SDX V
SPRAY DRYING NOZZLE

DELAVAN SPRAY DRYING NOZZLES - TAKING OUR TECHNICAL LEADERSHIP ONE STEP FURTHER

FEATURES & BENEFITS

* Wear parts are positively retained during assembly
* Compatible with current SDX range
* New internal design reduces pressure loss through the nozzle
* Smaller and lighter compact design which is more durable, easy to clean and can be Rapidly stripped down and reassembled
* No wrenches or tools are required to install the nozzle
* Minimal friction due to nozzle design permitting 10-20% lower operating pressure than conventional slotted distributor nozzle for equivalent atomisation quality
* Extended pump life due to lower operating pressure

SDX V PAT PENDING

THE LATEST VERSION OF THE WORLD’S LEADING SIMPLEX SPRAY-DRYING NOZZLE, USING THE ORIGINAL, FREE-VORTEX SWIRL CHAMBER FROM DELAVAN, THE COMPANY THAT INVENTED IT.

SPRAY CHARACTERISTICS

* The nozzle produces a hollow cone spray pattern with uniform particle size distribution even at low operating pressure
* Reduction in fine particles is possible due to lower pressure requirements
* Flow rates are certified to be within +/-5% of rated capacity at 65 Bar G and within +/-5% of rated spray angle when tested with water
* Unique, patented single inlet spiral swirl chamber offers increased nozzle life, improved product uniformity, density or solubility

CONSTRUCTION AND MATERIALS

* 5 piece construction with ‘O’ ring seals
* Nozzle body and adaptors are available in 316 Stainless Steel
* Wear parts are in tungsten carbide
* O-rings are in Silicone or Viton
* O-ring seals allow assembly and disassembly without tools

ORDER EXAMPLE

Please indicate all component parts and materials when ordering. Please see order sheet.

OVERALL NOZZLE DIMENSIONS

Contact our Helpline for any special requirements: Tel: +44 (0) 151 424 6821 Fax: +44 (0) 151 495 1043
E-mail: sales @delavan.co.uk Web: www.delavan.co.uk
or your local distributor