



Array Hydraulics is a specialist in providing fluid power components and accessories; we have been providing services to the industry for over 30 years.

Our core objective is to offer customers innovative hydraulic & pneumatic solution/components at affordable cost by sourcing them from leading companies around the globe. We are a one stop shop for all your Fluid power component needs. Our product offering starts from all kind of Hydraulic Pumps, Hoses & Tube assemblies, Standard Hydraulic cylinders, Hydraulic Fittings, Hose Guard, Hydraulic suction & return filters, Offline filter, Hydraulic valves and all the other relevant Hydraulic & pneumatic accessories.

We bring a world of technology to your backyard by offering the right products for your applications. Together with the manufacturers we represent, we offer and deliver superior customer service, competitive pricing, and innovative solutions for all of your fluid power systems and components needs.

We provide products to you from the following OEMS



Rubber Hoses - Hydraulic SAE100R1, SAE100R2, SAE100R3, SAE100R6, EN 856-4SP, EN 856-4SH, EN856 R13, Coke Injection Hose, Steam Hose, CNG Hose, Carbon Free Hose

Thermoplastic Hoses - SAE100R7, SAE100R8, Hydraulic Hose, Grease Hose, Paint Spray Hose, Jack Hose, Micro Bore Hose

Industrial Hoses - Welding Hose, Rock Drill Hose, Air & Water Hose, Silicone Hose, Non-Toxic Food Grade Hose

PTFE Hoses - R14 (PTFE Plain Tube) Hose, Convuluted PTFE Hose

Large Bore Hoses - Water Suction & Discharge, Oil Suction & Discharge, Bulk Material Suction & Discharge



Polyhose®
Providing Flexible Solutions Globally

Parker

Gates®

Tube Coupling Parts

1. Tube to Tube Couplings
2. Tube to Male Stud BSP
3. Tube to Male Stud Elastomeric BSP
4. Bulkhead Coupling
5. Swivel Coupling
6. Banjo Coupling
7. Gauge Adaptor
8. Plug BSP
9. Hose Adaptors



Flanges

1. Buttweld Flanges
2. Socketweld Flanges
3. Blind Flanges

Valves

1. Shutoff Valves
2. Needle Valves
3. Check Valves
4. Throttle Valves
5. Gauge Isolator Valves
6. Accumulator Safety Block
7. Quick Disconnect Coupling



Diagnostic

1. Diagnostic Coupling / Connector





Quick Release Couplings

One way Shutoff Couplings | Two way Shutoff Couplings | Straight Through Couplings | Gas Couplings



A Trilogy of Tube Fittings Solutions

Walterscheid Metric Tube Fittings



WALPro

WALRing

WALFORMplus

Hoses

Hydraulic Rubber Hoses | Synflex Thermoplastic Hoses





Filters

1. Inline Spin on Filters - IFR2, IFR3, IFR4
2. Tank Top Spin on Filter - TFR3
3. Tank Top Cartridge Filters - TIF2, TIFP, FIF, RPF, SPF, JFR1
4. Tank Top Heavy Duty Filter - CFR
5. Inline Heavy Duty - HFR

Level Gauges

1. Steel - LG2 (also available with temperature readings)
2. Aluminium - LG6 (also available with temperature readings)
3. Sight Glass Steel / Aluminium - SGA/S
4. Sight Glass Plastic - SGP

Strainers

1. Inline Steel Nut - SC2
2. Inline Aluminium Nut - SC3
3. Inline Plastic Nut - SE
4. Tank Mounted Aluminium Nut - TMA
5. Tank Mounted Mild Steel Nut - TMS

Breathers

1. Flange Type - FSB, ABF
2. Push on Type - PB
3. Weld Type - FSBW
4. Threaded Type - TB, ABT, ABP
5. Spin on Type - AB, AB2

Valves

1. Inline Check Valve - CUT
2. Lock Check Valve Single - SLVT
3. Lock Check Valve Double - DLVT

Accessories

1. Inline Diffuser - RD3
2. Magnetic Tank Cleaner - MT
3. Weld Flanges MS & SS - TWF
4. Grommet (Rubber Bushings) - GMT

HYDAX

GEAR COUPLINGS



Applications - Agricultural Machineries, Industrial Vehicles, Construction and Mining Equipment, Truck Cranes, Construction Machineries and Forklifts



ELECTROHYDRAULIC COMPONENTS

Atos is a leading manufacturer of Components & Systems in Electrohydraulics: the advanced technology that integrates hydraulics with electronics to improve the performances of modern machinery

Hydraulic Pumps
Pressure – Flow & Check Valves
Modular Valves
On-Off Directional Controls
Proportional Valves
Cartridge Valves





Hand Pumps

Oil Tank Capacity 250 cc to 8.5 Ltrs, Working Pressure upto 1000 Bar

Radial Piston Pumps

Radial Piston Pump arrangements with 2, 3, 5 & 7 Pumping Elements, Capacity 1 lpm to 25 lpm, Working Pressure upto 550 Bar

Pressure Controls

1. Pressure Relief Valves
2. Pressure Reducing Valves
3. Pressure Control Valves
4. Pressure Sequence Valves
5. Pressure Control Modules
6. Counter Balance Valves

Flow Controls

1. Pressure Compensated Flow Control Valves
2. Flow Divider
3. Throttle Check Valves

Check Valves

1. Inline Check Valves
2. Check Valve - Screw in Cartridges
3. Pilot Optd. Check Valves
4. Shuttle Valves
5. Prefill Valves

Logic Cartridges

Direction Control Valves

1. Hand Lever Operated
2. Solenoid Operated
3. Hydraulically Operated

Performance Data - Pressures quoted are relief valve maximum by-pass I Performance with SAE 20W oil at 50°C



0P - P 3000 Series

PUMP TYPE	DISPLACEMENT	DELIVERY @1500 RPM & PRESSURE P		MAXIMUM CONTINUOUS PRESSURE P		SPEED AT MAXIMUM CONTINUOUS PRESSURE P	
	cc/rev	MIN lpm	MAX lpm	psi	bar	MAX	MIN
3003	1.27	1.0	1.9	3000	207	4000	700
3004	1.67	1.6	2.5	3000	207	4000	700
3006	2.2	2.3	3.3	3000	207	4000	700
3008	2.87	3.2	4.3	3000	207	4000	700
3011	3.8	4.5	5.7	3000	207	4000	700
3013	4.47	5.5	6.7	3000	207	4000	700
3015	5.13	6.4	7.7	3000	207	4000	700



1P - P 3000 Series

PUMP TYPE	DISPLACEMENT	DELIVERY @1500 RPM & PRESSURE P		MAXIMUM CONTINUOUS PRESSURE P		SPEED AT MAXIMUM CONTINUOUS PRESSURE P	
	cc/rev	MIN lpm	MAX lpm	psi	bar	MAX	MIN
3017	6.1	7.8	9.2	3000	207	3500	700
3020	7	8.9	10.5	3000	207	3500	700
3028	9.4	12.2	14.2	3000	207	3500	700
3036	11.9	15.7	17.85	3000	207	3500	700
3044	14.3	18.9	21.5	3000	207	3500	700
3052	16.8	22.9	25.2	3000	207	3500	700
3060	19.2	26.5	28.8	3000	207	3500	700
3072	22.8	31.5	34.3	2525	174	3000	700
3090	28.1	38.8	42.2	2000	138	2400	700



2P - P 3000 Series

PUMP TYPE	DISPLACEMENT	DELIVERY @1500 RPM & PRESSURE P		MAXIMUM CONTINUOUS PRESSURE P		SPEED AT MAXIMUM CONTINUOUS PRESSURE P	
	cc/rev	MIN (lpm)	MAX (lpm)	psi	bar	MAX	MIN
3050	16.67	21.8	25	3000	207	3000	700
3070	22.73	30.7	34	3000	207	3000	700
3090	28.79	39.4	43.2	3000	207	3000	700
3105	33.34	45.8	50	3000	207	3000	700
3120	37.88	52.3	56.8	3000	207	3000	700
3146	45.46	63.8	68.2	2525	174	2500	700
3158	49.40	68.9	74.1	2525	174	2500	700
3220	68.8	96	103.2	2000	138	2500	700



3P - P 3000 Series

PUMP TYPE	DISPLACEMENT	DELIVERY @1500 RPM & PRESSURE P		MAXIMUM CONTINUOUS PRESSURE P		SPEED AT MAXIMUM CONTINUOUS PRESSURE P	
	cc/rev	MIN (lpm)	MAX (lpm)	psi	bar	MAX	MIN
3150	47.07	65.3	70.6	3000	207	2500	700
3180	56.17	78.2	84.2	3000	207	2500	700
3210	65.23	91.7	97.8	3000	207	2500	700
3250	77.15	109.0	115.7	3000	207	2500	700
3300	92.03	130.6	138.0	2525	174	2500	700
3330	101.71	144	152.6	2300	159	2500	700
3380	116.78	166.1	175.2	2000	138	2500	700
3500	153.66	217.9	230.5	1500	100	2500	700





Pumps

Piston Pump, Vane Pump, Gear Pumps

Valves

Pressure Control Valves, Modular Valves, Flow Control Valves, Directional Control Valves, Proportional Valves



Rexroth Bosch Group

Pumps - Gear Pump, Vane Pump, Axial Piston Pump
Directional Control Valves
Proportional / Servo Valves
Flow Control Valves
Pressure Valves



Vane Pumps, Axial Piston Pumps, Vane Motors, Pressure Control Valves, Flow Control Valves, Check Valves, Directional Control Valves, Hydraulic Cylinders and Pneumatics





CLAMPS

Available in PP - Polypropylene

PA - Polyamide

AL - Aluminium

Comes in Single / Twin (Horizontal & Vertical)



INDUSTRIAL GAUGES

Our Industrial Gauges are available in dial sizes of 63 mm and 100 mm with either Stainless Steel or Brass wetted parts and cover ranges from vacuum upto 1600 bar. Accuracy ranges from 1.6% to 1.0% F.S.

INDUSTRIAL TRANSMITTERS

Our Industrial Pressure Transmitter and submersible level transmitters available with accuracy from 0.5% to 0.1%. Ranges vary from 100mbar upto 1000 bar including Gauge, Vacuum, Compound & Absolute Ranges. Output options include Current or Voltage Output Signals.



ACCUMULATORS

High Pressure Bladder Accumulators, Diaphragm Accumulators, Piston Accumulators, Silicone Accumulators, Stainless Steel Accumulators, Hydracushions, Pulsation Dampers

COOLERS

Air, Oil, Water Coolers, Heat Exchangers, Plate Heat Exchangers, Air Blast Coolers, Oil Filters, Screw Pumps, Water Valves





Pneumatic fittings

1. One Touch Fittings
2. Tubes & Accessories
3. Vacuum Generators
4. Air blow guns
5. Air nozzles
6. Flow control valves
7. Silencers

Pneumatic components

1. Air Cylinders
2. Directional Control Valves
3. Air Line Valves
4. Air Preparation Units
5. Air Preparation Units NPT
6. Directional Control Valves NPT





Dairy & Pharma fittings

SMS & Weldable union

SMS liner

SMS blind nut

TC clamps

TC bends, TC tee, TC Reducer, TC U-bend, TC 4-way

Dairy & Pharma Valves

3 Way Valve

2 Way Valve

Tanker Valve

Union ball valve

Butterfly valve with union

Butterfly valve weldable

TC ball valve

TC butterfly valve

Micro Valve

NRV with union

Sight Glass



Dairy & Pharma Filters & accessories

Disc Filter

In-Line filter

Spray ball with union

Spray ball weldable

Rotating spray ball

Camlock Coupling

Tube expander

Foot Valve

Float Valve

Quick release coupling

Safety valve



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