Durga Valves Pvt. Ltd.
Howrah - 711101
(An ISO-9001 Company)

REF. No.

Contractor:

DVPL

SI. NO.	DESCRIPTION	DETAILS		
1	TAG / SERIAL NO.	-		
2	TYPE OF VALVE	SLANTED SEATED TILTING DISK CHECK VALVE		
3	MAKE	'DVPL'		
4	REFERENCE STANDARD	EN 12334 PART 3 / DIN 3203 F4		
5	SIZE			
6	QTY.			
7	PRESSURE RATING	PN- 1.6	PN-2.0	PN-2.5
8	END CONNECTION	Flanged		
	MATERIAL OF CONSTRUCTION			
9	BODY	DUCTILE IRON GGG 40		
10	DISC	DUCTILE IRON GGG 40		
11	BODY SEAT	NICKLE WELD OVERLAY MICRO FINISHED		
12	DISC SEAT	NICKLE WELD OVERLAY MICRO FINISHED		
13	SHAFT	S.S. to AISI-410		
14	FASTENERS	CARBON STEEL		
15	DAMPER UNIT	MFG. STD.		
16	BEARING BUSHES	G.M.		
17	RUBBER GASKET	NITRILE/ NATURAL RUBBER		
18	LIFTING HOOK	Carbon Steel (Forged Quality)		
	OTHERS PARTICULARS			
19	TESTING STD.	API-598		
20	MAX. PRESSURE DROP AT DESIGN FLOW RATE	0.5 MWC		
21	MAX. PRESSURE LEAKAGE RATE	7.0 cc/hr/mm diameter.		
22	CLOSURE CHARACTERISTIC	High speed closing & minimum slam condition when closing		
23	OPERATION	Automatically / Self		
24	PAINTING	LIQUID EPOXY		
25	MARKING	'Durga'/Size/PN-Rating/Arrow Mark/Heat No. & Sr. No.		

NOTES:

Metallic-sealing non-return valve with slanted seat for reducing the closing time and with specially shaped disk that supports the opening movement. Also available with internal damping unit for the reduction of pressure surges. The prerequisite for trouble-free operation is a minimum flow velocity of 1.5 m/s in the customer's plant. Suitable for use in water treatment applications, water distribution, in pretreated sewage, in power plants and in industry.

Disk in body with double offset bearing in bushes;

Disk geometry with optimum hydraulic flow pattern to ensure low pressure losses;

Wear-resistant, corrosion-resistant and infiltration-proof sealing seat in the body and on the disk due to Micro finished chromium-nickel weld overlay;

Closing times reduced by ca. 35% due to the slanted seat;

With internal damping unit for closing behaviour with reduced pressure surges;

			DESIGN	APPD	DATE
0	1	For Approval	PREP	DATA SHEET NO.	
REV. NO	DATE	DESCRIPTION	CHKD	DEC/TDCV/01	REV 0