

Product Management, Industrial Components DCUS Contact Partners

















To our valued customers,

The Product Management team for Industrial Components is a capable technical resource to support product-oriented sales activities.

To assist in identification of the proper contact-partner for inquiries, we are pleased to present the members of our team, and their associated product disciplines.

Together, we can offer our mutual customers best-in-class product sales support.

Thank you,

Jon Frey

Jon Frey

Director Product Management Industrial Sectors





For information on Rexroth Hydraulic *GoTo* products, visit www.boschrexroth-us.com/gotohydraulics



For information on the Authorized Rexroth Hydraulic distributor near you, visit www.boschrexroth-us.com/salesnetwork

Our Mission

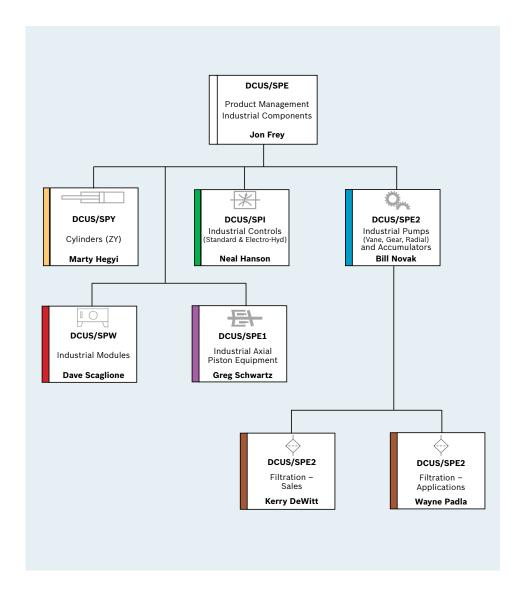
Sales Product Management, Machinery Engineering (DCUS/SPE) is a team providing product selection guidance and technical support to enable our customers to focus upon their core strengths, resulting in an improved competitive advantage.

Contacting our skilled and motivated associates initiates the experience toward customer satisfaction and retention, creating a beneficial reliance upon our products and services.

Our Vision

To continually increase market share and value of the Bosch Rexroth Hydraulic portfolio by applying our knowledge, innovation, development resources and experience toward product solutions, permitting our customers to focus upon their pursuit of innovation, profit and growth.

Our Organization



DCUS/SPI Product Management Industrial Components

Director DCUS/SPE



Jon Frey [

Director

Product Management

Industrial Sectors

Assistant

Phone: (610) 694-8246

Location: Bethlehem, Pennsylvania jon.frey@boschrexroth-us.com



Donna Schuessler Administrative

Phone: (610) 694-8501

Location: Bethlehem, Pennsylvania donna.schuessler@boschrexroth-us.com



DCUS/SPY Cylinders (ZY)





Marty Product Phone: (610) 694-8205

Hegyi Manager Location: Bethlehem, Pennsylvania Cylinders (ZY) martin.hegyi@boschrexroth-us.com

Product Management for the sale, support, and focus on Hydraulic Cylinders (NFPA/ISO and Mill Type), including servo/positioning cylinders. Assistance in the quotation, definition, and modifications possible within the Hydraulic Cylinder Program.



Rudy Grasha Product Specialist - Senior Phone: (219) 508-4986 Location: Valparaiso, Indiana

- Senior rudy.grasha@boschrexroth-us.com
Cylinders (ZY)

Regional Product Support for the sale, quotation, modification, and technical assistance in the Great Lakes and Southwest Regions.



Dan Rosinski Product Specialist Cylinders (ZY) Phone: (262) 598-2439 Location: Racine, Wisconsin

daniel.rosinski@boschrexroth-us.com

Regional Product Support for the sale, quotation, modification, and technical assistance in the Central and Western Regions.



Roberto Carrizo

Product Specialist Cylinders (ZY) Phone: (610) 694-8466

Location: Bethlehem, Pennsylvania roberto.carrizo@boschrexroth-us.com

Regional Product Support for the sale, quotation, modification, and technical assistance in the Northeast Region, Southeast Region, and Bosch Rexroth Canada.



DCUS/SPI Industrial Controls (Standard and Electro-Hydraulic)









Neal Hanson Product
Manager
Industrial Controls

Phone: (610) 694-8331

Location: Bethlehem, Pennsylvania neal.hanson@boschrexroth-us.com

Product Management for the sale, support, and focus on Industrial Controls Hydraulic Portfolio: directional, flow, pressure, check, DIN cavity, sandwich/module valves in both standard or proportional configurations. Also, servo valves, amplifiers, controllers, and electrohydraulic (SY.DFE) pumps.



Dan Kovalovsky Product Specialist Industrial Controls Electro-Hyd

Phone: (610) 694-8274

Location: Bethlehem, Pennsylvania dan.kovalovsky@boschrexroth-us.com

Product Support for the Industrial Electro-Hydraulic Program, including directional, flow, pressure, servo valves and catalogue amplifiers/controllers.



Kris Gasker Product
Specialist
Industrial Controls
Electro-Hyd

Phone: (610) 694-8564

Location: Bethlehem, Pennsylvania kris.gasker@boschrexroth-us.com

Product Support for the Industrial Electro-Hydraulic Program, including directional, flow, pressure, servo valves and catalogue amplifiers/controllers.



Rick Jones

Product Specialist Industrial Controls

Standard

Phone: (610) 694-8472

Location: Bethlehem, Pennsylvania rick.jones@boschrexroth-us.com

Product Support for the Industrial Standard Hydraulic Program, including flow, pressure, directional, check, DIN cavity, and sandwich/module products.



Duane Woolley Product Specialist Industrial Controls Standard

Phone: (610) 954-8649

Location: Bethlehem, Pennsylvania duane.woolley@boschrexroth-us.com

Product Support for the Industrial Standard Hydraulic Program, including flow, pressure, directional, check, DIN cavity, and sandwich/module products.





DCUS/SPW Industrial Modules







DaveProductPhone: (610) 694-8524ScaglioneManagerLocation: Bethlehem, Popular

Manager Location: Bethlehem, Pennsylvania
Industrial Modules david.scaglione@boschrexroth-us.com

Product Management for the sale, support, and focus on Hydraulic Industrial Modules, including power packs, coolers, pump/motor groups, bar manifolds, and standard catalogue manifold programs. Assistance in the quotation, definition, and scope of supply for custom manifolds in conjunction with a supplied schematic and BOM. Cooperation with Application Centers often engaged.



Mike Product Phone: (610) 694-8353

Engineer Location: Bethlehem, Pennsylvania michael.halwick@boschrexroth-us.com

Product Support for Hydraulic Industrial Modules. Assistance with quotation, definition, and scope of supply with catalogue product or supplied schematic and BOM.



Robert Product Phone: (610) 694-8268

Krug Engineer Location: Bethlehem, Pennsylvania robert.krug@boschrexroth-us.com

Product Support for Hydraulic Industrial Modules. Assistance with quotation, definition, and scope of supply with catalogue product or supplied schematic and BOM.

Pat Cronk

Halwick

Sales Specialist Industrial Modules Phone: (610) 694-8416

Location: Bethlehem, Pennsylvania patricia.cronk@boschrexroth-us.com

Product Support for Hydraulic Industrial Modules. Assistance with quotation of repeat and legacy supplied manifold products.



DCUS/SPE* Filtration Systems

Padla

DeWitt





Wayne Product Phone: (610) 694-8332

> Location: Bethlehem, Pennsylvania Manager Filtration Systemswayne.padla@boschrexroth-us.com

Applications

Product Management for technical support and focus upon Application of the Bosch Rexroth Filtration Systems (DCFS) portfolio, including focus upon the support for Bosch Rexroth filtration on power units manufactured by Bosch Rexroth and in the field.



Kerry Product Phone: (610) 694-8598

Manager Location: Bethlehem, Pennsylvania kerry.dewitt@boschrexroth-us.com Filtration Systems-

Product Management for the technical support and focus upon Sales of the Bosch Rexroth Filtration Systems (DCFS) portfolio, including promotional activities, key account & customer visitation, market data collection and reporting of same to manufacturing facilities.









DCUS/SPE2 Industrial Pumps and Accumulators











Bill Novak Product Manager

Industrial Pumps and Accumulators (Vane, Gear, Radial Pumps, & Accumulators Product Support) Phone: (610) 694-8336

Location: Bethlehem, Pennsylvania bill.novak@boschrexroth-us.com

Product Management for the sale, support, and focus on Hydraulic Industrial Pumps, including gear, vane, and radial piston, and the Hydraulic Accumulator Program, including bladder and diaphragm and their accessories.



Ken Torres

Product Specialist

Industrial Pumps and Accumulators (Vane, Gear, Radial Pumps, & Accumulators Product Support) Phone: (262) 598-2415 Location: Racine, Wisconsin

kenneth.torres@boschrexroth-us.com

Product Support for Hydraulic Industrial Pump and Accumulator Products.



DCUS/SPE1 Industrial Axial Piston Equipment











Greg Schwartz Product
Manager
Industrial Axial
Piston Equipment

Phone: (610) 694-8294

Location: Bethlehem, Pennsylvania greg.schwartz@boschrexroth-us.com

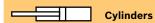
Product Management for the sale, support, and focus on Industrial Axial Piston Product. Scope includes axial piston products (pumps and motors) as applied into industrial applications. Assistance with definition, specification, and modification requirements for axial product in the Industrial Market.



Zoya Flaska Sales Specialist Industrial Axial Piston Equipment Phone: (610) 694-8577

Location: Bethlehem, Pennsylvania zoya.flaska@boschrexroth-us.com

Product Support for the Industrial Axial Piston Program. Technical support for axial piston product in the Industrial Market.





Description	Model	Size
Cylinders		
Hydraulic Cylinder, Tie Rod Type	CDT1/CGT1	1" - 8"
Hydraulic Cylinder, Tie Rod Type	CDT3/CGT3	25 mm – 200 mm
Hydraulic Cylinder, Tie Rod Type	CST3	40 mm – 200 mm
Hydraulic Cylinder, Tie Rod Type	CDT4/CGT4	1-1/2" - 12"
Hydraulic Cylinder, Tie Rod Type	CST4	1-1/2" – 6"
Hydraulic Cylinder, Tie Rod Type	PH	1-1/2" – 12"
Hydraulic Cylinder, Tie Rod Type	НН	1-1/2" – 12"
Hydraulic Cylinder, Tie Rod Type	CD70/CG70	25 mm – 200 mm
Hydraulic Cylinder, Tie Rod Type	CD210/CG210	40 mm – 200 mm
Hydraulic Cylinder, Mill Type	CDL1	25 mm – 200 mm
Hydraulic Cylinder, Mill Type	CDM1/CGM1/CSM1	25 mm – 200 mm
Hydraulic Cylinder, Mill Type	CDH1/CGH1/CSH1	40 mm – 320 mm
Hydraulic Cylinder, Mill Type	CDH2/CGH2/CSH2	50 mm – 320 mm
Hydraulic Cylinder, Mill Type	CDH3/CGH3/CSH3	40 mm – 320 mm



Check Valves



Description	Model	Size	
Check Valves			
Threaded check valve	S	6 to 30	
Manifold inserted check valve	M-SR	6 to 30	
Sandwich check valve	Z1S	6, 10	
Pilot operated check valve	SV/SL	6 to 30	
Sandwich pilot operated check valve	Z2S	6 to 22	
Sandwich pilot operated check valve	Z2SRK	6, 10	
Sandwich prefill valve	ZSF & ZSFW	32 to 160	
Prefill valve	SFA	25 to 80	
Prefill valve	SF	125 to 500	
Prefill valve, active	SFS	200 to 300	



Directional Control Valves



Description	Model	Size
Directional Control Valves		
Logic: 2-way cartridge valve cartridge and cover	LC, LFA	16 to 160
Active logic: 2-way active cartridge valve	LC2A	16 to 100
Poppet Valve - 4/2, 3/2, 2/2 directional with wet pin solenoid	M-4SED, M-3SED, M-2SED	6, 10
Poppet Valve - 4/2, 3/2, 2/2 directional with air gap solenoid	M-4SEW, M-3SEW, M-2SEW	6, 10
Poppet Valve - 4/3, 4/3, 3/2 directional with solenoids	4SEC, 3SEC, 2SEC	6
Directional valve with solenoid actuation	4WE, 3WE, 2WE	4, 6, 10
Directional valve with solenoids, switching time adjustment	5-4WE10, 5-3WE10	10
Directional valve with hydraulic actuation	4WH, 4WHD, 3WH, 3WHD	6, 10
Directional valve with pneumatic actuation	4WP, 4WN, 3WP, 3WN	6, 10
Directional valve with roller plunger actuation	4WMR, 4WMU, 3WMR, 3WMU	6, 10
Directional valve with rotary knob actuation	4WMD, 4WMDA, 3WMD, 3WMDA	6, 10
Directional valve with hand lever actuation	4WMM	6 to 32
Directional valve with hydraulic pilot operation	4WH, H-4WH, 3WH, H-3WH	10 to 32
Directional valve with solenoid pilot operation	4WEH, H-4WEH, 3WEH, H-3WEH	10 to 32
Sandwich isolating valve with solenoid actuation	Z4WE	6
Sandwich isolating valve with solenoid pilot operation	Z4WEH	10 to 22



Pressure Control Valves



Description	Model	Size	
Pressure Control Valves			
Direct operated relief valve	DBD	4, 6, 10	
Pilot operated relief cartridge	DB. K	6, 10	
Sandwich relief valve, pilot operated	ZDB, Z2DB, ZDBK, Z2DBK	6, 10	
Pilot operated relief valve	DB, DBW	10 to 52	
Pilot operated relief, select value	DB3U	10 to 30	
Pump safety block	DBA	15 to 30	
Direct operated sequence valve	DZ .DP	6, 10	
Pilot operated sequence valve	DZ	10 to 30	
Pilot operated pressure cut-off valve	DA	10 to 30	
Direct operated reducing valve	DR .DP	6, 10	
Sandwich pilot operated reducing valve	ZDR, ZDRK	6, 10	
Pilot operated reducing valve	DR	10 to 30	
3-way pilot operated reducing valve	3DR	10, 16	
Meter-in pressure compensators	ZDC	6 to 32	



Flow Control Valves



Description	Model	Size	
Flow Control Valves			
Throttle and throttle/check valve	MG, MK	6 to 30	
Sandwich throttle valve	Z1FG	6, 10	
Sandwich throttle/check valve	Z2FS, Z2FSK	6 to 22	
Fine throttle valve	F	5 to 10	
Flow control valve, mechanical adjustment	2FRM	6 to 16	
Flow control valve, hydraulic, electro-hyd. operation	2FRH, 2FRW	10, 16	
3-way flow control valve	3FRM	10, 16	
Sandwich flow control valve	Z2FRM	6	
Pilot operated check-throttle valve (Check-Q-meter)	FD	12 to 32	





Description	Model	Size		
Proportional Valves				
Proportional Directional Valves				
Proportional directional valve	4WRAEB, 4WRAB	6		
Proportional directional valve	4WRAE, 4WRA	6, 10		
Proportional directional valve	4WRBAE, 4WRBA	6, 10		
Proportional directional valve	4WREE, 4WRE	6, 10		
Proportional directional valve	4WRPE, 4WRP	6, 10		
Proportional directional valve	5WRPE, 5WRP	10		
Proportional directional valve	4WRZE, 4WRZ, 4WRH	10 to 52		
Proportional directional valve	4WRKE	10 to 35		
Proportional directional valve	4WRBKE	10 to 27		
High Response Proportional Directional Valves				
High response valves	4WRSE	6, 10		
High response valves	4WRPEH, 4WRPH	6, 10		
High response valves	4WRREH	6		
High response valves	4WRTE	10 to 35		
High response valves	4WRLE, 4WRL	10 to 35		
High response valves	4WRVE	10 to 27		
High response valves	4WRGE	10 to 25		
High response valves	4WRDE	10 to 35		
Integrated axis controller	4WRPNH	6, 10		
Flow Control Valves				
Proportional throttle valve (cartridge)	FE, FEE	16		
Proportional throttle valve (cartridge)	FES, FESE, FESXE	16 to 63		
Proportional flow control	2FRE	6 to 16		
Proportional flow control without feedback	2FREX, 3FREX	6, 10		
Proportional flow control	3FREZ, 3FREEZ	6, 10		
Servo logic (cartridge)	3WRCBEE, 3WRCBH	25, 32, 50		
Servo logic (cartridge)	2WRCE, 3WRCE	32 to 160		



Proportional Valves (continued)



Description	Model	Size	
Proportional Valves			
Proportional Pressure Relief Valves			
Proportional pressure relief valve	DBET, DBEMT, DBETX, DBEP	6	
Proportional pressure relief valve with feedback	DBETR, DBETBX, DBETFX	6	
Proportional pressure relief valve	DBE, DBEE, DBE6X	6	
Sandwich proportional pressure relief valve	ZDBE, ZDBEE	6	
Proportional pressure relief valve with feedback	DBEBE6X	6	
Proportional pressure relief valve	DBE10Z	10	
Proportional pressure relief valve with feedback	DBEB10Z, DBEBE10Z	10	
Proportional pressure relief valve	DBE, DBEE, DBEM, DBEME	10 to 30	
Proportional Pressure Reducing Valves			
Proportional pressure reducing valve	3DREP, 3DREPE	6	
Proportional pressure reducing valve	DRE6, DRE6X	6	
Proportional pressure reducing valve	DRE10Z	10	
Sandwich proportional pressure reducing valve	ZDRE	6, 10	
Sandwich proportional pressure reducing valve	ZDREE	10	
Proportional pressure reducing valve with feedback	DREB6X, DREBE6X	6	
Proportional pressure reducing valve with feedback	DREB10Z, DREBE10Z	10	
Proportional pressure reducing valve, 3-way	3DRE, 3DREE, 3DREM	10, 16	
Proportional pressure reducing valve	DRE, DREE, DREM, DREME	10 to 30	





Description	Model	Size
Servo Valves		
Servo valve, mechanical feedback	4WS2EM, 4WSE2EM	6, 10
Servo valve, electrical/mechanical feedback	4WSE2ED	10
Servo valve, electrical feedback	4WSE3E	16 to 32



Electronics



Description	Model	Size
Amplifiers		
Proportional amplifier card	VT-VSPA1-1, VT-VSPA1-2	
Proportional amplifier card	VT-VSPA1-508, VT-VSPA1-525	
Proportional amplifier card	VT2000	
Proportional amplifier module	VT-MSPA1-1, VT-MSPA1-10, VT-MSPA1-11	
Proportional amplifier module	VT-MSPA1-30, VT-MSPA1-50	
Proportional amplifier module	VT-MSPA1-150	
Proportional amplifier module	VT-MSPA1-508, VT-MSPA1-525	
Proportional amplifier plug	VT-SSPA1-1, VT-SSPA1-5	
Proportional amplifier plug	VT-SSPA1-50, VT-SSPA1-100	
Proportional amplifier plug	VT-SSPA1-508, VT-SSPA1-525	
Proportional amplifier card, 2 solenoid	VT-VSPA2-1	
Proportional amplifier card, 2 solenoid	VT3015	
Proportional amplifier, 2 solenoid	MDSD	
Proportional amplifier module, 2 solenoid	VT-MSPA2-1	
Proportional amplifier module, 2 solenoid	VT-MSPA2-525	
Proportional amplifier module, 2 solenoid	VT11118	_
Proportional amplifier with feedback	VT-VRPA1-5	

Electronics (continued)



Description	Model	Size
Proportional amplifier with feedback	VT-VRPA1-50,	
	VT-VRPA1-51, VT-RPA1-52	
Proportional amplifier with feedback	VT-VRPA1-100,	
	VT-VRPA1-150, VT-VRPA1-151	
Proportional amplifier with feedback	VT-VRPA1-527,	l
1 Toportional amplifier with recuback	VT-VRPA1-537	
Proportional amplifier with feedback	VT5041	
Proportional amplifier with feedback	VT-MRPA1-100,	
	VT-MRPA1-150,	
	VT-MRPA1-151	
Proportional amplifier with feedback, 2 solenoid	VT-VRPA2-1, VT-VRPA2-2	
Proportional amplifier with feedback, 2	VT-VRPA2-527.	
solenoid	VT-VRPA2-537	
Card Holders and Miscellaneous		
Card holder	VT3002	
Card holder	CH32, CH64	
Card holder, enclosed	VT12302	
Pressure transducer	HM17, HM18	
Electronic Pressure Switch	HEDE10, HEDE11	
Test device for servo valves	VT-SVTSY	
Test device for integrated valves	VT-VETSY	
Command value module	VT-SWMA	
Controllers		
Control module, 3 loop	VT-HACD	
Control module, 1 to 4 axis	VT-HNC100	
Analog position control module	VT-MACAS	
Analog pQ control card	VT-VACAP	
Closed Loop Systems		
Pump system for electronic flow and pressure	SYDFEE, SYDFE1	
Pump system for electronic flow and pressure	SYHDFEE	





Description	Model	Size	
Diaphragm Accumulators			
Diaphragm Accumulator	HAD	0.075L - 3.5L	
Bladder Accumulators			
Bladder Accumulator	HAB-4X	1L - 50L	
Bladder Accumulator	HAB-5X	1L - 50L	









Description	Model	Size
External Gear Pumps		
External Gear Pump	AZPB	1cc - 7cc
External Gear Pump	AZPF	4cc - 28cc
External Gear Pump	AZPS	4cc - 28cc
External Gear Pump	AZPJ	12cc - 16cc
External Gear Pump	AZPN	16cc - 36cc
External Gear Pump	AZPT	20cc - 36cc
External Gear Pump	AZPG	22cc - 63cc
External Gear Pump	AZPU	22cc - 63cc
Internal Gear Pumps		
Internal Gear Pump	PGF	1.7cc - 40cc
Internal Gear Pump	PGP	6cc - 32cc
Internal Gear Pump	PGH	5cc - 250cc
Gerotor Pumps	*	
Gerotor Pump	PGZ	20cc - 140cc



Gear Motors



Description	Model	Size
External Gear Motors		
External Gear Motor	AZMF	8cc - 22cc
External Gear Motor	AZMG	22cc - 45cc



Vane Pumps



Description	Model	Size
Fixed Vane Pumps		
Fixed Vane Pump	PVV	18cc - 193cc
Fixed Vane Pump	PVQ	18cc - 193cc
Variable Vane Pumps		
Variable Vane Pump	FPV	8cc - 67cc
Variable Vane Pump	PV7-1X/2X	10cc - 25cc
Variable Vane Pump	PV7-1X	14cc - 150cc
Variable Vane Pump	PVC	20cc - 23cc
Variable Vane Pump	PVF	39cc – 98cc
Variable Vane Pump	PVR	130cc
Variable Vane Pump	VPV	16cc - 164cc
Variable Vane Pump	PSV	16cc - 164cc



Radial Piston Pumps



Description	Model	Size
Radial Piston Pumps		
Radial Piston Pump	PR4-1X	0.4cc - 2cc
Radial Piston Pump	PR4-3X	1.6cc - 20cc
Radial Piston Pump	Model 20	1.7cc - 2.6cc
Radial Piston Pump	Model 80	3.9cc - 11.8cc
Radial Piston Pump	Model E055	0.61cc









Description	Model	Size	
Industrial Manifolds			
Custom			
Custom Industrial Manifolds	Man Assy AGAXXXX	Custom	
Standard			
Bar Manifolds	ВМ	6 to 22	
Automotive Bar Manifolds	ABM	6 to 22	
ISO Bar Manifolds	IBM	6 to 10	
Cover Plates & Tapping Plates	CP, TP	6 to 22	
Subplates	SP	6 to 32	
Logic blocks	LCB	16 to 80	
Pump Relief Block	RVB	3/4 to 1 1/2	
Pump Unloading Block	RVBL	1 1/2 to 2	
Pump Manifold with Unload	PSB	A10	
Pump Manifold Pressure Relief with Unload	RVBU	3/4 to 1 1/4	
Header Block	НВ	3/4 to 20	
Pre-engineered Circuit Solutions	AGA-XXXX	N/A	
Power Unit Modules			
Fixed Displacement Power Pack	PP	2.5 to 20 Gal	
Variable Displacement Power Pack	PPV	20 to 100 Gal	
RexPak - Standard, Configurable Power Unit	RexPak	20 to 200 Gal	
Close Coupled Pump/Motor Groups, Axial Piston, Variable Displacement	MPGB-A10VSO	2 to 100 HP	
Motor Adapter Coupling Units	MACB *TYM	25 to 100 HP	
Close Coupled Pump/Motor Groups, Fixed Displacement	MPGB-AZPF	1 to 20 HP	
Filter Cooler Module	MFC3, MFN3, MNC3	4 to 19 HP Removal	
Oil/Air Cooler Module	KOL/ KOLP		





Industrial Modules (continued)





Description	Model	Size
Support for Bosch Rexroth AG Resale: Control F	Plates and Standard Hydr	aulic Power Units
Control Plates		
Cover Plates	HSA	4 to 35
Adapter Plates	HSE	4 to 42
Sandwich Plates	HSZ	6 to 22
Multistation Manifold Plates/ Control Plates	HSR	6, 10
Custom Manifold Assemblies		
Custom Manifold Assemblies	AGEV-XXXX	Custom
Power Units		
Modular Standard Power Unit	ABSKG	20; 40; 60 L
Hydraulic Power Unit	ABHSG	400 to 1000L
Modular Standard Power Unit	ABMAG	100 to 800L
Hydraulic Drive Power Unit, Low Noise Impact. Vertical	ABFAG-V	160 to 1000L
Hydraulic Drive Power Unit, Low Noise Impact. Horizontal	ABFAG	100 to 1000L
Hydraulic Primary Unit	ABPAG	63 to 400L
Pump Motor Assembly for Circulation Circuits	ABAPG	
Pump Motor Assembly for Circulation Circuits	ABUPG	
Clamping and Drive Modules	UPE1, 2, 3, 5	
Control Modules	IH15B	



Filtration



Description	Model	Size
Filtration		
Breather		
Breather	BFSK	45/21, 130
Breather	FEF, BFS	7/20
Breather	BF7SL, BS7SL, BE7SL, B7SL	45/21, 90, 130
Breather	TLF	1-250
Return Line		
Return Line	RE	0004 to 0012
Return Line	10 TEN	0040 to 2500
Return Line	10 FREN	0160 to 1000
Suction		
Suction	S	8 to 455
Suction	SE	56 to 560
Inline		
Inline	40/100 FLE	0160 to 1000
Inline	16 FE	2500 to 7500
Inline	50/110/245/350/445 LE	0040 to 1000
Duplex		
Duplex	50/150/400 LD	0040 to 0400
Duplex	16 FD	2500 to 7500
Duplex	40/100 FLD	0045 to 1000
Duplex	40 FLDK	0015 to 0630
Manifold Mounted		
Manifold Mounted	250/450 FE	0040 to 1000
Manifold Mounted	450 PBF	0040 to 1000
Manifold Mounted	245/350 PSF	0040 to 1000
Manifold Mounted	320 PZR	0025 to 0125
Spin On		
Spin On	7SL, 50SL	0030 to 0260
Filter Elements (Examples)		
Filter Elements	1.0005 H10XL-A00-0-M	
Filter Elements	2.0003 G10-A00-0-M	
Filter Elements	99.0594 P10-S00-0-M	



Axial Piston Pumps









Description	Model	Size
Axial Piston Pumps		
Bent Axis		
Fixed Displacement Pump	AA2FO/61/63	5 to 1000
Variable Displacement Pump	A2VK/A7VK	12 to 107
Variable Displacement Pump	A7VO/63	55 to 1000
Variable Displacement Pump	A7VO/5.1	1000
Swashplate		
Fixed Displacement Pump	A4FO/10	71 to 500
Fixed Displacement Pump	A10FZO	6 to 63
Open Circuits		
Variable Displacement Pump	AA11V(L)O	40 to 260
Variable Displacement Pump	AA4VSO	40 to 1000
Variable Displacement Pump	A15VSO	175 to 280
Variable Displacement Pump	A4VBO	71 to 450
Variable Displacement Pump	A10VO/3	28 to 180
Variable Displacement Pump	A10VO/52	10 to 85
Variable Displacement Pump	AA10VSO	18 to 180
Variable Displacement Pump	A10VZO	10 to 180
Closed Circuits		
Variable Displacement Pump	AA4VG	28 to 250
Variable Displacement Pump	AA10VG	18 to 63
Variable Displacement Pump	A4CSG	250 to 750
Variable Displacement Pump	A4VSG	40 to 1000
Variable Displacement Pump	A10F/VZG	10 to 63
Axial Piston Motors	<u> </u>	
Bent Axis		
Variable Displacement Motor	AA6VM	28 to 1000
Fixed Displacement Motor	AA2FM	5 to 1000
Swashplate		•
Fixed Displacement Motor	AA10FM	10 to 63
Variable Displacement Motor	AA10VM	28 to 85
Fixed Displacement Motor	A4FM	28 to 500
Variable Displacement Motor	A4VSO/G	40 to 1000

Note: Z = variable input speed version

The Drive & Control Company



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