

ANNULAR BOP

Annular Blowout Preventer (Annular BOP)

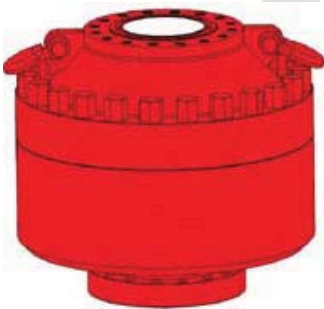
Annular Blowout Preventer (Annular BOP) is important equipment widely used in onshore and offshore drilling. PPGL provides three types of annular BOP: bolted-cover, wedged-cover, latched-cover type.

All types of annular BOP are strictly manufactured as per API Spec 16A, and can be used to replace Shaffer annular BOP or Hydril annular BOP.



Annular BOP Sizes and Models

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Working Pressure (psi)	Bore (in.)				
	7-1/16	11	13-5/8	20-3/4	21-1/4
10,000					
5,000					
3,000					
2,000					



Bolted-Cover Annular BOP



Wedged-Cover Annular BOP



Latched-Cover Annular

Technical Specification of some Annular BOPs

Annular BOP Model		PPGL-FH28-21	PPGL-FH35-21	PPGL-FH18-35	PPGL-FH28-35	PPGL-FH35-35
Bore Dia.	mm	280	346	180	280	346
	in	11	13-5/8	7	11	13-5/8
Rated Working Pressure	MPa	21	21	35	35	35
	Psi	3,000	3,000	5,000	5,000	5,000
Shell Testing Pressure	MPa	42	42	70	70	70
	Psi	6,000	6,000	10,000	10,000	10,000
Recom. Hyd. Pressure	MPa	8.4~10.5	/	/	/	/
	Psi	1,200-1,500	/	/	/	/

Liters to Open	L	33	66	15	57	66
	Gal(us)	8.68	17	4	15	17
Liters to Close	L	48	90	20	72	90
	Gal(us)	12.6	24	5	19	24
Inlet and Outlet Size of Control Pipeline	NPT 1	NPT 1	NPT 1	NPT 1	NPT 1	NPT 1
Working Temperature (°C)	-29~121					
Media	Crude oil, natural gas & drilling fluid containing H ₂ S					
Weight	kg	3,272	5,352	1,444	4,328	6,384
	lbs	9,340	11,800	3,184	9,522	14,015
Dimensions (O.D.XH)	mm	1,032 x930	1,245 x1,090	745x788	1,135x1,065	1,271x1,220
	in	45x42	49x43	29x31	45x42	50x48