

Series 342 has one-hand operated connection with integrated safety against unintentional disconnection. The valve is designed to give an extremely high flow rate. As others in the series this also features a grip-friendly locking sleeve and a broad connection range. Locking sleeve and nipple are of hardened steel. This coupling is well-suited for breathing air applications in demanding industrial environments.

Compatibility with other series:

Couplings: Compatibility with nipples from the series 341 and 346

Nipples: Compatibility with couplings from the series 341, 344, 345 and 3463

Technical data

Material: Chrome-plated brass/steel. Locking sleeve and nipple are of hardened steel.

Air flow at inlet pressure of 87 PSI (6 bar), pressure drop 7.25 psi (0.5 bar)@ 69 CFM

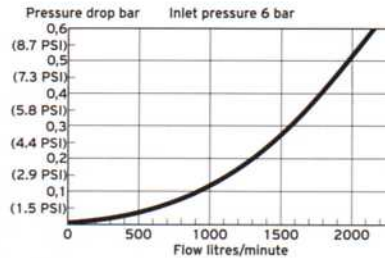
Max. working pressure: 508 PSI (35 bar)




Min. bursting pressure: 2030 PSI (140 bar)




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

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

Series 342 508 PSI 69 CFM



Couplings	Part no.	Description	Length	Dimensions (mm) Diameter	Wrench size
	10 342 1002	6.3 mm (1/4")	72.0	24.4	20
	10 342 1003	8 mm (5/16")	74.0	24.4	20
	10 342 1004	10 mm (3/8")	73.0	24.4	20
	10 342 1005	13 mm (1/2")	72.0	24.4	20
	10 342 1152	BSPT 1/4"	65.0	24.4	20
	10 342 1154	BSPT 3/8"	64.0	24.4	20
	10 342 1155	BSPT 1/2"	57.5	25.4	22
	10 342 1252	BSP 1/4"	62.0	24.4	20
	10 342 1254	BSP 3/8"	60.0	24.4	20
	10 342 1255	BSP 1/2"	51.5	25.4	22
	10 342 1452	NPT 1/4"	64.0	24.4	20
	10 342 1454	NPT 3/8"	63.0	24.4	20
	10 342 1455	NPT 1/2"	56.4	25.4	22
	10 342 1202	BSP 1/4"	62.0	24.4	20
	10 342 1204	BSP 3/8"	62.0	24.4	20
	10 342 1205	BSP 1/2"	66.0	28.9	25
	10 342 1402	NPT 1/4"	62.0	24.4	20
	10 342 1404	NPT 3/8"	62.0	25.4	22
	10 342 1405	NPT 1/2"	65.0	28.9	25

Nipples	Part no.	Description	Length	Dimensions (mm) Diameter	Wrench size
	10 342 5002	6.3 mm (1/4")	47.0	13.0	-
	10 342 5004	10 mm (3/8")	49.5	14.0	-
	10 342 5005	13 mm (1/2")	50.0	17.0	-
	10 342 5152	BSPT 1/4"	46.0	16.2	14
	10 342 5154	BSPT 3/8"	46.0	19.6	17
	10 342 5155	BSPT 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
	10 342 5455	NPT 1/2"	50.5	25.4	22
	10 342 5202	BSP 1/4"	42.0	19.6	17
	10 342 5204	BSP 3/8"	43.2	23.1	20
	10 342 5205	BSP 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

Series 344 508 PSI 69 CFM

Series 344 has one-hand operated connection with integrated safety against unintentional disconnection. The valve is designed to give an extremely high flow rate. As others in the series this also features a grip-friendly locking sleeve and a broad connection range. The series has been especially designed for its weight. The short design of the couplings give a lower weight than corresponding couplings with the same performance. This coupling is primarily recommended for breathing air applications for fire fighting, but is also ideal for diving equipment

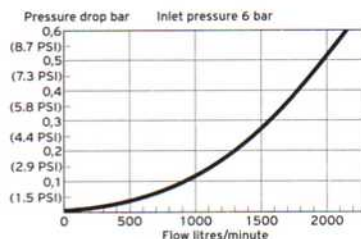
Compatibility with other series:




Couplings: Compatibility with nipples from the series, 341, 342 and 346




Nipples: Not compatible with other series for breathing air applications

Technical data

Material: Chrome-plated brass
 Air flow at inlet pressure of 87 PSI (6 bar), pressure drop 7.25 psi (0.5 bar)@ 69 CFM
 Max. working pressure: 508 PSI (35 bar)
 Min. bursting pressure: 2030 PSI (140 bar)
 Temperature range: -22°+212°F (-30° - +100°C)
 Nominal flow diameter: 9/32" (7.4 mm)



Couplings	Part no.	Description	Length	Dimensions (mm)	
				Diameter	Wrench size
	10 344 1002	6.3 mm (1/4")	67.5	24.4	20
	10 344 1049	8 mm (5/16")	69.5	24.4	20
	10 344 1004	10 mm (3/8")	68.5	24.4	20
	10 344 1046	13 mm (1/2")	67.5	24.4	20
	10 344 1003	7 mm special	70.5	24.4	20
	10 344 1152	BSPT 1/4"	60.5	24.4	20
	10 344 1154	BSPT 3/8"	59.5	24.4	20
	10 344 1155	BSPT 1/2"	53.0	25.4	22
	10 344 1288	BSP 1/4"	57.5	24.4	20
	10 344 1294	BSP 3/8"	55.5	24.4	20
	10 344 1295	BSP 1/2"	47.0	24.4	20
	10 344 1452	NPT 1/4"	59.5	24.4	20
	10 344 1454	NPT 3/8"	58.5	24.4	20
	10 344 1455	NPT 1/2"	52.0	25.4	22
	10 344 1202	BSP 1/4"	57.5	24.4	20
	10 344 1204	BSP 3/8"	57.5	24.4	20
	10 344 1205	BSP 1/2"	61.5	28.9	25
	10 344 1402	NPT 1/4"	57.5	24.4	20
	10 344 1404	NPT 3/8"	57.5	25.4	22
	10 344 1405	NPT 1/2"	60.5	28.9	25

Nipples	Part no.	Description	Length	Dimensions (mm)	
				Diameter	Wrench size
	10 344 5020	6.3 mm (1/4")	44.0	13.0	-
	10 344 5004	10 mm (3/8")	45.5	14.0	-
	10 344 5040	13 mm (1/2")	45.0	17.0	-
	10 344 5022	7 mm special - stainless steel	46.0	13.0	-
	10 344 5023	7 mm special	46.0	13.0	-
	10 344 5152	BSPT 1/4"	39.0	16.2	14
	10 344 5154	BSPT 3/8"	41.0	19.6	17
	10 344 5155	BSPT 1/2"	47.5	25.4	22
	10 344 5252	BSP 1/4"	38.0	19.6	17
	10 344 5254	BSP 3/8"	36.5	21.9	19
	10 344 5255	BSP 1/2"	39.5	25.4	22
	10 344 5452	NPT 1/4"	38.5	19.6	17
	10 344 5454	NPT 3/8"	40.0	21.9	19
	10 344 5455	NPT 1/2"	46.0	25.4	22
	10 344 5202	BSP 1/4"	36.5	19.6	17
	10 344 5204	BSP 3/8"	38.5	23.1	20
	10 344 5205	BSP 1/2"	42.0	31.2	27
	10 344 5402	NPT 1/4"	35.5	19.6	17
	10 344 5404	NPT 3/8"	37.0	23.1	20
	10 344 5405	NPT 1/2"	41.0	31.2	27

LONG SERIES

Series 341 508 PSI 69 CFM

Series 341 has one-hand operated connection with integrated safety against unintentional disconnection. The valve is designed to give an extremely high flow rate. As others in the series this also features a grip-friendly locking sleeve and a broad connection range. This coupling is well-suited for inflating air cushions and breathing air applications for diving.

Compatibility with other series:

Couplings: Compatibility with nipples from the series 342 and 346

Nipples: Compatibility with couplings from the series 342, 344, 345 and 346

Technical data

Material: Chrome-plated brass

Air flow at inlet pressure of 87 PSI (6 bar),

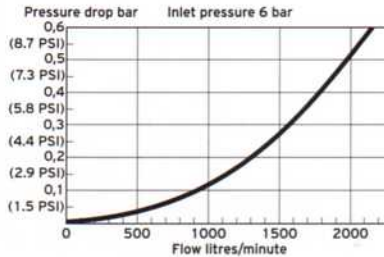
pressure drop 7.25 psi (0.5 bar) @ 69 CFM




Max. working pressure: 508 PSI (35 bar)




Min. bursting pressure: 2030 PSI (140 bar)

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

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



Couplings	Part no.	Description	Length	Dimensions (mm)	
				Diameter	Wrench size
	10 341 1032	6.3 mm (1/4")	72.0	24.4	20
	10 341 1034	8 mm (5/16")	74.0	24.4	20
	10 341 1004	10 mm (3/8")	73.0	24.4	20
	10 341 1035	13 mm (1/2")	72.0	24.4	20
	10 341 1152	BSPT 1/4"	65.0	24.4	20
	10 341 1154	BSPT 3/8"	64.0	24.4	20
	10 341 1155	BSPT 1/2"	57.5	25.4	22
	10 341 1252	BSP 1/4"	62.0	24.4	20
	10 341 1254	BSP 3/8"	60.0	24.4	20
	10 341 1255	BSP 1/2"	51.5	25.4	22
	10 341 1452	NPT 1/4"	64.0	24.4	20
	10 341 1454	NPT 3/8"	63.0	24.4	20
	10 341 1455	NPT 1/2"	56.4	25.4	22
	10 341 1202	BSP 1/4"	62.0	24.4	20
	10 341 1204	BSP 3/8"	62.0	24.4	20
	10 341 1205	BSP 1/2"	66.0	28.9	25
	10 341 1402	NPT 1/4"	62.0	24.4	20
	10 341 1404	NPT 3/8"	62.0	25.4	22
	10 341 1405	NPT 1/2"	65.0	28.9	25

Nipples	Part no.	Description	Length	Dimensions (mm)	
				Diameter	Wrench size
	10 341 5002	6.3 mm (1/4")	47.0	13.0	-
	10 341 5003	8 mm (5/16")	49.5	13.0	-
	10 341 5004	10 mm (3/8")	49.5	14.0	-
	10 341 5005	13 mm (1/2")	50.0	17.0	-
	10 341 5152	BSPT 1/4"	46.0	16.2	14
	10 341 5154	BSPT 3/8"	46.0	19.6	17
	10 341 5155	BSPT 1/2"	52.0	25.4	22
	10 341 5252	BSP 1/4"	40.5	19.6	17
	10 341 5254	BSP 3/8"	43.0	22.0	19
	10 341 5255	BSP 1/2"	46.5	25.4	22
	10 341 5452	NPT 1/4"	42.7	19.6	17
	10 341 5454	NPT 3/8"	45.5	22.0	19
	10 341 5455	NPT 1/2"	50.5	25.4	22
	10 341 5202	BSP 1/4"	42.0	19.6	17
	10 341 5204	BSP 3/8"	43.2	23.1	20
	10 341 5205	BSP 1/2"	46.5	31.2	27
	10 341 5402	NPT 1/4"	41.5	19.6	17
	10 341 5404	NPT 3/8"	42.0	23.1	20
	10 341 5405	NPT 1/2"	45.5	31.2	27