



TECHNICAL DATA

ORIFICE	Cv	Pr. Rot.	Temp. Rot.
3.5 mm.	0.31	3000 PSI (20700 kpo)	-20 to 250° F (-29° to 121°C)

S.NO.	PART NAME	QTY.	MATERIAL
7	SPINDLE O-RING	1	VITON
6	BONNET O-RING	1	VITON
5	GRUB SCREW	1	STEEL PLATED
4	HANDLE	1	STAINLESS STEEL
3	SPINDLE	1	A479-316/A-105
2	GLAND BODY	1	A479-316/A-105
1	BODY	1	A479-316/A-105

MATERIAL OF CONSTRUCTION

FEATURES:
316S.S. CONSTRUCTION FOR CORROSION RESISTANCE. EXCELLENT FLOW REGULATION & LEAK TIGHT. SLOW OPENING PREVENT SUDDEN PRESSURE SURGE & INSTRUMENT DAMAGE.

APPLICATION:
REFINERIES, LIQUID PETROLEUM GAS PROCESSING PLANT, PETROCHEMICALS PLANTS, SYSTEMS DIFFICULT TO SHUT OFF DUE TO SOLIDE CONTENTS, DUST,DIRT,RUST ETC.

TESTING:
STANDARD TEST:- EACH VALVES IS TESTED WITH NITROGEN AT 1000 PSI FOR SEAT & PACKING LEAKAGE, WITH A MAX. ALLOWABLE LEAK RATE OF 0.1 SEC. / MIN. THE WORKING PRESSURE.
HYDRO TEST:- PERFORMED WITH PURE WATER AT 1-1/2 TIMES OF OTHER TEST:- LIKE THE VIBRATIONS,TEMPERATURES,HELIUM ETC. ARE AVAILABLE UPON REQUESTS.

LUBRICATION:
MOLLY ANTI- SEIZE LUBRICANT.

NOTE:
DIMENSIONS ARE FOR REFERENCE ONLY, SUBJECT TO CHANGE.

TITLE:- NEEDLE VALVE-MINI SERIES
VITON RING PKG

DRN.	MT	SCALE	N.T.S.
CHD.	ET	DATE	20-11-2002
APPD.	JP	DRG.NO.	PV-H-S-4-V-MINI

PANAM ENGINEERS
AN ISO 9001 : 2000 COMPANY
MUMBAI - INDIA