

New Product Launches



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Eco Park, Rajarhat, Kolkata, India

Company Name	SRB INTERNATIONAL PVT LTD
Stall Number	R-257 Red Hall
1 Product Name	HYDRAULIC PUMPS FOR METALLURGICAL EQUIPMENT VARIABLE DISPLACEMENT BENT AXIS & SWASH PLATE PUMP
Product Specifications	<p>313 SERIES VARIABLE DISPLACEMENT BENT AXIS PUMP Working displacement: 12, 28, 55, 56, 80, 107, 112, 160, 250 cc/rev Mounting dimensions: as per DIN / ISO. Max. operating pressure: continuous – 350 bar peak – 400 bar Design: - axial piston variable displacement pump, bent-axis design; - cylinder block bent-axis angle 25°-28°; - bimetal steel cylinder block. Types of regulators: - proportional; - Load sensing (LS); - constant pressure; - constant power; - operating from external action.</p> <p>415 SERIES SWASH PLATE PUMP, OPEN CIRCUIT DESIGN Working displacement: 250 cc/rev. Design: - axial piston variable displacement pump, swashplate design; - mounting flange: Ø224 mm, 4 holes as per ISO 3019-2 (metric); - rotation direction: clockwise, counter clockwise. Shaft version: - keyed – AS18x11x100 as per DIN 6885 - splined – W60x2x28x9g as per DIN 5480 Options: - tandem installation of auxiliary axial piston, gear or radial piston pump. Types of regulators: - DR - DRG - LR2S</p>

Product Pictures



313



415

**Brief about the product
(maximum 100 words)**

PSM-Hydraulics products are analogous to the world leading hydraulics by Bosch Rexroth, Sauer Danfoss, Linde, Parker, Eaton, Sunfab, Aber, OMF, David Brown Hydraulics etc. in terms of technical characteristics and operational reliability.

313 SERIES VARIABLE DISPLACEMENT BENT AXIS PUMP



Application: Electrothermal Equipment, Ore Thermal Furnace, Hydraulic Press, Electrode Coating Press, Cast Iron Line, Rolling Mill, Bunching Press

Analogues: A7V, A7VO, A10VO, A11VO (Bosch Rexroth) H1V (Sam Hydraulic) PVE(Vickers)

415 SERIES SWASH PLATE PUMP, OPEN CIRCUIT DESIGN

Application: Swashplate hydraulic pumps 415.0.250 series are intended for industrial use in metallurgical equipment, Rolling Mills, hydraulic press, Press Shear

Analogues: **415.0.250:** A4VSO250 (Bosch Rexroth) 42R(L) (Sauer Danfoss), **415.0.260:** A11VLO 260 (Bosch Rexroth), **415.0.85 :** A10VNO85 DRF (Bosch Rexroth)

<p>2 Product Name</p>	<p>HYDRAULIC PUMPS FOR MOTORS AND MINING EQUIPMENT VARIABLE DISPLACEMENT BENT AXIS & SWASH PLATE PUMP</p>
<p>Product Specifications</p>	<p><u>310 SERIES FIXED DISPLACEMENT BENT AXIS PUMPS</u> Working displacement: 12, 28, 56, 80, 112, 160, 250 cc/rev Mounting dimensions: as per DIN / ISO. Max. operating pressure: continuous – 350 bar peak – 400 bar Design: - axial piston fixed displacement pump, bent-axis design; - cylinder block bent-axis angle 25°-28°; - bimetal steel cylinder block; - available in cast iron or aluminium housings</p> <p><u>416 SERIES VARIABLE DISPLACEMENT SWASH PLATE PUMP, CLOSED CIRCUIT DESIGN</u> Working displacement: 28, 71, 90, 110, 112, 125 cc/rev Design: - - axial piston variable displacement pump, swashplate design; - swashplate inclination angle 20°; - bimetal steel cylinder block. Types of control: - servo proportional; - hydraulic proportional; - electric proportional; - electric discrete. Options: - tandem: 15 versions; - filtration.</p>
<p>Product Pictures</p>	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>416</p> </div> <div style="text-align: center;">  <p>310</p> </div> </div>
<p>Brief about the product (maximum 100 words)</p>	<p>PSM-Hydraulics products are analogous to the world leading hydraulics by Bosch Rexroth, Sauer Danfoss, Linde, Parker, Eaton, Sunfab, Aber, OMFB, David Brown Hydraulics etc.</p> <p><u>310 SERIES FIXED DISPLACEMENT BENT AXIS PUMPS</u> Application: mobile cranes, drilling rigs, Excavators, Mining Machineries hydraulic manipulators. Pumps are intended for operation in stationary units and mobile machines. Analogues: A2F, A2FO (Bosch Rexroth), F11, F12 (Parker), H1C (Sam Hydraulic), SCP (Sunfab), BI (Aber)</p> <p><u>416 SERIES VARIABLE DISPLACEMENT SWASH PLATE PUMP, CLOSED CIRCUIT DESIGN</u> Application: harvesters, road rollers, concrete mixers Pumps are intended for operation in closed circuits of stationary units and mobile machines. Analogues: A4VG, A4VTG (Bosch Rexroth) 42R(L), 90R(L), SPV22/23/24 (Sauer Danfoss)</p>