



Size	Main Dimension PN10					
DN	D1	D2	N-M	z-Ød	L	H
50	125	99	2-M16	2-M16	48	420
65	145	115	2-M16	2-M16	48	440
80	160	135	2-M16	2-M16	51	500
100	180	155	2-M16	2-M16	51	565
125	210	185	2-M16	2-M16	57	630
150	240	210	2-M20	2-M20	57	720
200	295	265	2-M20	2-M20	70	900
250	350	320	4-M20	2-M20	70	1050
500	620	585	8-M24	6-M24	114	1880

Technical Requirements

1. Design & manufacture conform to MSS SP-81
2. Face-to-Face conforms to MSS SP-81
3. Flange dimensions conform to EN 1092-2
4. Test & Inspect conform to MSS SP-81

NO	PART NAME	MATERIAL	REMARKS
16	Solenoid valve		
15	Induction		
14	Protective cover	SS304	
13	Nut	A194 8M	
12	Bolt	A193 B8M	
11	Actuator	Component	
10	Land	WCB	
9	Support plate	Q235+epoxy spray coating	
8	Position indicator	Stainless Steel	
7	Stem	SS316	
6	Gland	GGG40	
5	Packing	PTFE	
4	Seat	EPDM	
3	Knife	SS316	
2	Wedge	GGG40	
1	Body	GGG40	

SPECIFICATIONS			
Nominal pressure	PN10		
Testing Pressure	Shell Test	1.55	MPa
	Closure Test	0.28	
	Back seat Test	/	
	Air Test	/	
Temperature	-29~120□		
Applicable Media	Wast water, slurry.		

DESIGNED BY			
CHECKED BY			
STANDARDIZED BY		DRAWING NO	REV
APPROVED BY		PZ673X-10Q	0
THE USER CONFIRM		Knife Gate Valve	
	DATE		

	NAME	MOTO	DATE	04.06.2019	SIZE	A3	DWG NO	QIF-171-002-DN50-500-DWG
	DRAWN	ORLA	DATE	dd.mm.yyyy	FILE NAME:	PZ75X-10Q-DN50-500.dft		
	CHECKED	ORLA	DATE	dd.mm.yyyy	SCALE:	1:1		
	ENG APPR	ORLA	DATE	dd.mm.yyyy	REV:		
	MGR APPR	ORLA	DATE	dd.mm.yyyy	WEIGHT:	SHEET: 1 OF 1		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS AND TOLERANCES ARE +/-0,5

REV	DESCRIPTION	DATE	APPROVED
REVISION HISTORY			

TITLE DA ACT PN10 KNIFE GATE VALVE UNI-DIRECTION GGG40 BODY, SS316 KNIFE AND STEM, EPOXY COAT 250M EPDM SEAT, DA PNEU. ACTUATOR, IND. SWITCH