



Positive & Adjustable Choke Range

TECHNICAL BULLETIN



CONTROL VALVES AND INSTRUMENTATION SYSTEMS

Since its establishment in 1965, KOSO group has developed a wide range of high quality control valves and actuators of diversified types, greatly contributing to the implementation of process automation (PA) in various industries.

In 1976 KOSO started to manufacture and sell automation systems utilizing its abundant experience and know-how earned by that time.

Today, even more strengthened, KOSO is able to offer a complete line of automation systems, including sensors, controllers and computers. KOSO stands ready to meet every need of clients who demand the very best in comprehensive automation systems.

KOSO Group is pioneer in process automation with over 50 years of experience in providing solutions for the most arduous applications and is the global leader in actuation.

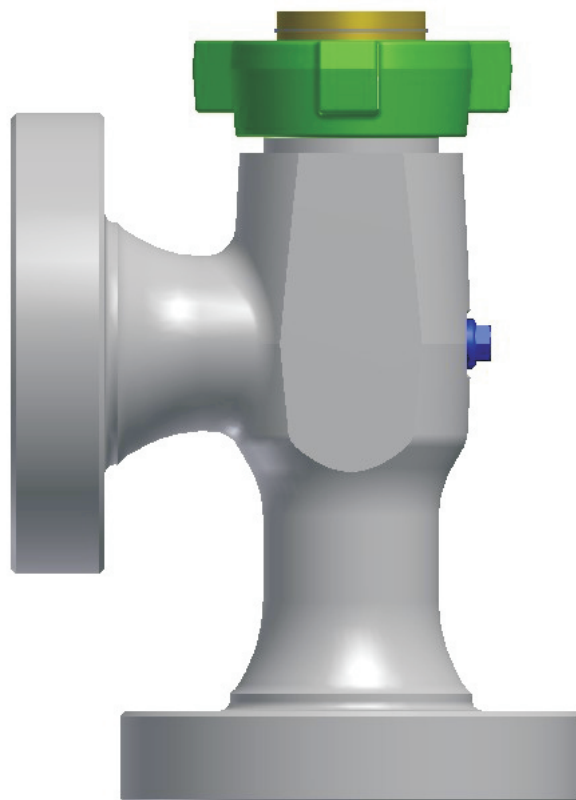


Always making available a wide range of product lines, KOSO is committed to providing control valves, actuators and the systems thereof, of the highest quality and reliability, produced under its quality assurance system complying with international quality levels and accreditations.

Our Extensive Product Range Includes

- Our Extensive Product Range Includes Control Valves including Severe Service Valves, Anti Surge Valves, Turbine bypass valves, General Service valves etc.
- De-Superheaters
- Surface Choke valves
- Sub Sea Control and Choke valves
- Ball Valves
- Triple Offset High Performance Butterfly Valves
- Dampers and parallel slide valves
- Smart Positioners & accessories like volume booster, Air Filter Regulator etc
- Actuators (Pneumatic, Electric and Hydraulic)

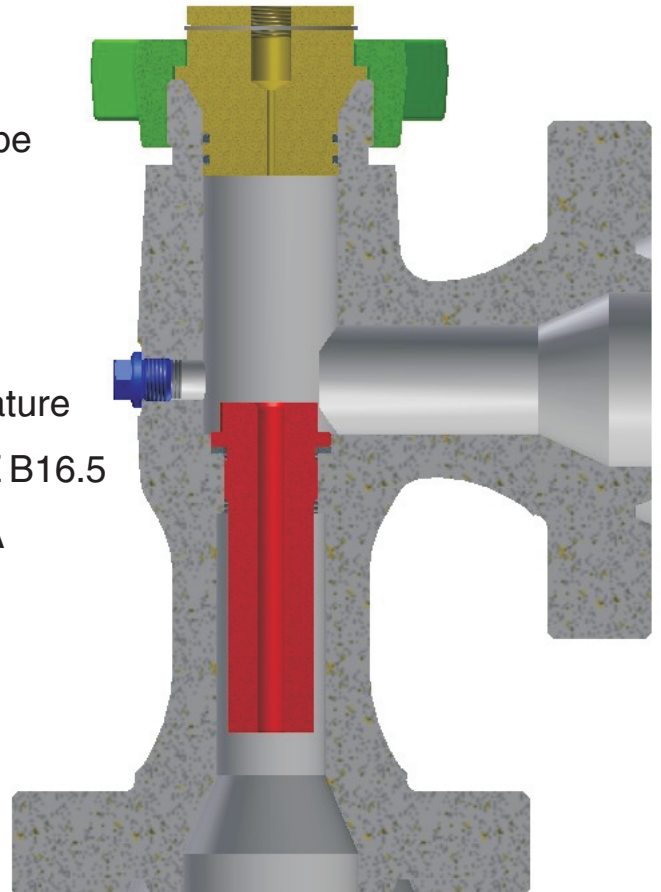
This Technical Bulletin is Highlighting our Positive & Positive to Adjustable Convertible Chokes for Oil & Gas Service Application



General Features

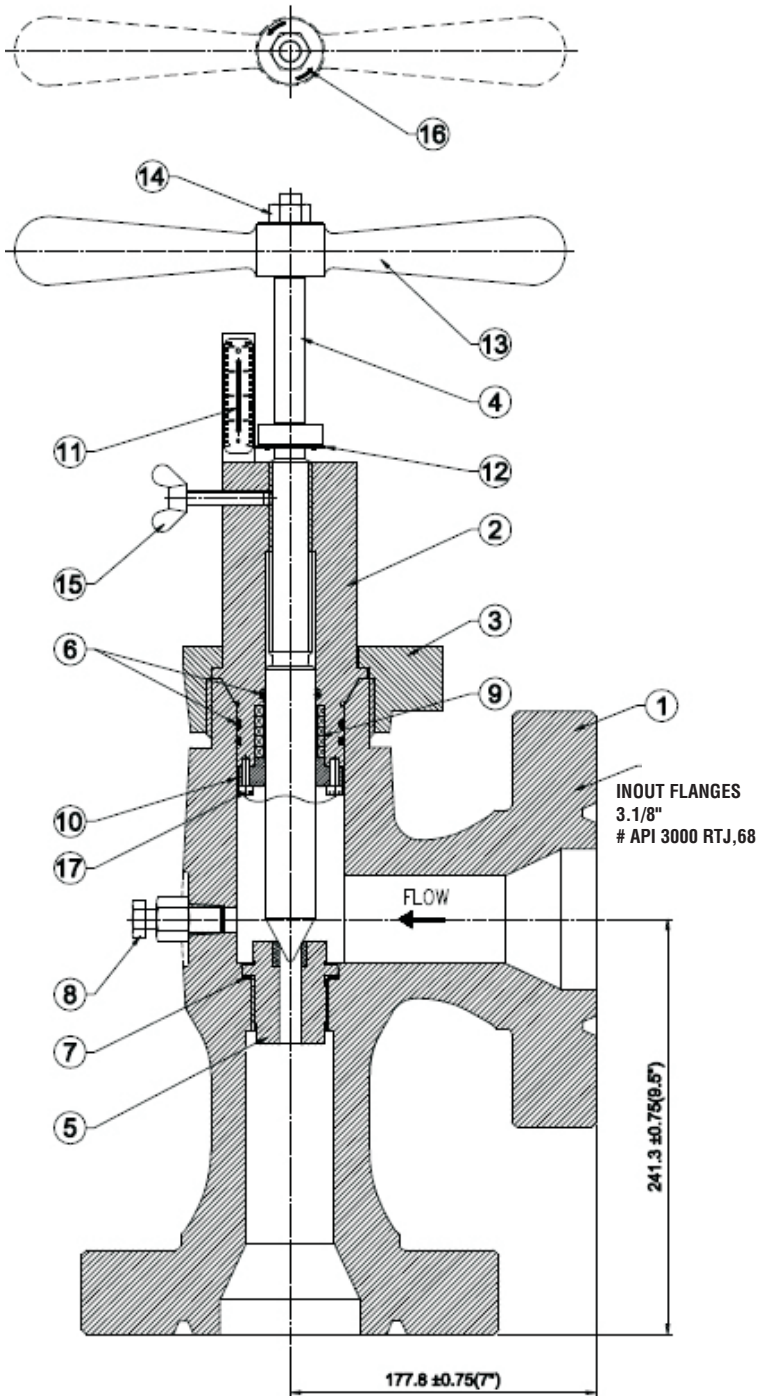
The Positive Choke has following features

- Compact Size
- Light Weight
- Ease of Maintenance
- Field Reversible to Adjustable type
- Field upgradable to higher API bean sizes
- Customized Center Heights
- Wide Range of Working Temperature
- Optional Flange Drilling to ASME B16.5
- PR2 & PR1 Testing as per API 6A



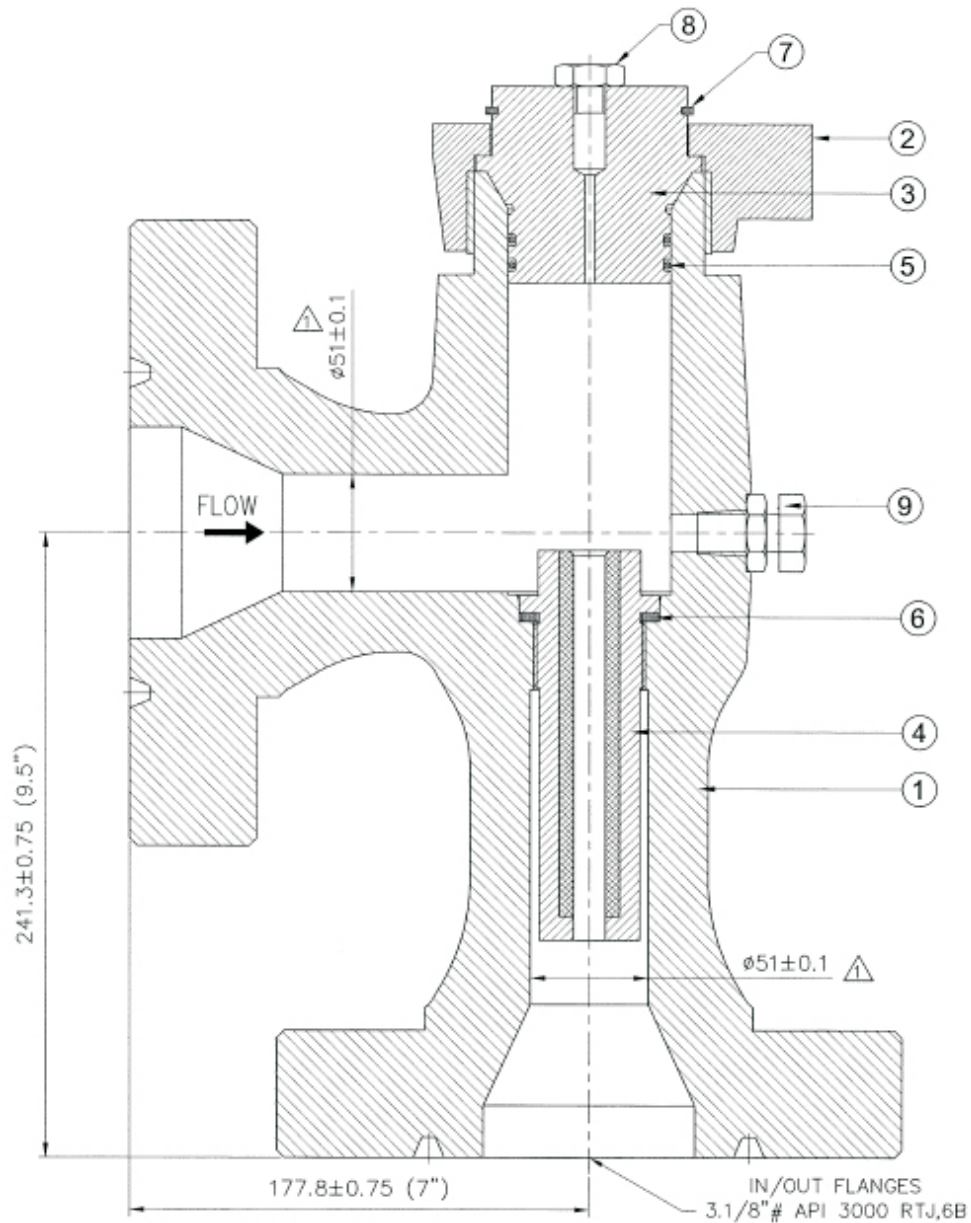
SIZE	PR. CLASS
3-1/8"	API 2K, 3K, 5K & 10K
4-1/16"	
5-1/8"	
7-1/16"	

ADJUSTABLE CHOKE WITH BILL OF MATERIALS



PART LIST		
SR.NO.	DESCRIPTION	ITEM CODE
1	BODY	-
*2	BONNET	CVR-BNT-31083K
3	WING NUT	-
*4	STEM	CVR-STM-31083K
*5	CHOKE BEAN(1*ORIFICE)	CVR-BEAN-31083K
*6	O RING	CVR-ORING-31083K
7	GASKET	-
8	VENT PLUG 1/2"	-
*9	PACKING (SELF ENRGIZED)	CVR-PACK-31083K
*10	RETAINER RING	CVR-RTNR-31083K
*11	TRAVEL PLATE	CVR-TRVPLT-31083K
*12	TRAVEL INDICATOR	CVR-TRVIND-31083K
*13	HANDLE	CVR-HNDL-31083K
*14	HEX.NUT	CVR-NUT-31083K
*15	STEM LOCK WING SCREW	CVR-WINGSCR-31083K
*16	INDICATOR PLATE	CVR-INDPLT-31083K
*17	FASTER	CVR-FAST-31083K

POSITIVE CHOKE WITH BILL OF MATERIALS



Part List		
SR.NO.	DESCRIPTION	MATERIAL
1	BODY	AIS 4130
2	WING NUT	AIS 4130
3	BLANCHING PLUG	AIS 4130
4	CHOKE BEAN	AIS 410 + TUNG.CARBIDE LINING
5	O RING	HNBR
6	GASKET	SS361L + GRAPHITE
7	EXTERNAL CIRCLIP	SPRING STEEL
8	BLIND PLUG 1/2"	AIS 4140
9	VENT PLUG 1/2"	AIS 4140



QUALITY MANUFACTURING

Maintaining the highest standards of quality throughout design, production and customer service is the cornerstone of KOSO philosophy. Our plants are accredited in accordance with Quality Management System ISO 9001 and Environmental Management System ISO 14001. In addition all valves and chokes, where applicable, conform to ATEX, PED and CE marking. Safety is the key element in anything we do.

GUARANTEE

All goods manufactured are guaranteed against defects which, under proper conditions of use, develop within eighteen calendar months from date of dispatch, and are proved to arise from faulty design materials or workmanship.

CONDITIONS OF SALE

All orders received and accepted by KOSO are acknowledged in writing and are subject to KOSO conditions of sale.



THE KOSO GROUP OF COMPANIES

The Koso group of companies specialize in the Controls and Process Automation Systems market. The key products and services that we provide are; Control Valves, High Technology Surface Choke Valves, Actuators, Instrumentation, Factory Automation Systems, Chemical Pumps and Production.



1. KOSO AMERICA INC. (REXA).

2. KOSO INTERNATIONAL INC.

3. KOSO KENTINTROL LIMITED

4. NIHON KOSO CO., LTD. (UAE)

5. KOSO INDIA PRIVATE LIMITED.

6. KOSO INDIA PVT. LTD., FOUNDRY

7. KOSO CONTROL ENGINEERING (WUXI) CO. LTD

8. WUXI KOSO VALVE CASTING CO. LTD

9. WUXI KOSO FLUID CONTROLS CO., LTD

10. KOSO CONTROL ASIA PTE. LTD

11. KOREA KOSO CO. LTD.


12. NIHON KOSO CO. LTD

13. KOSO GULF LLC., OMAN

14. KOSO ITALY SRL

15. KOSO PARCOL, ITALY

16. BINZAGR FACTORY FOR INSULATION MATERIAL, KSA



NIHON KOSO CO., LTD.
1-16-7 NIHOMBASHI CHUO-KU
TOKYO -103-0027, JAPAN

KOSO INDIA PRIVATE LTD.
J-1 & J-2, MIDC, AMBAD, 422 010,
MAHARASHTRA, INDIA

The Company's policy is one of continual development
and the right is reserved to modify the specifications
contained here in without notice

Copyright 2019 All rights reserved Nihon Koso

