



## Pneumatic Actuated Wafer Butterfly Valve PN16 Rated

- 2" to 12"
- EPDM or NBR Liner Option
- Fits between Flanges PN 10/16, ANSI 150.
- Smooth and Reliable Operation
- 316 Disc and Shaft
- Namur Interface on Actuator

### Description

An industrial well proven general purpose wafer pattern butterfly valve, that's fitted to either a spring return or double acting pneumatically actuator. The valve has an Epoxy coated ductile iron body, stainless steel disc and shaft, with options of EPDM or BUNA (Nitrile) liners. The valve is suitable for fitting between PN16 flanges. The pneumatic actuator type HP is a quarter turn rack and pinion actuator and designed for process or industrial use. It has been sized with 30% safety factor and sized with a pilot pressure of 5.5 bar air. The actuator has Namur interfaces for both pilot solenoid valve and switchbox/sensors.

Typical Applications: Used for general purpose pumping and water applications.  
Easy to Maintain, Reliability - Robustness, High Duty cycle.

### LINER OPTIONS

EPDM to 130°C  
NBR to 110°C



### Description

A strong and efficient pneumatic actuated butterfly valve. Wafer pattern and suitable to fit in between flanges PN6/10/16, ANSI 150, Table D/E. Supplied with a choice of soft seat liners EPDM or NBR with stainless steel disc and shaft. The pneumatic actuator has interface for fitting solenoid and switchbox, it can be supplied in either double acting or spring return configuration. Actuator fitted with position indicator and end stops, manufactured from aluminium having a hard anodised finish, designed to the latest ISO/NAMUR standards and are ATEX approved.



### Beschreibung

Eine starke und effiziente pneumatisch betätigte Drosselklappe. Zwischenbauausführung und geeignet zwischen Flanschen passen PN6 / 10 / 16 ANSI 150, Tabelle D / E. Ausgestattet mit einer Auswahl an weichen Sitz Auskleidungen EPDM oder NBR mit Edelstahlscheibe und Welle. Der pneumatische Antrieb verfügt Schnittstelle für den Einbau Magnet und Schaltbox, kann es entweder doppelwirkend oder mit Federrück Konfiguration geliefert werden. Antrieb montiert mit Positionsanzeige und Anschläge, hergestellt aus Aluminium mit einer harten eloxiert mit, entworfen, um den neuesten ISO / NAMUR -Standards und sind ATEX zugelassen.



### Descripción

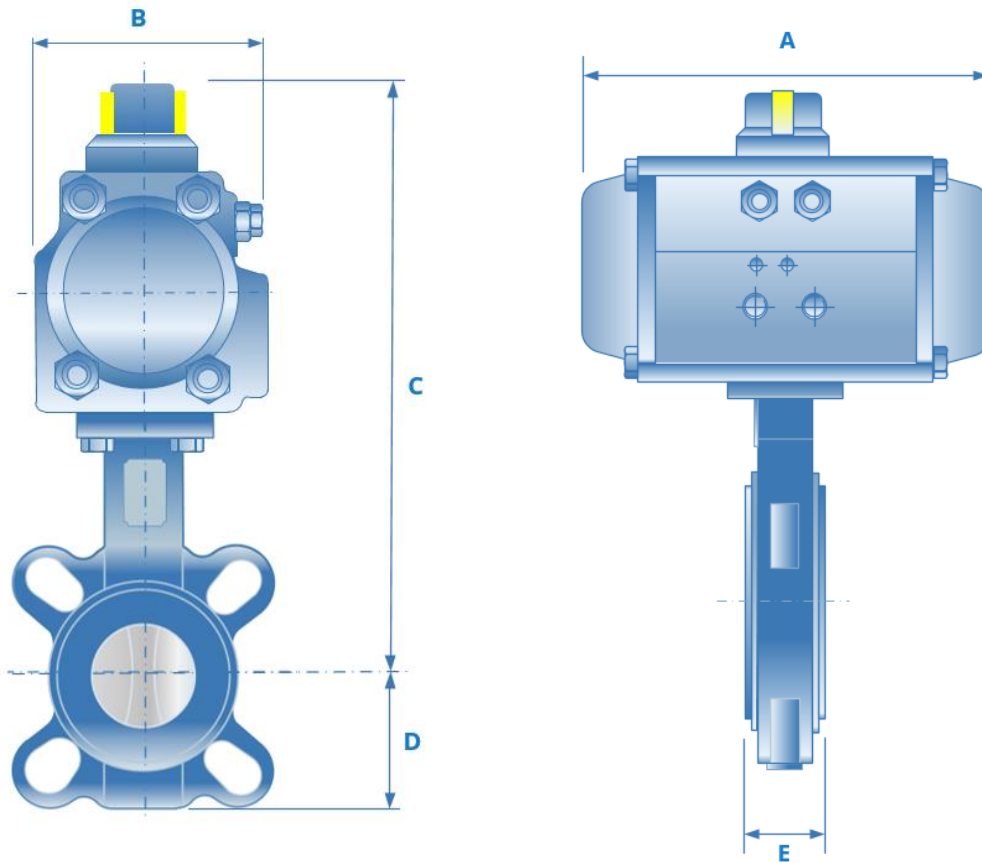
Un accionamiento neumático válvula de mariposa fuerte y eficiente. patrón de la oblea y adecuado para encajar entre las bridas PN 6 / 10 / 16, ANSI 150, Tabla D / E. Se suministra con una selección de revestimientos blandos de EPDM o NBR de seguridad con disco de acero inoxidable y el eje. El actuador neumático tiene una interfaz para el solenoide apropiado y caja de distribución, puede ser suministrado en cualquier configuración de doble efecto o de retorno por resorte. Actuador equipado con paradas indicador de posición y final, fabricado a partir de aluminio con un acabado anodizado duro, diseñada con las últimas normas ISO / NAMUR y están aprobados ATEX.



### Description

Un pneumatique actionné valve forte et efficace de papillon. motif Wafer et apte à insérer entre brides PN6 / 10 / 16, ANSI 150, Tableau D / E. Livré avec un choix de doux revêtements de siège EPDM ou NBR avec disque en acier inoxydable et de l'arbre. L' actionneur pneumatique possède une interface pour électroaimant montage et switchbox, il peut être fourni soit à double effet ou la configuration de retour du printemps. Actionneur équipé d' indicateur de position et de fin des arrêts, fabriqué à partir d' aluminium ayant un fini anodisé dur, conçu pour les dernières normes ISO / NAMUR et sont ATEX.

# PA5260



## SPRING RETURN - DIMENSIONS

VALVE	ACTUATOR	A	B	C	D	E
2" (50mm)	HP63S	163	85	233	63	43
2 1/2" (65MM)	HP66S	202	85	20	69	46
3" (80mm)	HP75S	210	96	274	78	46
4" (100mm)	HP88S	247	108	306	106	52
5" (125mm)	HP115S	268	123	329	115	56
6" (150mm)	HP115S	316	141	362	128	56
8" (200mm)	HP145S	414	172	447	160	60
10" (250mm)	HP180S	467	190	484	190	68
12" (300mm)	HP180S	497	206	551	235	78

PA5260 Series actuated butterfly valves are designed to meet the demanding needs of today's process flow requirements. Actuated valve packages are strictly inspected during assembly and each unit is 100% tested before delivery.

## DOUBLE ACTING - DIMENSIONS

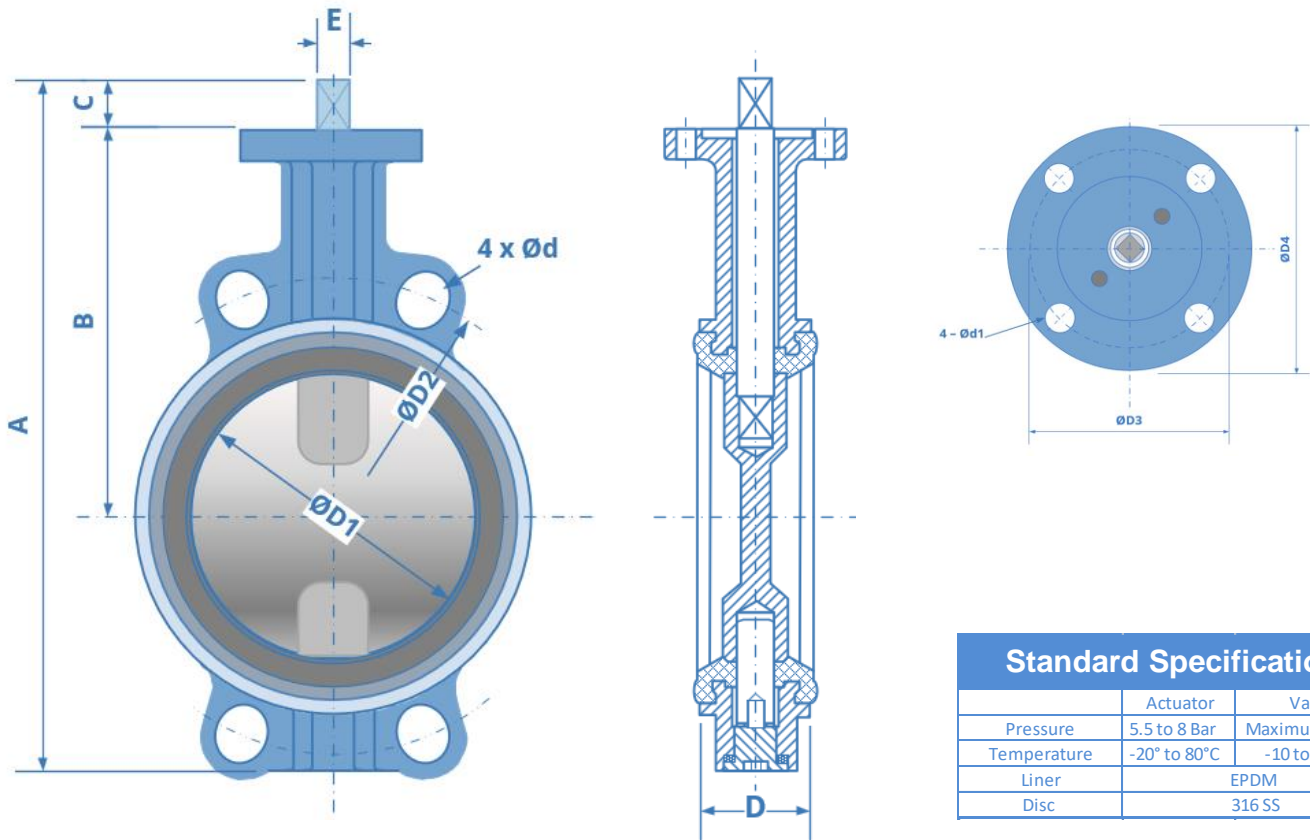
VALVE	ACTUATOR	A	B	C	D	E
2" (50mm)	HP50D	144	72	219	63	43
2 1/2" (65MM)	HP50D	144	72	226	69	46
3" (80mm)	HP63D	163	85	257	78	46
4" (100mm)	HP66D	202	85	277	106	52
5" (125mm)	HP88D	210	96	305	115	56
6" (150mm)	HP88D	247	108	332	128	56
8" (200mm)	HP115D	316	141	404	160	60
10" (250mm)	HP125D	347	151	437	190	68
12" (300mm)	HP145D	414	172	509	235	78

## Standard Specification

	Actuator	Valve
Pressure	5.5 to 8 Bar	Maximum 16 Bar
Temperature	-20° to 80°C	-10 to 120°C
Liner	EPDM or BUNA	
Disc/Shaft	316 SS	

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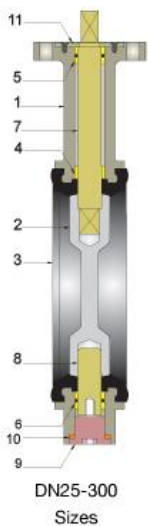
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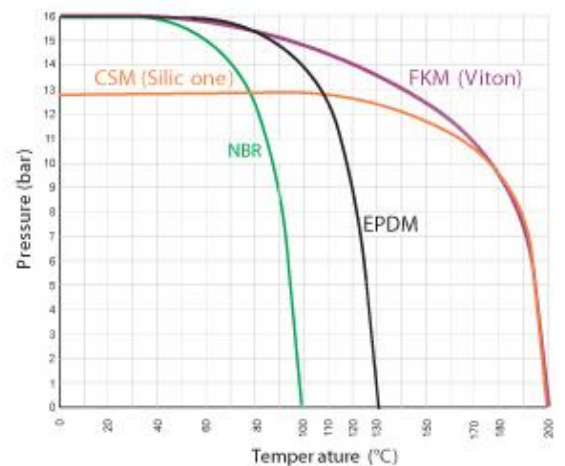
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	Actuator	Valve
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Disc	316 SS	

## DIMENSIONS

DN	A	B	C	E	D	4 x Ød	D1	D2	ØD3	ØD4	4-Ød1	Kg
50	205	126	16	9	43	18	50.8	125	50	65	7	2.1
65	218	133	16	9	46	18	65.1	145	50	65	7	2.5
80	244	150	16	9	46	18	78.8	160	50	65	7	3
100	295	170	19	11	52	18	102	180	70	90	10	4.8
125	321	181	25	14	56	18	125.1	210	70	90	10	6.6
150	349	196	25	14	56	22	150.1	240	70	90	10	7.5
200	428	238	30	17	60	22	199.8	295	102	125	12	13.8
250	487	258	39	22	68	26	248.3	355	102	125	12	21.2
300	574	300	39	22	78	26	298.3	410	102	125	12	31.5



Part No.	Name	Material
1	Body	Rilsan Coated GG25 Cast Iron
2	Disc	AISI316 Stainless Steel
3	Seat	EPDM (-30°C - +130°C)
		NBR (-20°C - +110°C)
4, 5, 6	Bushing	Bronze PTFE
7	Shaft up	Stainless steel
8	Shaft low	Stainless steel
9	Cap	Carbon Steel
10	O Ring	NBR (-20°C - +110°C)



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# PA5260

Rack & Pinion pneumatic actuators are specifically designed for use with quarter-turn valves. The wide torque range ensures that our actuators match the operational characteristics of plug, ball or butterfly valves; or any device requiring precise and reliable 90° rotary motion.

Our pneumatic actuators offer a unique design, are constructed of high quality material and undergo 100% pressure, leak and rotation testing before despatch.

The Result? An actuator, which will stand up to the most severe service conditions, and provide you with a reliable and cost effective means of valve operation.



## Technical - Actuator

Body material	Hard anodised extruded aluminium alloy
End Caps	Die cast aluminium epoxy coated
Spring	High tensile steel
Indicator	Open/Closed
Pinion shaft	Alloy steel nickle plated
Pinion Guides	Self Lubricating Polypropylene + GF
Piston seals	NBR steel
<b>Specification</b>	
Pressure range	10 Bar
Double acting	2.5 Bar - 8 Bar pilot pressure
Single acting	2.5 Bar - 8 Bar pilot pressure
Temperture range	minus 20°C - 80°C
Movement	90 Degree adjustable -5-+5 Degree
Lubrication	All moving parts are lubricated
Cycle Life	1,000,000 operations
Approvals	EX, ATEX, CE, PED

**SELECT YOUR  
PERFECT VALVE**



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