

INVERTED PRESSURE BALANCE LUBRICATED PLUG VALVE ACC. TO ANSI 美标压力平衡式倒装油密封旋塞阀

PRODUCT STRUCTURAL FEATURES 产品结构特点:

Inverted pressure balance lubricated plug valve acc. to ANSI is applicable to the cutting and connection of pipelines medium that are used in various industries such as petroleum, chemical industry, pharmacy, chemical fertilizer, electric power industry etc under nominal pressure of CLASS150-900LBS and working temperature of -29-180°C

美标压力平衡式倒装油密封旋塞阀适用于公称压力 CLASS150-1500LBS, 工作温度-29-180°C的石油、化工、制药、化肥、电力行业等各种工况的管路上, 切断或接通管路介质。

MAIN STRUCTURAL FEATURES 其主要结构特点:

- 1、It has logical structure, reliable seal, excellent performance and nice design.
 - 2、It has the structure of flip-chip balanceable pressure and light on/off operation.
 - 3、An oil groove is set between valve body and seal surface, which may infuse the seal grease to increase the seal capability.
 - 4、The part material and flange dimension may be selected according to current operating condition and users requirement, so that meet the requirements of various engineering.
- 1、产品结构合理、密封可靠、性能优良、造型美观;
 - 2、倒装压力平衡的结构, 开关动作轻;
 - 3、阀体和密封面间设有油槽, 可随时通过油嘴向阀座注入密封油脂, 增加密封性能;
 - 4、零件材质及法兰尺寸问题可根据实际工况或用户要求合理选配, 满足各种工况需要。

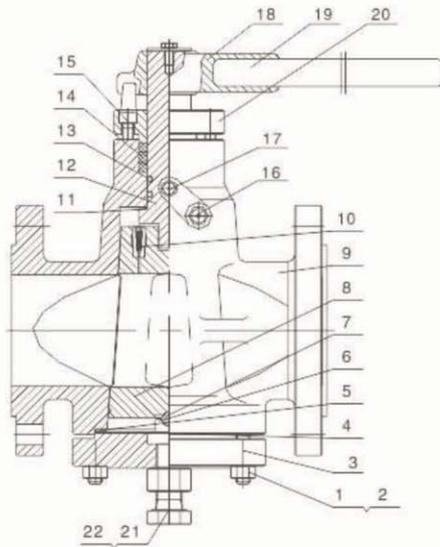
TECHNICAL SPECIFICATION 技术规范:

结构形式 Structural formation	BC
驱动方式 Operation	手动 Manual
	电动 Electric-actuated
设计标准 Design standard	API 599、API 6D
结构长度 Face to Face	ASME B16.10
连接法兰 Flange Ends	ASME B16.5
试验和检验 Test & Inspection	API598.API 6D

PRODUCTS PERFORMANCE SPECIFICATION 产品性能规范:

公称压力(LB) Nominal pressure	壳体试验压力(MPa) Shell test	密封试验压力(MPa) Sealing test	适用温度(°C) Suitable temp.	适用介质 Suitable medium
150	3.0	2.2	≤80°C/300°C	水、蒸汽、天然气、油品等 Water、Steam、Gas & Oil
300	7.5	5.5		
600	15.0	11.0		
900	22.5	16.5		
1500	37.5	27.5		
2500	63.0	46.2		

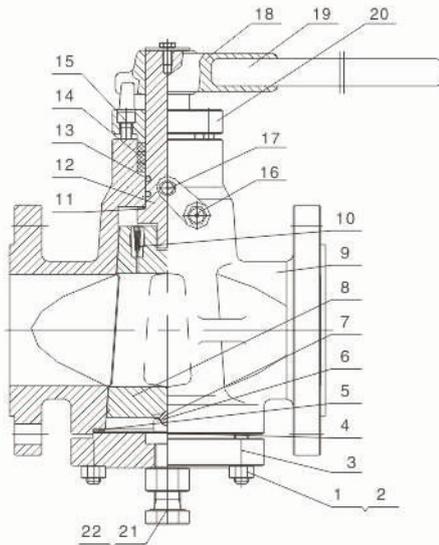
INVERTED PRESSURE BALANCE LUBRICATED PLUG VALVE ACC. TO ANSI 美标压力平衡式倒装油密封旋塞阀



MAIN PARTS MATERIALS 主要零部件材质:

序号NO.	名称 Part name	材质 Material
1	双头螺栓 Bolt	ASTM A193-B7
2	六角螺母 Nut	ASTM A194-2H
3	阀盖 Cover	ASTM A216-WCB
4	金属隔膜 Metal diaphragm	ASTM SS304
5	缠绕垫片 Wind gasket	SS304+ 柔性石墨 SS304+Flexible graphite
6	球座 Ball seat	ASTM A276 410
7	球 Ball	ASTM SS304
8	旋塞 Plug	ASTM A217 CA15+氮化
9	阀体 Body	ASTM A216-WCB
10	止回阀 Check valve	组装件UCA
11	阀杆垫片 Gasket	PTFE
12	阀杆 Stem	ASTM A182 F6a
13	O型圈 "O" Ring	氟橡胶 Viton
14	填料 Packing	柔性石墨 Flexible graphite
15	螺栓 Bolt	ASTM A193-B7
16	注脂嘴 Grease nozzle	组装件UCA
17	密封紧急装置	组装件UCA
18	手柄头 Handhole	ASTM A216-WCB
19	手柄管子 Pipe	ASTM A570
20	填料压盖 Gland	ASTM A216-WCB
21	锁紧螺母 Lock nut	ASTM A194-2H
22	调整螺栓 Adjusting bolt	ASTM A193-B7

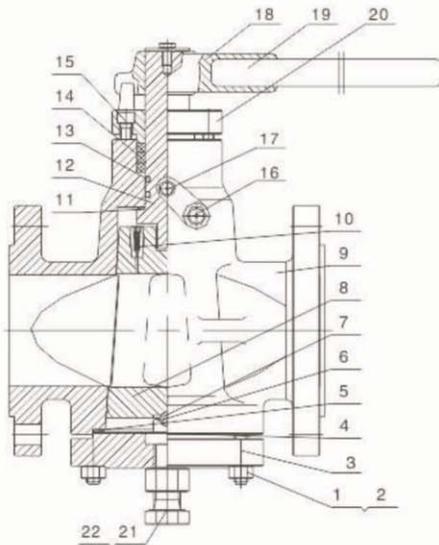
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MAIN PARTS MATERIALS 主要零部件材质:

序号NO.	名称 Part name	材质 Material
1	双头螺栓 Bolt	ASTM A320-L7
2	六角螺母 Nut	ASTM A194-4
3	阀盖 Cover	ASTM A216-LCB
4	金属隔膜 Metal diaphragm	ASTM SS316
5	缠绕垫片 Wind gasket	SS316+柔性石墨 SS316+Flexible graphite
6	球座 Ball seat	ASTM A276 316
7	球 Ball	ASTM SS316
8	旋塞 Plug	ASTM A352-LCB+氮化
9	阀体 Body	ASTM A352-LCB
10	止回阀 Check valve	组装件 UCA
11	阀杆垫片 Gasket	PTFE
12	阀杆 Stem	ASTM A182 F316
13	O型圈 "O" Ring	氟橡胶 Viton
14	填料 Packing	柔性石墨 Flexible graphite
15	螺栓 Bolt	ASTM A320-L7
16	注脂嘴 Grease nozzle	组装件 UCA
17	密封紧急装置	组装件 UCA
18	手柄头 Handhole	ASTM A216-WCB
19	手柄管子 Pipe	ASTM A570
20	填料压盖 Gland	ASTM A216-WCB
21	锁紧螺母 Lock nut	ASTM A194-4
22	调整螺栓 Adjusting bolt	ASTM A320-L7

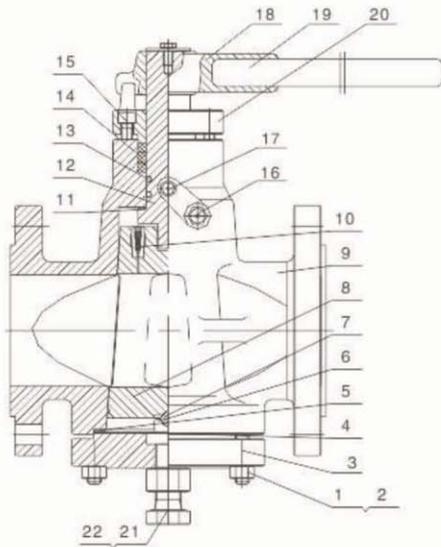
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1	双头螺栓 Bolt	ASTM A193-B7
2	六角螺母 Nut	ASTM A194-2H
3	阀盖 Cover	ASTM A216-WCB
4	金属隔膜 Metal diaphragm	ASTM SS304
5	缠绕垫片 Wind gasket	SS316+柔性石墨 SS316+Flexible graphite
6	球座 Ball seat	ASTM A276 316
7	球 Ball	ASTM SS316
8	旋塞 Plug	ASTM A351 CF8M +氮化
9	阀体 Body	ASTM A216-WCB
10	止回阀 Check valve	组装件 UCA
11	阀杆垫片 Gasket	PTFE
12	阀杆 Stem	ASTM A182 F316
13	O型圈 "O" Ring	氟橡胶 Viton
14	填料 Packing	柔性石墨 Flexible graphite
15	螺栓 Bolt	ASTM A193-B7
16	注脂嘴 Grease nozzle	组装件 UCA
17	密封紧急装置	组装件 UCA
18	手柄头 Handhole	ASTM A216-WCB
19	手柄管子 Pipe	ASTM A570
20	填料压盖 Gland	ASTM A216-WCB
21	锁紧螺母 Lock nut	ASTM A194-2H
22	调整螺栓 Adjusting bolt	ASTM A193-B7

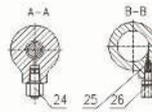
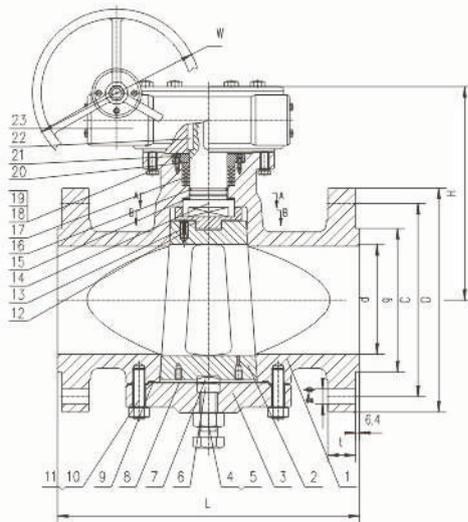
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MAIN PARTS MATERIALS 主要零部件材质:

序号NO.	名称 Part name	材质 Material
1	双头螺栓 Bolt	ASTM A193-B8M
2	六角螺母 Nut	ASTM A194-8M
3	阀盖 Cover	ASTM A351-CF8M
4	金属隔膜 Metal diaphragm	ASTM SS316
5	缠绕垫片 Wind gasket	SS316+柔性石墨 SS316+Flexible graphite
6	球座 Ball seat	ASTM A276 316
7	球 Ball	ASTM SS316
8	旋塞 Plug	ASTM A351 CF8M +氮化
9	阀体 Body	ASTM A351-CF8M
10	止回阀 Check valve	组装件UCA
11	阀杆垫片 Gasket	PTFE
12	阀杆 Stem	ASTM A182 F316
13	O型圈 "O" Ring	氟橡胶 Viton
14	填料 Packing	柔性石墨 Flexible graphite
15	螺栓 Bolt	ASTM A193-B8M
16	注脂嘴 Grease nozzle	组装件UCA
17	密封紧急装置	组装件UCA
18	手柄头 Handhole	ASTM A216-WCB
19	手柄管子 Pipe	ASTM A570
20	填料压盖 Gland	ASTM A351-CF8
21	锁紧螺母 Lock nut	ASTM A194-8M
22	调整螺栓 Adjusting bolt	ASTM A193-B8M

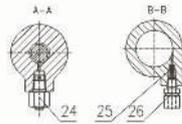
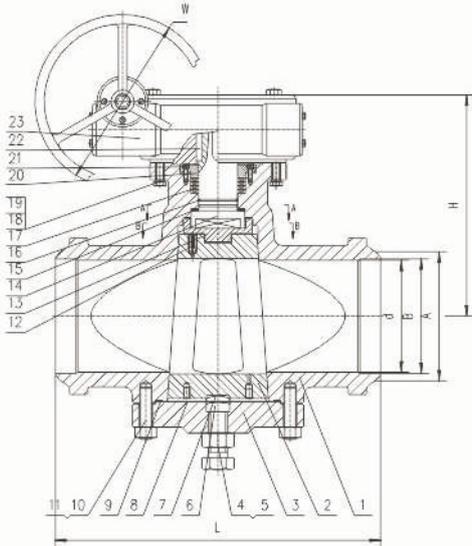
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MAIN PARTS MATERIALS 主要零部件材质:

序号NO.	名称 Part name	材质 Material
1	阀体 Body	A352 LCC
2	旋塞 Plug	A352 LCC+Nitriding
3	阀盖 Cover	A352 LCC
4	螺母 Nut	A194-4
5	螺栓 Bolt	A320-L7
6	调整块 Adjustable block	A276-410
7	调整块 Adjustable block	A276-410
8	金属隔膜 Metal diaphragm	SS304
9	缠绕垫片 Wind gasket	SS304+柔性石墨 Graphite
10	螺母 Nut	A194-4
11	螺栓 Bolt	A320-L7
12	单向阀 Check Valve	组装件 UCA
13	连接器 Articulated Joint	A276-410
14	阀杆 Stem	A182-F6a
15	垫片 Gasket	PTFE
16	O型圈 O-Ring	Viton
17	填料 Packing	柔性石墨 Graphite
18	螺栓 Bolt	AISI 1035
19	弹性垫片 Spring Washer	AISI 1066
20	压盖 Gland	A352 LCC
21	螺栓 Bolt	A320-L7
22	键 Key	AISI 1045
23	涡轮驱动装置 Worm-gear Actuator	组装件 UCA
24	紧急密封装置 Emergency Device	组装件 UCA
25	单向阀 Check Valve	组装件 UCA
26	注脂阀 Grease Fitting	组装件 UCA

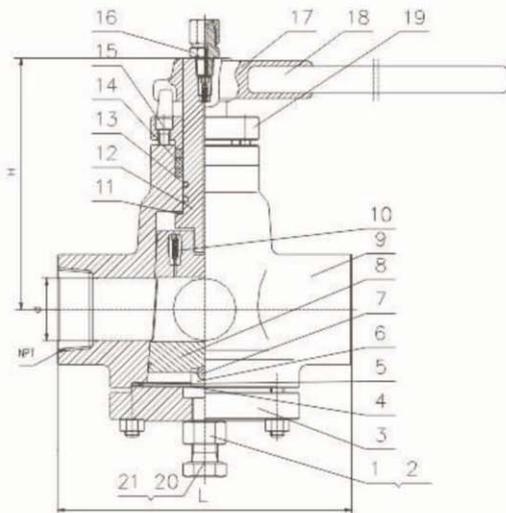
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序号NO.	名称 Part name	材质 Material
1	阀体 Body	A216-WCB
2	旋塞 Plug	A216-WCB+ENP
3	阀盖 Cover	A216-WCB
4	螺母 Nut	A194-2H
5	螺栓 Bolt	A193-B7
6	调整块 Adjustable block	A276-410
7	调整块 Adjustable block	A276-410
8	金属隔膜 Metal diaphragm	SS304
9	缠绕垫片 Wind gasket	SS304+柔性石墨 Graphite
10	螺母 Nut	A194-2H
11	螺栓 Bolt	A193-B7
12	单向阀 Check Valve	组装件 UCA
13	连接器 Articulated Joint	A276-410
14	阀杆 Stem	A182-F6a
15	垫片 Gasket	PTFE
16	O型圈 O-Ring	Viton
17	填料 Packing	柔性石墨 Graphite
18	螺栓 Bolt	AISI 1035
19	弹性垫片 Spring Washer	AISI 1066
20	压盖 Gland	A216-WCB
21	螺栓 Bolt	A193-B7
22	键 Key	AISI 1045
23	涡轮驱动装置 Worm-gear Actuator	组装件 UCA
24	紧急密封装置 Emergency Device	组装件 UCA
25	单向阀 Check Valve	组装件 UCA
26	注脂阀 Grease Fitting	组装件 UCA

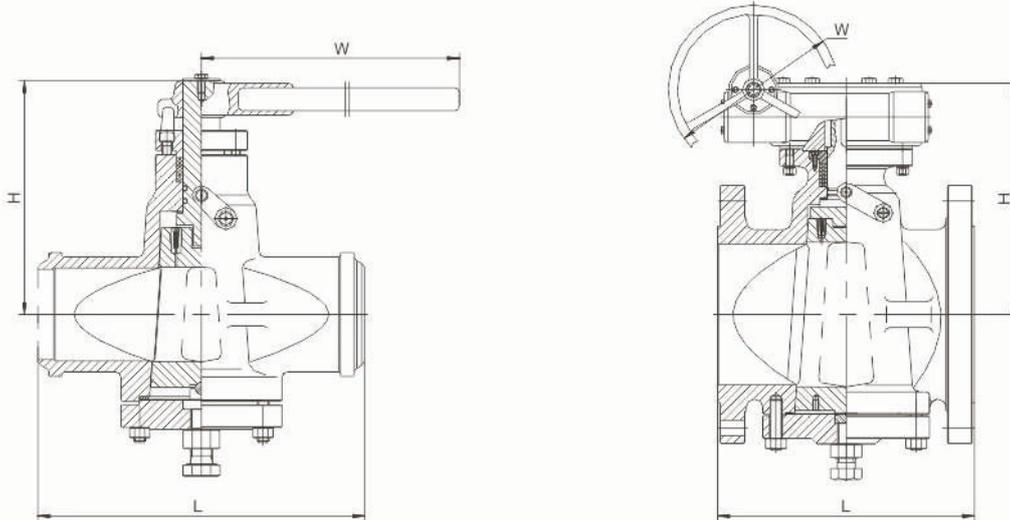
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序号NO.	名称 Part name	材质 Material
1	螺栓 Bolt	A193-B7
2	螺母 Nut	A194-2H
3	阀盖 Cover	A105
4	金属隔膜 Metal diaphragm	SS304
5	缠绕垫片 Wind gasket	SS304+Graphite 柔性石墨
6	调整块 Adjustable block	A276-410
7	球 Ball	SS304
8	旋塞 Plug	A182-F6a+Nitriding
9	阀体 Body	A105
10	单向阀 Check Valve	组装件 UCA
11	垫片 Gasket	PTFE
12	阀杆 Stem	A182-F6a
13	O型圈 O-Ring	Viton
14	填料 Packing	Graphite 柔性石墨
15	螺栓 Bolt	A193-B7
16	注脂阀 Grease Fitting	组装件 UCA
17	管子 Pipe	A570
18	手柄 Handhold	A216-WCB
19	压盖 Gland	A216-WCB
20	螺栓 Bolt	A193-B7
21	螺母 Nut	A194-2H

INVERTED PRESSURE BALANCE LUBRICATED PLUG VALVE ACC. TO ANSI 美标压力平衡式倒装油密封旋塞阀



型号 Model		X47W/X347W-150LB														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L		108	117	127	140	165	178	190	203	229	254	267	292	330	356	381
H		180	180	185	200	214	215	250	270	300	340	365	400	450	510	590
W		400	400	500	500	600	600	820	820	300	300	320	320	350	380	380
重量(Kg)Weight		10	12	14	17	19	21	29	33	48	75	98	125	171	230	370
型号 Model		X47W/X347W-300LB														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L		140	152	165	178	190	216	241	283	305	381	403	419	457	502	762
H		180	180	185	200	210	215	250	270	300	340	365	400	450	510	590
W		400	400	500	600	600	820	1000	1000	300	300	320	320	350	380	380
重量(Kg)Weight		12	14	16	19	21	24	31	36	61	86	130	190	255	380	560
型号 Model		X47W/X347W-600LB														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L		165	190	216	229	241	292	330	356	432	508	559	660	787	838	889
H		180	180	185	200	210	215	250	270	300	340	365	400	450	510	590
W		400	400	500	500	600	600	820	820	300	300	320	320	350	380	380
重量(Kg)Weight		14	16	18	20	24	29	35	47	91	129	210	320	660	920	1250
型号 Model		X47W/X347W-900LB														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L		216	229	254	279	305	368	419	381	457	559	610	737	838	965	1029
H		180	180	185	200	210	215	250	270	300	340	365	400	450	510	590
W		400	400	500	600	600	820	1000	1000	300	300	320	320	350	380	380
重量(Kg)Weight		17	29	21	24	30	37	44	65	110	160	255	380	810	1050	1460