



**ACTUATED BUTTERFLY VALVE DATA SHEET "52"**  
**Valve Fig. W & L Series Actuated Valves – Automatic shut off valves & vent valves**

**VALVE DESCRIPTION**

RAZVALVE Butterfly Valves –  
WDS3-16 & LDS3-16  
WCSP & LCSP

Single-piece body, Soft Seated, as per our Data Sheet Nos. '50' and '51'. Size range – 50mm ~ 600mm.  
**AGA Certified Size Range:** 50mm, 65mm, 80mm, 100mm, 125mm, 150mm & 200mm.

**VALVE FIGURE NUMBERING DETAILS**

<b>W</b>	Wafer body (with locating lugs)
<b>L</b>	Lugged body
<b>D</b>	Ductile Iron A395 body / GGG40
<b>C</b>	Carbon Steel A216 WCB body
<b>S</b>	Stainless Steel CF8M disc
<b>3</b>	NBR Rubber seat
<b>P</b>	PTFE Seat
<b>16</b>	16bar rated

**ACTUATOR DETAILS – EA-SRXX/XX**

<b>EA</b>	EMICO Brand Pneumatic Actuators
<b>SR</b>	Single Acting Spring Actuators
<b>XX</b>	Actuator Model & Size e.g. 52, 63, 75, etc
<b>XX</b>	Number of Springs in Actuator e.g. /10 or /11, etc, depending on air supply pressure to actuator e.g. 5bar, 5.5bar, 6bar, etc.
<b>Mounting Adaption Material (body)</b>	Duraliminio, Steel, Stainless Steel Mounting, Adaptor & Bolting to suit Anodised Aluminium + Black powder polyester coating or Stainless Steel

**SOLENOID VALVE DETAILS 3/2-WAY - WITHOUT OVERRIDE**

<b>BURKERT</b>	Series 6519 NAMUR & 6518 Piped + QEV, IECEX Ex mb, Ex ia, General Purpose – various voltages e.g. 24V, 230V, 110V
<b>POWER-GENEX</b>	Series ESV-S NAMUR & Piped + QEV, IECEX, SIL3 Ex d – various voltages e.g. 24V, 220V, 110V
<b>Materials (body)</b>	Polyamide, Aluminium die-cast or Stainless Steel
<b>NOTES</b>	<b>See also LSB-7000 for Valve Position Monitor with built-in Solenoid valve</b> <b>The above solenoid brands &amp; models cannot be substituted.</b>



### VALVE POSITION MONITOR WITH BUILT-IN SOLENOID VALVE DETAILS - WITHOUT OVERRIDE

<b>POWER-GENEX</b>	LSB-7000 Series Series, IECEx, Ex d – various voltages e.g. 24V, 220V, 110V for built-in solenoid valve Mechanical Switches, P&F Sensors, Hermetically Sealed Proximity Sensors, Open/Close Beacon Indicators
<b>Materials (body)</b>	Aluminium die-cast or Stainless Steel

### VALVE POSITION MONITOR DETAILS - OPTIONAL

Limit Switch boxes with position proving and position indicating

<b>POWER-GENEX</b>	LSB-3000 Series Ex d, Ex ia, IECEx – Mechanical Switches, P&F Sensors, Hermetically Sealed Proximity Sensors, Open/Close Beacon Indicators <b>Note: see LSB-7000 for limit switch with built-in solenoid valve</b>
<b>ACHEM</b>	ALS-200M2 General Purpose, ALS-200M2PP Exia, ALS-400M2 Ex d, IECEx & SIL, ALS-500M2 Ex d, IECEx & SIL, ALS-500PP22 Exd with P&F Inductive Sensors, Open/Close Beacon Indicators
<b>Materials (body)</b>	Aluminium die-cast + Black polyester powder coating or Stainless Steel
<b>NOTE</b>	<b>Packages can also be supplied without Position Limit Switches if the end users application does not require them. When switches are included in the package, only the above brands &amp; models can be used.</b>

### AIR FILTER REGULATOR & GAUGE - OPTIONAL, AT CLIENTS REQUEST

**SHAKO / NORGREN / SMC** Air Filter Regulator & Gauge, Aluminium, Stainless Steel, etc

### AIR RELIEF VALVE - OPTIONAL, AT CLIENTS REQUEST

**SWAGELOK / NORGREN / SMC** Air Pressure Relief Valve, Stainless Steel, Acetal, etc

### TESTING DETAILS

<b>TYPE OF COMPONENT</b>	Class 1 Automatic Shut-off Valves and Vent Valves
<b>AUSTRALIAN STANDARD</b>	AS 4629 – 2005 (Amdt. 1 & 2) - automatic shut off valves & vent valves.
<b>AGA CERTIFICATE NO.</b>	<b>9021 G</b>
<b>TAGGING</b>	Stamp the allocated Serial Number with relevant data, Record, and hang AGA-approved metal tag to each tested package
<b>CERTIFICATE</b>	Razvalve Pacific to issue an FTR (Actuated Valve Function & Performance Test Report) if requested by the customer
<b>RECORDS</b>	Maintain excel spread-sheet records for all assembled valve packages built and supplied. Details to include Serial Number, Customer Name, PO Number, date, etc.