



Size	Main Dimension PN10			
	DN	D1	N-M	H
50	125	4-M16	48	280
65	145	4-M16	48	300
80	160	8-M16	51	340
100	180	8-M16	51	400
125	210	8-M16	57	500
150	240	8-M20	57	500
200	295	8-M20	70	600
250	350	12-M20	70	720
300	400	20-M24	76	780
350	460	16-M20	76	930
400	515	16-M24	89	1030
500	620	20-M24	114	1350

NO	PART NAME	MATERIAL	REMARKS
15	Nut	A194 8M	
14	Bolt	A193 B8M	
13	Hand wheel nut	AISI 1035	
12	Hand wheel	Malleable cast iron	
11	Upper bearing	SS316	
10	Lower bearing	SS316	
9	Support plate	Q235A	
8	Stem	SS316	
7	Stem nut	BRASS	
6	Gland	CF8M	
5	Position indicator	A4-70	
4	Packing	PTFE	
3	Seat	EPDM	
2	Knife	SS316	
1	Body	CF8M	

Technical Requirements

- Design & manufacture conform to MSS SP-81
- Face-to-Face conforms to MSS SP-81
- Flange dimensions conform to EN1092-2
- Test & Inspect conform to MSS SP-81

SPECIFICATIONS			
Nominal pressure	PN10		
Testing Pressure	Shell Test	1.55	MPa
	Closure Test	0.28	
	Back seat Test	/	
	Air Test	/	
Temperature	-20~120°C		
Applicable Media	Wast water, slurry.		

DESIGNED BY			
CHECKED BY			
STANDARDIZED BY		DRAWING NO	REV
APPROVED BY		PZ73X-10Q	0
THE USER CONFIRM		Knife Gate Valve	
	DATE		



	NAME	DATE	SIZE	DWG NO
DRAWN	MOTO	04.06.2019	A3	QIF-170-002-DN50-500-DWG
CHECKED	ORLA	dd.mm.yyyy		FILE NAME: PZ75X-10Q-DN50-500.dft
ENG APPR	ORLA	dd.mm.yyyy	SCALE: 2:1	REV:
MGR APPR	ORLA	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: PN10 KNIFE GATE VALVE UNI-DIRECTION
GGG40 BODY, SS316 KNIFE AND STEM, EPOXY COAT 250 M
EPDM SEAT, HANDWHEEL, NON RISING STEM