



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
S.NO.	PART NAME	QTY.	MATERIAL

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. PETRO CHEMICALS 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.

HYDRO TEST: - PERFORMED WITH PURE WATER AT 1-1/2 TIMES OF THE WORKING PRESSURE.

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.

TECHNICAL DATA			
ORIFICE	Cv	Pr. Rat.	Temp.Rat.
3.5 mm.	0.31	3000 PSI (20700 kpa)	-20 to 250° F (-29° to 121°C)

REV.	REVISIONS	DATE	BY	APPD.
CLIENT-				
TITLE: NEEDLE VALVE-MINI SERIES VITON RING PKG. (FxF)				
DO NOT SCALE THE DRAWING.		DRN.	SCALE	N.T.S.
UNLESS OTHERWISE SPECIFIED ALL FINISHES TO BE MACHINE - 63 MICRO IN. CAST - 125 MICRO IN.		CHD.	DATE	
REMOVE ALL BURRS & SHARP EDGES, PARTS TO BE FREE OF OIL OR OTHER CONTAMINATION.		APPD.	DRG.NO.P.NV-H-S-4-V-FF REV R0	
ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SPECIFIED.				
PIONEER INDUSTRIES				
ISO 9001 - 2008				