

Item No./Qty 1 1
 Tag No.
 Service

Ref. No. 2008/0354
 Purchaser YEU-1080
 End user KRPC (Nigeria)
 Project/Unit

<Control valve>

Model VBZ
 Description Special Butterfly Valve
 Body/Port size (in.) 80A
 Conn. Size./Rated CV 160
 Rating/Conn. Type ANSI150 WAFER
 Body material SCPH2
 Trim material SCPH2/SUS316/SUS316 ST#6
 Flow characteristic
 Bonnet EXT-1 (230 to 400 degC)
 Actuator/Handle HA3D SIDE
 Action AIR TO CLOSE
 Gland packing/Grease P6610CH+P6528 650
 Gasket ---
 Air supply/Spring range 2.7kgf/cm2 0.8-2.4kgf/cm2
 Seat leakage
 Color: Body/Diaph./Yoke
 Paint Standard

<Remarks>

SV0703-105 Indicating unit : "kgf/cm2"
 SV0505-003 Minimum and maximum flow stopper for actuator
 SV0601-001 Air piping Connection: 1/4 NPT
 SV0602-002 Air piping: Vinyl covered copper tube. Joint:Cr plated with vinyl cap

Exiting production No.: 416-8310-1000

<Accessories>

Positioner HTP-1D
 Structure
 Input signal 0.2-1.0 kgf/cm2
 Regulator KZ03-3A-XX 1
 Regulator2
 Limit switch
 Action
 Solenoid valve
 Action
 Power
 Booster
 Air lock valve (setting)

<Process data>

Fluid name/Phase	Heavy Spindle Oil			LIQUID(FCI) Unit
	MAX	NOR	MIN	
Flow rate	28.6			m3/h
Inlet pressure	0.402			kgf/cm2A
Outlet pressure				kgf/cm2A
Differential press.	0.192			kgf/cm2
Shut-off press.		2.5		kgf/cm2
Temperature	269			degC
Density/Gravity(Liq)	0.722			water=1
Density/Gravity(G,V)				MW
Viscosity	0.606			cP
Flash				%
Calculated CV	64.74			
Travel				%
Inlet velocity				m/s
Predictive SPL				dBA

V93-3981-00

<Strength calc. sheet>
 /Calc. Sheet

<Piping>

Design press. kgf/cm2G
 Design temp. degC
 Size(in.) Up/Dwn
 Sch No.
 Thickness (mm)

Yamatake Corporation

