

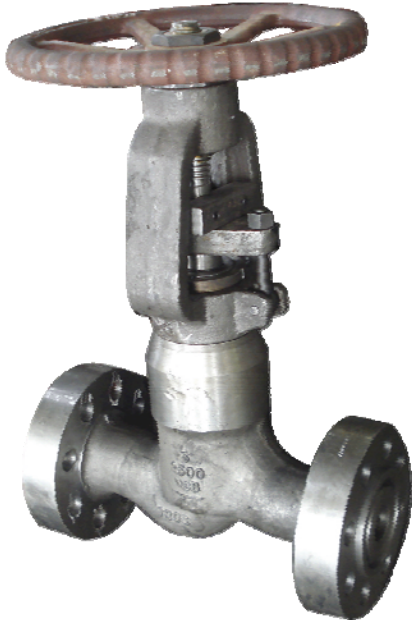
# SHANGHAI CIPHY INDUSTRY LTD.,CO.

## ANSI CLASS 900/1500/2500

### CARBON STEEL OR STAINLESS STEEL

### GLOBE VALVE PRESSURE SEAL DESIGN

#### MODEL NO: SCAXRF-PS



#### GLOBE VALVE PRODUCT'S SIZE:

PRESSURE GRADE	FROM	TO
CLASS 900	2"	8"
CLASS 1500	2"	8"
CLASS 2500	2"	8"

#### DESIGN DESCRIPTION:

- \* BOLTED BONNET;
- \* OUTSIDE SCREW AND YOKE
- \* WELDING SEAT;
- \* INTEGRAL SEATS;
- \* PRESSURE SEAL
- \* HANDWHEEL OPERATOR;
- \* AVAILABLE WITH GEAR OPERATOR;
- \* FLANGED ENDS OR BUTT-WELDING ENDS;
- \* RISING FLANGE OR RING TYPE JOINT.

#### WORKING PRESSURE AND TEMPERATURE

WORKING TEMPERATURE		
MATERIAL	CELSIUR SCALE	FAHRENHEIT
CARBON STEEL	-29 <sup>0</sup> C~425 <sup>0</sup> C	6 <sup>0</sup> F~822 <sup>0</sup> F
STAINLESS STEEL	-40 <sup>0</sup> C~550 <sup>0</sup> C	15 <sup>0</sup> F~1047 <sup>0</sup> F

#### GENERAL DESIGN SPECIFICATIONS:

ITEM	AMERICAN STANDARD
MANUFACTURE	API 6D OR API 600
PRESSURE-TEMPERATURE RATINGS	ANSI B16.34
FACE TO FACE	ANSI B16.10
END TO END	ANSI B16.10
END FLANGE	ANSI B16.5
END BUTT-WELDING	ANSI B16.25
INSPECTION AND TEST	API 598

#### TEST PRESSURE TO DIN 3230

ANSI	SHELL (WATER)		SEAT (WATER)		SEAT (AIR)		BACK SEAT(WATER)	
CLASS 900	3350PSI	235BAR	2242PSI	157BAR	80PSI	6BAR	2242PSI	157BAR
CLASS 1500	5626PSI	395BAR	4078PSI	286BAR	80PSI	6BAR	4078PSI	286BAR
CLASS 2500	9275PSI	652BAR	6787PSI	477BAR	80PSI	6BAR	6787PSI	477BAR

#### TRIMS SPECITIED DUE TO TABLE 3:

DISC SEAT SURFACE PART NO.3	BODY SEAT SURFACE PART NO.2	STEM PART NO.5	BACKETSEAT PART NO.10
F6	F6	F6	F6
STELLITE	STELILITE	F6	F6
F6	STELILITE	F6	F6
F304	F304	F304	F304
F316	F316	F316	F316
MONEL	MONEL	MONEL	MONEL
ALLOY 20	ALLOY 20	ALLOY 20	ALLOY 20

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



CLASS 1500									
DN	SIZE	d	D1	D	L	L1	L2	H(OPEN)	W
50	2"	47	53	63	368	368	371	568	350
65	2-1/2"	57	63	75	419	419	422	615	400
80	3"	70	78	91	470	470	473	680	450
100	4"	92	102	117	546	546	549	856	500
125	5"	111	128	144	673	673	711	916	600
150	6"	135	154	172	705	705	841	1054	600
CLASS 2500									
DN	SIZE	d	D1	D	L	L1	L2	H(OPEN)	W
50	2"	38	43	63	451	451	545	550	400
80	3"	57	58	91	578	578	514	866	308
100	4"	73	80	117	673	673	584	1125	460
125	5"	111	124	172	914	914	683	1430	610
150	6"	146	175	223	1022	1022	927	1550	760

**\* We hereby reserve the rights of any alternative dimension that would help to improve our valve's quality and working efficiency**



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