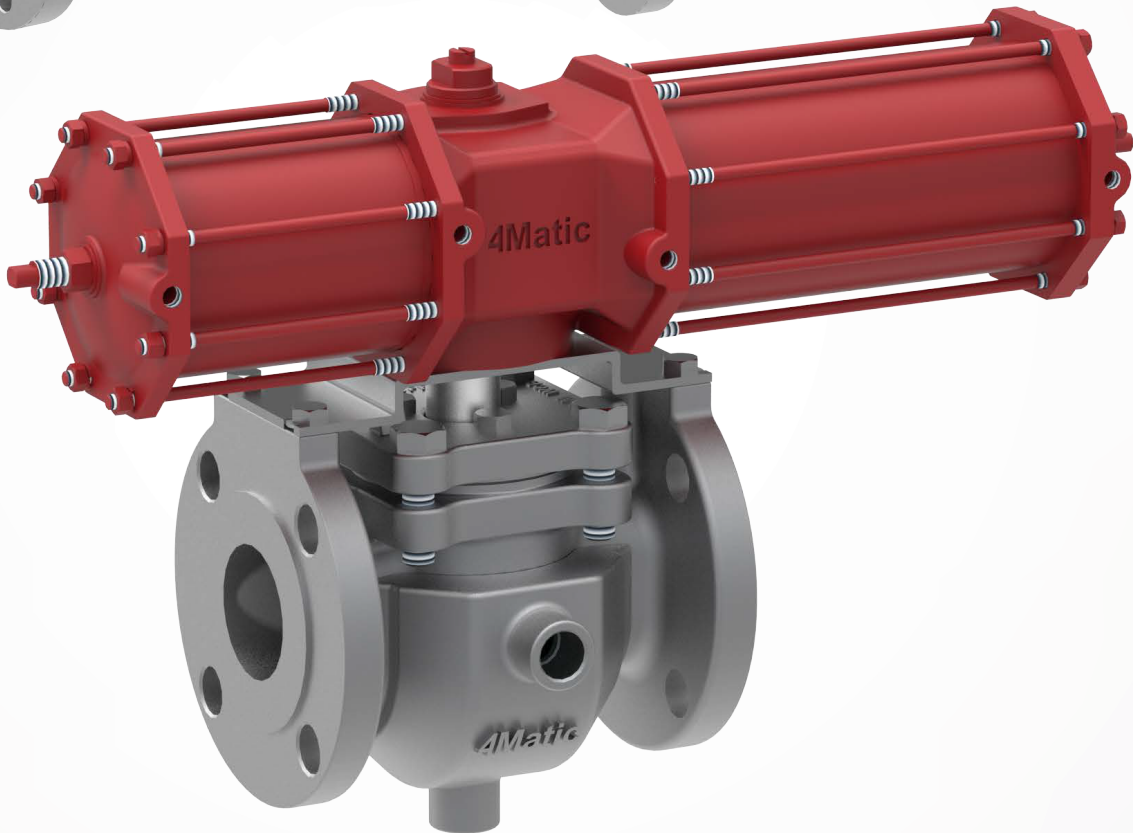
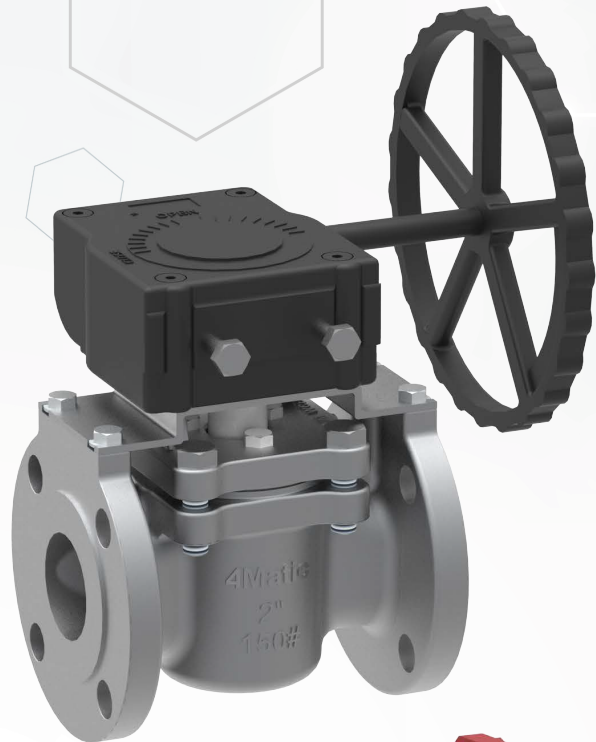


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PLUG VALVE

FEATURES & BENEFITS

DESIGN FEATURES

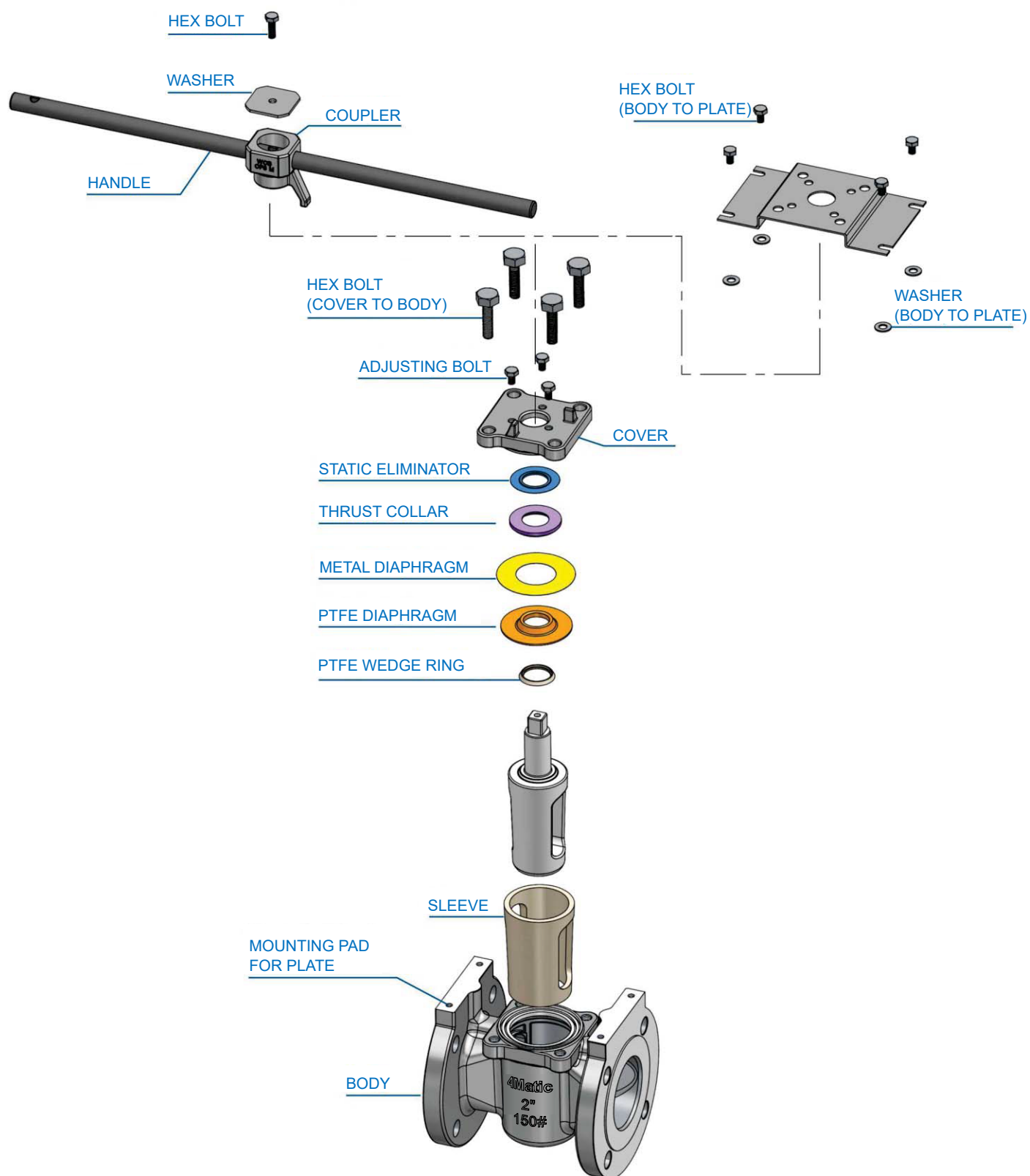
- POSITIVE SHUT OFF AND THROTTLING SERVICE
- TIGHT SHUT-OFF FOR LIQUIDS, GASES AND SLURRIES
(LEAKAGE RATE < 10-8 MBAR L/SEC)
- SUPERIOR, LONGER LASTING IN-LINE AND STEM SEALING SYSTEM
- VIRTUALLY MAINTENANCE- AND CAVITY-FREE, NO COSTLY LUBRICATION OR MAINTENANCE
 - NO ACCUMULATION OF PROCESS MEDIA
 - NO CONTAMINATION OF PROCESS MEDIA
- NO INTERNAL AND EXTERNAL LEAKAGE
- NO BODY CAVITIES EVEN FOR ADHERING AND CRYSTALLIZING PROCESS MEDIA
- EXTENDED LIFE TIME OVER TIME COMBINED WITH HIGH RELIABILITY
- COST EFFICIENT SOLUTION FOR VARIOUS APPLICATIONS
- REDUCED COST OF VALVE OWNERSHIP OVER TIME



SPECIFICATIONS

BODY	WCB / CF8 / CF8M
PLUG	CF8 / CF8M
SLEEVE	PTFE / CFT / GFT / TFM / RPTFE
PRESSURE	150 psi / 10 bar
TEMPERATURE	356° F / 180° C
DESIGN	API 599 / BS 5353
FACE TO FACE	AS PER MFG STD
INSPECTION	API 598 / EN 12266-1
LEAKAGE	ANSI CLASS VI

EXPLODED VIEW





TORQUE, Cv & TEST PRESSURE

TORQUE VALUES			
VALVE SIZE		150# & 300#	
INCH	MM	Nm	ft-lbs
1/2"	15	18	13.27
3/4"	20	18	13.27
1"	25	36	26.55
1 1/4"	32	46	33.93
1 1/2"	40	55	40.56
2"	50	114	84.08
2 1/2"	65	131	96.62
3"	80	162	119.48
4"	100	221	163
5"	125	295	217.58
6"	150	450	331.9
8"	200	750	553.17
10"	250	1400	1032.58
12"	300	1900	1401.37

FLOW CO - EFFICIENT*		
VALVE SIZE		PLUG VALVE Cv
INCH	MM	gal/min
1/2"	15	9
3/4"	20	14
1"	25	44
1 1/4"	32	66
1 1/2"	40	92
2"	50	175
2 1/2"	65	245
3"	80	290
4"	100	545
5"	125	650
6"	150	1070
8"	200	1580
10"	250	2165
12"	300	3159

*FLOW COEFFICIENT IS THE RATE OF FLOW WATER IN US GALLONS PER MINUTE THAT WILL GENERATE A PRESSURE DROP OF ONE POUND PER SQUARE INCH ACROSS THE VALVE.

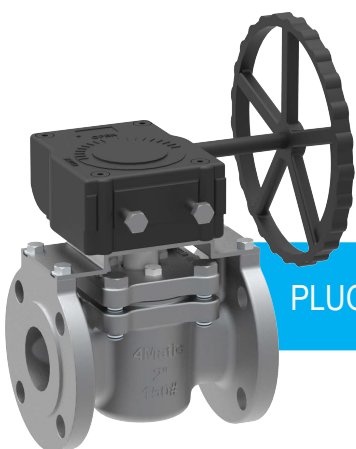
TEST PRESSURE - API 598		
PRESSURE RATING	HYDRO TEST PRESSURE	
	BODY	
	psi	bar
150#	425	29
300#	1135	78
600#	2205	152
800#	3000	207
900#	3315	228
1500#	5590	385
2500#	9285	640
TEST PRESSURE - BS EN 1266-1		
PN 10	220	15
PN 16	335	23
PN 25	570	39
PN 40	860	59
PN 64	1425	98

TEST PRESSURE - API 598		
PRESSURE RATING	HYDRO TEST PRESSURE	
	SEAT	
	psi	bar
150#	315	21
300#	825	57
600#	1640	113
800#	2150	148
900#	2425	167
1500#	4065	280
2500#	6803	469
TEST PRESSURE - BS EN 1266-1		
PN 10	160	11
PN 16	265	18
PN 25	395	27
PN 40	640	44
PN 64	1020	70

DESIGN OPTIONS

1

PLUG VALVE, PTFE SLEEVED, 2 WAY, NPT, 150#



PLUG VALVE, PTFE SLEEVED, 2 WAY, FLANGE, 150#

2

3

PLUG VALVE, PTFE SLEEVED, 2 WAY, FLANGE, 300#



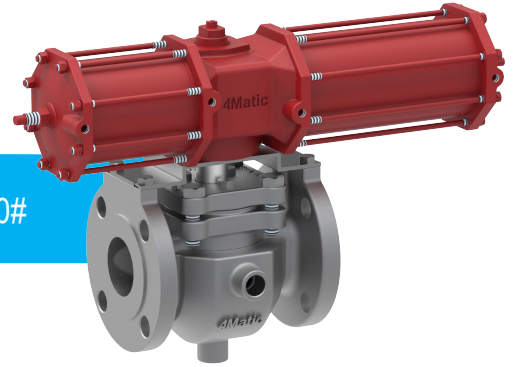
PLUG VALVE, JACKETED, PTFE SLEEVED, 2 WAY, NPT, 150#

4

DESIGN OPTIONS

5

PLUG VALVE, JACKETED, PTFE SLEEVED, 2 WAY, FLANGE, 150#

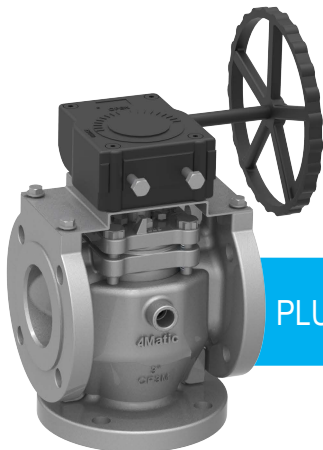


PLUG VALVE, JACKETED, PTFE SLEEVED, 2 WAY, FLANGE, 300#

6

7

PLUG VALVE, PTFE SLEEVED, 2 WAY, FLANGE, 300#



PLUG VALVE, JACKETED, PTFE SLEEVED, 3 WAY, FLANGE, 150#

8



MANUFACTURER



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