

Single-ended cylinders / 316/304L Stainless Steel / NPT Thread Sample Cylinders / 1 Gal hydraulic Gas Cylinders Single - ended Sample Cylinders for One Side Connection



Features

- 316L stainless steel and alloy 400
- working pressure up to 5000 psig (344 bar)
- Sizes from 10 to 3785 cm³ (1 gal)
- Body made of seamless tubing provides consistent wall thickness, size, and capacity.
- Smooth internal neck transition allows easy cleaning and eliminates trapped fluids.
- Cold-formed female NPT threads provide greater strength.
- Heavy-wall end connections provide strength and resist warping.
- Full-penetration gas tungsten arc-weld construction provides leak-tight sample containment.

Single - Ended Cylinders

- 50, 300, and 500 cm³ sizes meet a variety of sampling needs.
- stainless steel construction resists intergranular corrosion.
- cylinders are hydrostatically proof tested at 1000 psig (69 bar) minimum.

Technical Data

Pressure - Temperature Ratings

Ratings up to 100 ° F (37°C) are determined by xinya code. Ratings limited to 300°F (148°C) max with PTFE internal coating.

Ratings may be limited by individual country government regulations.

Material	316L SS	316L SS, 304L SS	304L SS	合金 400	304L SS
Specifications	XYGPS-5000	XYGPS-1800	XYGPSD-1800	XYGPS-1800	XYGPD-500
Temperature °C (° F)	Working Pressure , psig (bar)				
-53 (65) 至 37 (100)	5000 (344)	1800 (124)	1800 (124)	1800 (124)	500 (34.4)
93 (200)	3960 (272)	1360 (93.7)	1360 (93.7)	1580 (108)	500 (34.4)
148 (300)	3570 (245)	1230 (84.7)	1230 (84.7)	1490 (102)	500 (34.4)
204 (400)	3290 (226)	1130 (77.8)	1130 (77.8)	1430 (98.5)	500 (34.4)
260 (500)	3060 (210)	1050 (72.3)	1050 (72.3)	1420 (97.8)	500 (34.4)
315 (600)	2920 (201)	1000 (68.9)	1000 (68.9)	1420 (97.8)	500 (34.4)
343 (650)	2870 (197)	980 (67.5)	980 (67.5)	1420 (97.8)	500 (34.4)
371 (700)	2810 (193)	970 (66.8)	970 (66.8)	1420 (97.8)	500 (34.4)
398 (750)	2750 (189)	950 (65.4)	950 (65.4)	1410 (97.1)	500 (34.4)
426 (800)	2700 (186)	930 (64.0)	930 (64.0)	-	500 (34.4)
454 (850)	2640 (181)	-	-	-	-

Order Information	Material/ Specifications	Working Pressure Psig(bar)	Internal volume (cm3) ±5	P (NPT)	Size in. (mm)		
					A	N	T
Single-endedcylinders							
304L-XYGPD-500-150	304L SS/ XYGPD-500	500 (34.4)	150	1/4	2.00 (50.8)	4.88 (124)	0.093 (2.4)
304L-XYGPD-500-300			300			8.62 (219)	
304L-XYGPD-500-500			500			13.6 (345)	
Double-EndedCylinders							
304L-XYGPS-1800-40	304L SS/ XYGPS-1800	1800 (124)	40	1/8	1.25 (31.8)	3.88 (98.6)	0.070 (1.8)
304L-XYGPS-1800-50			1/4	50	1.50 (38.1)	3.75 (95.2)	0.093 (2.4)
304L-XYGPS-1800-75				75		4.94 (125)	
304L-XYGPS-1800-150				150	2.00 (50.8)	5.25 (133)	
304L-XYGPS-1800-300				300		8.94 (227)	
304L-XYGPS-1800-400				400		11.4 (290)	
304L-XYGPS-1800-500				500		13.8 (351)	
304L-XYGPS-1800-1000	304L SS/ XYGPSD-1800	1800 (124)	1000	1/4	3.50 (88.9)	10.9 (277)	0.180 (4.6)
304L-XYGPS-1800-1000				1/2			
304L-XYGPS-1800-2250			2250	1/4	4.00 (102)	17.2 (437)	0.206 (5.2)
304L-XYGPS-1800-2250				1/2			
304L-XYGPS-1800-3785			3785	1/4		26.7 (678)	
304L-XYGPS-1800-3785				1/2			
316L-XYGPS-1800-150	316L SS/ XYGPS-1800	1800 (124)	150	1/4	2.00 (50.8)	5.25 (133)	0.093 (2.4)
316L-XYGPS-1800-300			300			8.94 (227)	
316L-XYGPS-1800-500			500			13.8 (351)	
316L-XYGPS-1800-150	316L SS/ XYGPS-5000	5000 (344)	150		1.90 (48.2)	8.00 (203)	0.240 (6.1)
316L-XYGPS-1800-300			300			14.5 (368)	
316L-XYGPS-1800-500			500			23.5 (597)	
合金400-XYGPS-1800-150	合金400/ XYGPS-1800	1800 (124)	150		2.00 (50.8)	5.25 (133)	0.093 (2.4)
合金400-XYGPS-1800-300			300			8.94 (227)	
合金400-XYGPS-1800-500			500			13.8 (351)	