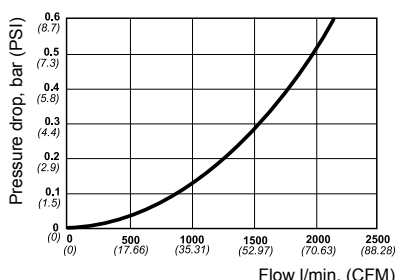
Temperature range: -30°C to +100°C (-22°F to +212°F)

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	19
		10 342 1003	8.0 mm (5/16")	71.2	24.4	19
		10 342 1004	10.0 mm (3/8")	71.7	24.4	19
		10 342 1005	13.0 mm (1/2")	69.7	24.4	19
	Male thread	10 342 1152	R 1/4"	64.7	24.4	20
		10 342 1154	R 3/8"	62.7	24.4	20
		10 342 1155	R 1/2"	57.2	25.4	22
		10 342 1452	NPT 1/4"	63.7	24.4	20
		10 342 1454	NPT 3/8"	61.7	24.4	20
		10 342 1455	NPT 1/2"	56.2	25.4	22
	Female thread	10 342 1202	G 1/4"	58.7	24.4	20
		10 342 1204	G 3/8"	61.7	24.4	20
		10 342 1205	G 1/2"	61.2	28.9	25
		10 342 1402	NPT 1/4"	60.7	24.4	20
		10 342 1404	NPT 3/8"	60.7	25.4	22
	Stream-Line	10 342 1060	6.5 x 10.0 mm	65.7	24.4	20/16
		10 342 1062	8.0 x 12.0 mm	68.7	24.4	20/19
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	14
		10 342 5154	R 3/8"	46.0	19.6	17
		10 342 5155	R 1/2"	52.0	25.4	22
		10 342 5452	NPT 1/4"	42.7	16.2	14
		10 342 5454	NPT 3/8"	43.7	19.6	17
	Female thread	10 342 5202	G 1/4"	42.0	19.6	17
		10 342 5204	G 3/8"	43.2	23.1	20
		10 342 5205	G 1/2"	47.7	27.7	24
		10 342 5402	NPT 1/4"	41.5	19.6	17
		10 342 5404	NPT 3/8"	43.2	23.1	20
		10 342 5405	NPT 1/2"	45.5	31.2	27
	Stream-Line	10 342 5060	6.5 x 10.0 mm	49.0	18.5	16/16
		10 342 5062	8.0 x 12.0 mm	52.0	21.9	19/19



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.