



**Technical Requirement**

**I. Main Parameters:**

Nominal Bore: 3 1/8"      Rated Pressure: 5000psi  
 Material Class: EE-0.5      Working Temperature: PU  
 Product Specification Level: PSL-3      Product Requirement: PR-1  
 Working Medium: Oil, Gas, Mud

**II. Standard:**

API Spec 6A      <<Specification for Wellhead and Christmas Tree Equipment>>  
 NACE MR 0175-2003      <<Petroleum and natural gas industries - Materials for use in H2S-containing environments in oil and gas>>

**III. Test:**

Pressure Test as per API Spec 6A Standard  
 Drift Test as per API Spec 6A Standard

**IV. Painting as per standard**

**V. Cautions**

1. All Parts should be inspected before assembling
2. Test after assembly
3. Inject the body with lubrication grease

**VI. Net Weight: 165Kg approx**

29	Locking Pin	SYPYC 8035-29	2
28	Seat Seal Ring	SYPYC 8035-28	2
27	Seat Ring	SYPYC 8035-27	2
25	Pin, Hand Wheel	SYPYC 8035-25	1
22	Hand Wheel	SYPYC 8035-22	1
21	Bearing Cup	SYPYC 8035-21	1
20	Grease Cup	SYPYC 8035-20	1
19	O-Ring, Bearing Cap to Stem Adapter	SYPYC 8035-19	1
18	O-Ring, Bearing Cap	SYPYC 8035-18	1
17	Bearing	SYPYC 8035-17	2
16	Stem Adapter	SYPYC 8035-16	1
15	Packing Gland	SYPYC 8035-15	1
14	Stem Packing	SYPYC 8035-14	1
13	Stud - Bonnet	SYPYC 8035-13	8
12	Nut - Bonnet	SYPYC 8035-12	8
11	Shear Pin	SYPYC 8035-11	1
10	Grease Fitting - 1/2" NPT	SYPYC 8035-10	1
9	Bonnet	SYPYC 8035-09	1
8	Bonnet Seal Ring	SYPYC 8035-08	1
7	Stem	SYPYC 8035-07	1
6	Retainer Plate	SYPYC 8035-06	2
5	Body Bushing Seal	SYPYC 8035-05	2
4	Body Bushing	SYPYC 8035-04	2
3	Gate	SYPYC 8035-03	1
2	Gate Guide	SYPYC 8035-02	2
1	Body	SYPYC 8035-01	1
Item	Description	Parts Number	Qty

零件名称 尺寸规格 数量 材料 备注	材料规格 毛重 净重	不调整工程图控制 备注	<b>Manual Gate Valve</b> Jiangsu Sanyi Petroleum Equipment Co., Ltd.	
日期 设计 审核 批准	日期 设计 审核 批准	材料 工程图号 比例 1:1 图号 1 (共 1)	工程图号 3 1/8" 5000psi	A2