PRODUCT OVERVIEW

HYDRAULIC AND ELECTRONIC DIVISION

SECOND EDITION

A TRADITION OF EXCELLENCE
SINCE 1969

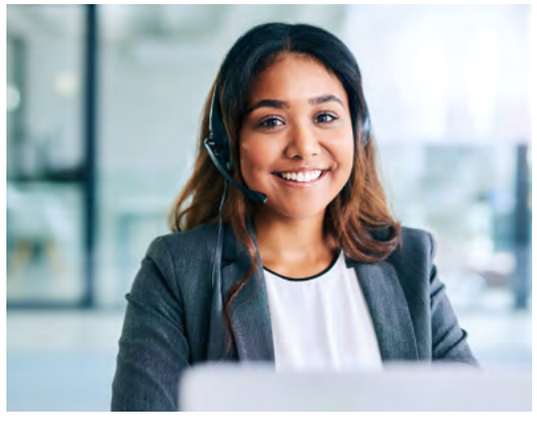
INDEX

EXPERIENCE THE **CANIMEX DIFFERENCE**

OUR PRIORITY: EXCELLENCE IN SERVICE AND PRODUCTS

Since 1969, the products we design, produce, assemble and import are synonymous with quality and excellence. The same is true of our service, which reflects our genuine interest in meeting your needs.

We believe that a personalized and proactive client-oriented approach allows us to establish lasting partnerships. That makes all the difference for you—and for us.



RELY ON A SEASONED PARTNER

As the North American master distributor for a number of prestigious companies, we offer and stock complete and diversified product ranges for hydraulic and electronic control systems. We are THE reference for Original Equipment Manufacturers (OEMs).

Our commitment to a high level of inventory combined with our ability to innovate and create turnkey solutions make us a partner of choice.

YOUR **SOLUTION-DRIVEN PARTNER** FOR **HYDRAULIC** AND **ELECTRONIC** CONTROL SYSTEMS

Our list of satisfied and long-standing customers confirms our position as THE reference for Original Equipment Manufacturers (OEMs).

WHAT MAKES US DIFFERENT?

- Innovative solutions with superior-quality components at competitive prices
- An engineering service with in-depth know-how to rapidly make your projects a reality
- A high level of inventory to satisfy your production needs in time, wherever you are

We are your loyal partner for all your hydraulic and electronic needs.

BECAUSE **EVERY INDUSTRY** AIMS FOR **EXCELLENCE**

INDUSTRIES SERVED

Snow and Ice Removal
Agriculture and Forestry
Building and Construction
Mining
Towing and Recovery
Environmental and Green Energy
Municipal Public Works
Waste and Utility Trucks
Earth Moving
Marine
Material Handling
Industrial Vehicles

DESIGNED BY CANIMEX

SPREADER BLOCK VALVES FOR SNOW REMOVAL

- Tested, tried and proven
- Customized to your hydraulic needs
- Combined with load-sensing valve
- For load-sensing or gear pumps
- For spreader, plow and wings, and dump body
- Comes with built-in main relief
- Standard or high flow
- One block valve for all functions

SPREADER BLOCK VALVES FOR SNOW REMOVAL

SBV - HSBV

SBV - HSBV			
Maximum flow	Inlet	SBV	32 USgpm (120 lpm)
		HSBV	
	Conveyor A	SBV	0-13 USgpm (0-50 lpm)
		HSBV	0-24 USgpm (0-90 lpm)
	Spinner C	SBV	0-13 USgpm (0-50 lpm)
		HSBV	
	Wet line B	SBV	0-13 USgpm (0-50 lpm)
		HSBV	
	Plow functions	SBV	26 USgpm (100 lpm)
		HSBV	
Maximum pressure	psi	SBV and HSBV	4600
	bar		315
Electrical characteristics	Voltage (V)		12
	Power (W)		15
	Current (A)		1,25
Fluid	Mineral oil (cSt)		20-200
Fluid temperature	°C		-20°/+80°
	°F		-4°/+176°
Contamination level	-		ISO 4406
Material	Manifold		Steel zinc plated
	Internal		Hardened steel
Tie rod tightening torque	lb-ft		22,2
	Nm		30

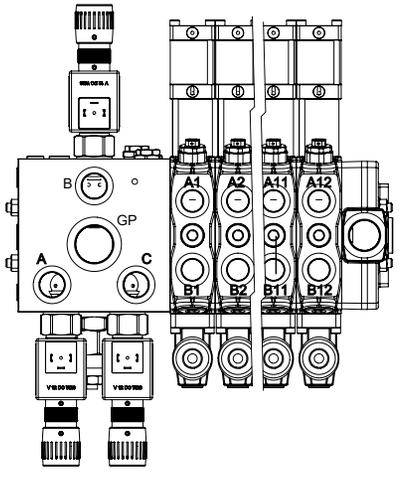
DESIGNED BY CANIMEX

SPREADER BLOCK VALVES FOR SNOW REMOVAL

SBV - HSBV

PORTS	THREADS
GP	1-5/16-12 UN (SAE16) PLUGGED
A-B-C	7/8-14 UNF (SAE10)
A1-A12	7/8-14 UNF (SAE10)
B1-B12	7/8-14 UNF (SAE10)
T	1-1/16-12 UN (SAE12)
P	3/4-16 UNF (SAE8) PLUGGED
T1	9/16-18 UNF (SAE6) PLUGGED
T2	7/16-20 UNF (SAE4) PLUGGED
LS	9/16-18 UNF (SAE6)

SBV - HSBV



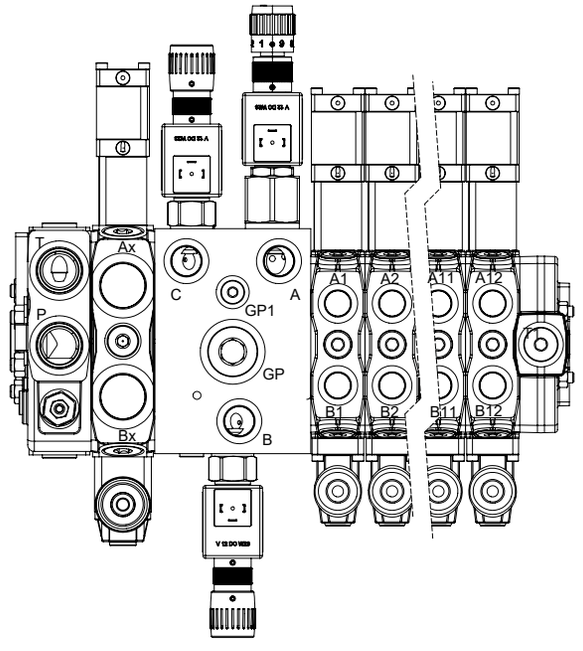
SPREADER BLOCK VALVES FOR SNOW REMOVAL

SBVN-HSBVN

SBVN - HSBVN			
Maximum flow	Inlet	SBVN	47 USgpm (180 lpm)
		HSBVN	
	Conveyor A	SBVN	0-13 USgpm (0-50 lpm)
		HSBVN	0-24 USgpm (0-90 lpm)
	Spinner C	SBVN	0-13 USgpm (0-50 lpm)
		HSBVN	
	Wet line B	SBVN	0-13 USgpm (0-50 lpm)
		HSBVN	
	Plow functions	SBVN	26 USgpm (100 lpm)
		HSBVN	
	Hi flow plow functions	SBVN	42 USgpm (160 lpm)
		HSBVN	
Maximum pressure	psi	SBVN - HSBVN	4600
	bar		315
Electrical characteristics	Voltage (V)		12
	Power (W)		15
	Current (A)		1,25
Fluid	Mineral oil (cSt)		20-200
Fluid temperature	°C		-20°/+80°
	°F		-4°/+176°
Contamination level	-		ISO 4406
Material	Manifold		Steel zinc plated
	Internal		Hardened steel
Tie rod tightening torque	lb-ft		22,2
	Nm		30

PORTS	THREADS
GP	1-5/16-12 UN (SAE16) PLUGGED
A-B-C	7/8-14 UNF (SAE10)
A1-A12	7/8-14 UNF (SAE10)
B1-B12	7/8-14 UNF (SAE10)
T	1-5/16-12 UN (SAE16)
P	1-5/16-12 UN (SAE16)
T1	7/8-14 UNF (SAE10)
AX	1-5/16-12 UN (SAE16)
BX	1-5/16-12 UN (SAE16)
GP1	9/16-18 UNF (SAE6) PLUGGED
LS	9/16-18 UNF (SAE6)

SBVN-HSBVN



DESIGNED BY CANIMEX

INTEGRATED HYDRAULIC CIRCUIT BLOCKS

INTEGRATED HYDRAULIC CIRCUIT BLOCKS

DCG SERIES

DCG SERIES

- Offered in aluminum, cast iron and steel
- NFPA D03, D05, D07 and D08
- Parallel circuit of up to 10 stations
- Configurable with any modular valve
- Incorporated relief and unloader valve available

CX SERIES

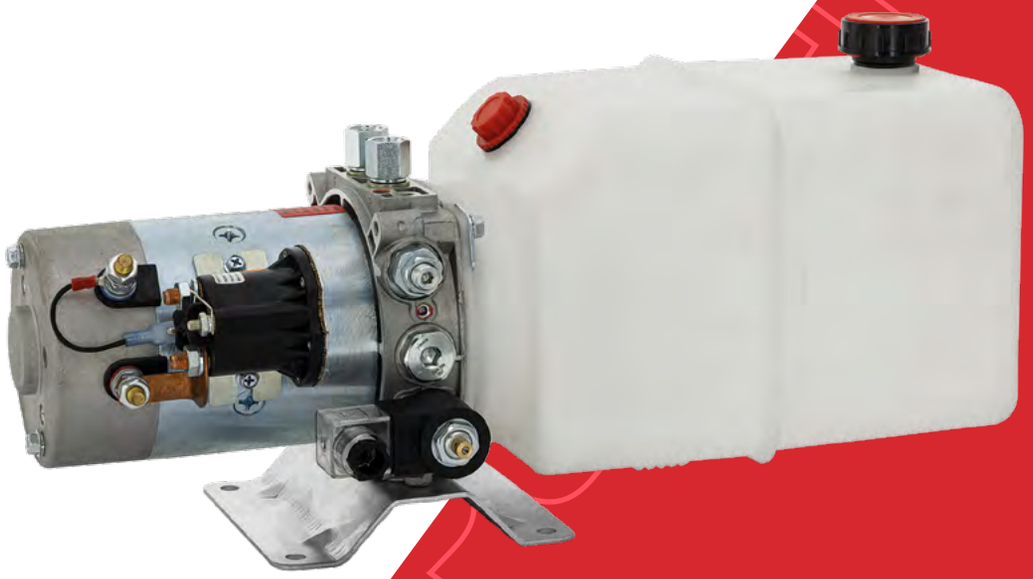
CX SERIES

Integrated hydraulic circuit blocks provide important advantages in terms of functionality, rationality, maintenance and compactness. They also offer considerable cost reductions and fewer external connections.

These are mainly used in mobile equipment for agriculture, snow and ice removal, and construction. Machined from aluminum or steel, they include and combine screw-in cartridges, flanged directional solenoid or manual control valves and filters.

Designed by our engineering team to meet your specific needs and exceed your requirements, our blocks will greatly enhance your machine.

BECAUSE EVERY INDUSTRY AIMS FOR EXCELLENCE



MINI POWER PACKS

MPP SERIES

- Completely assembled at Canimex
- Compact size simplifies mounting in small spaces
- Flexible centreblock design for extending various circuits
- Low-amp and high-torque DC motors for 12/24VDC systems from 1 to 3 HP
- CSA approved AC motors from 1 to 3 HP
- Multiple displacement gear pumps
- Tried, tested and true

MPP SERIES

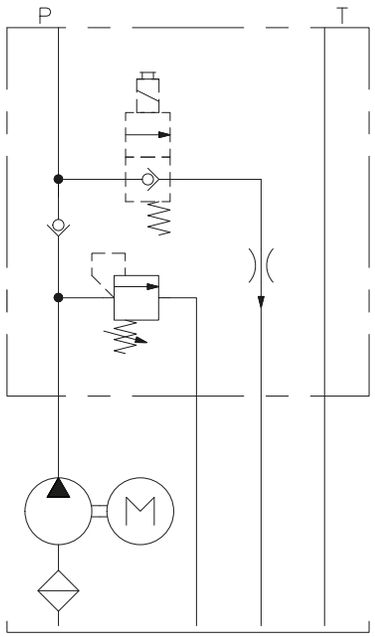
DC SINGLE-ACTING

Single-acting unit (power up/gravity down) powered by a 12VDC or a 24VDC motor

This unit combines an electrical cartridge valve with an optional compensated flow control to maintain a constant return flow. Plastic tanks are used to create a compact design suitable for outside applications such as dump trailers.

Pump disp. cc/rev	Flow USgpm (lpm)						Press. relief psi (bar)
	Motor 1.6 kW-12 VDC			Motor 2.2 kW-24 VDC			
	1000 psi	2000 psi	2500 psi	1000 psi	2000 psi	2500 psi	
	70 bar	140 bar	170 bar	70 bar	140 bar	170 bar	
1,1	0,82 (3,1)	0,63 (2,4)	0,55 (2,1)	1,22 (4,6)	1,03 (3,9)	0,98 (3,7)	2900 (200)
1,6	1,27 (4,8)	0,96 (3,6)	0,85 (3,2)	1,66 (6,3)	1,32 (5,0)	1,22 (4,6)	
2,1	1,53 (5,8)	1,03 (3,9)	0,87 (3,3)	1,88 (7,1)	1,56 (5,9)	1,43 (5,4)	
2,3	1,61 (6,1)	1,08 (4,1)	0,92 (3,5)	2,09 (7,9)	1,66 (6,3)	1,53 (5,8)	
2,7	1,69 (6,4)	1,22 (4,6)	-	2,25 (8,5)	1,80 (6,8)	1,59 (6,0)	
3,2	1,80 (6,8)	1,37 (5,2)	-	2,48 (9,4)	1,88 (7,1)	1,69 (6,4)	
3,7	-	-	-	2,59 (9,8)	1,98 (7,5)	1,77 (6,7)	
4,2	-	-	-	2,64 (10)	2,06 (7,8)	1,82 (6,9)	

* Flows are approximative



MPP SERIES

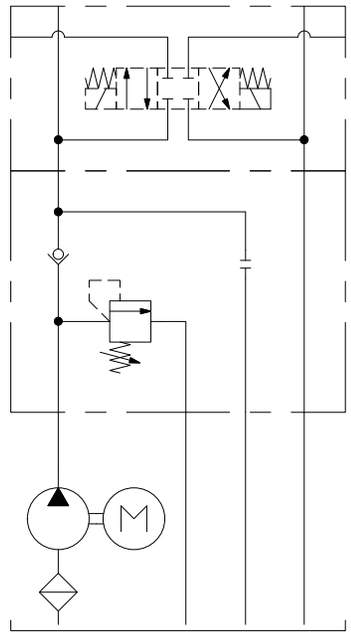
DC DOUBLE-ACTING

Double-acting unit (power up/power down) powered by a 12VDC or a 24VDC motor

This unit can be assembled with up to 3 directional and multiple modular valves. Plastic tanks are used to create a compact design suitable for outside applications.

Pump disp. cc/rev	Flow USgpm (lpm)						Press. relief psi (bar)
	Motor 1.6 kW-12 VDC			Motor 2.2 kW-24 VDC			
	1000 psi	2000 psi	2500 psi	1000 psi	2000 psi	2500 psi	
	70 bar	140 bar	170 bar	70 bar	140 bar	170 bar	
1,1	0,82 (3,1)	0,63 (2,4)	0,55 (2,1)	1,22 (4,6)	1,03 (3,9)	0,98 (3,7)	2900 (200)
1,6	1,27 (4,8)	0,96 (3,6)	0,85 (3,2)	1,66 (6,3)	1,32 (5,0)	1,22 (4,6)	
2,1	1,53 (5,8)	1,03 (3,9)	0,87 (3,3)	1,88 (7,1)	1,56 (5,9)	1,43 (5,4)	
2,3	1,61 (6,1)	1,08 (4,1)	0,92 (3,5)	2,09 (7,9)	1,66 (6,3)	1,53 (5,8)	
2,7	1,69 (6,4)	1,22 (4,6)	-	2,25 (8,5)	1,80 (6,8)	1,59 (6,0)	
3,2	1,80 (6,8)	1,37 (5,2)	-	2,48 (9,4)	1,88 (7,1)	1,69 (6,4)	
3,7	-	-	-	2,59 (9,8)	1,98 (7,5)	1,77 (6,7)	
4,2	-	-	-	2,64 (10)	2,06 (7,8)	1,82 (6,9)	

* Flows are approximative



MPP SERIES

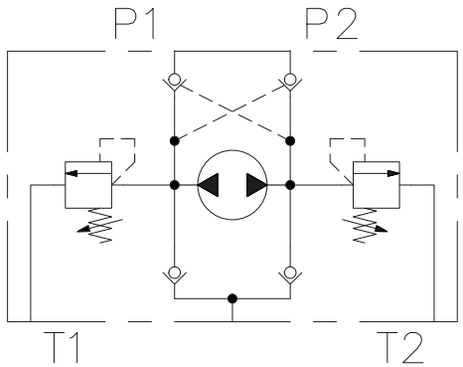
DC BIDIRECTIONAL

Bidirectional power unit powered by a 12VDC motor

The compact design of this unit eliminates the need for a directional valve. Ideal for smaller applications such as accessories on ATVs, small tractors or RVs. Single-acting unit is also available.

Pump disp. cc/rev	Flow USgpm (lpm) Motor 0.8 kW-12 VDC			Press. Relief psi (bar)
	1000 psi	2000 psi	2500 psi	
	70 bar	140 bar	170 bar	
0,2	0,26 (1,0)	0,26 (1,0)	0,24 (0,9)	2900 (200)
0,3	0,32 (1,2)	0,29 (1,1)	0,26 (1,0)	
0,5	0,55 (2,1)	0,50 (1,9)	0,45 (1,7)	
0,7	0,79 (3,0)	0,66 (2,5)	0,58 (2,2)	
1,1**	1,00 (3,8)	0,77 (2,9)	0,71 (2,7)	

* Flows are approximative
** Only bidirectional pump



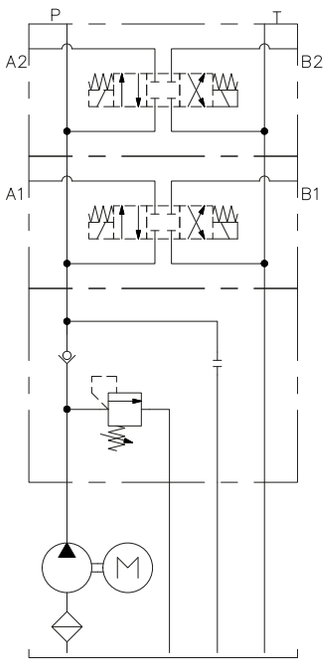
MPP SERIES

AC POWER UNIT

Single or double-acting unit powered by 1-phase 115/230 VAC or 3-phase 230/460 VAC motors

This unit can be assembled with up to 3 directional and multiple modular valves. Steel tanks are mainly used in industrial applications.

Pump disp. cc/rev	Motors @ 3450 RPM			
	Flow USgpm (lpm)	1 HP Pressure psi (bar)	2 HP Pressure psi (bar)	3 HP Pressure psi (bar)
1,1	1,00 (3,8)	1454 (100)	2900 (200)	2900 (200)
1,6	1,46 (5,5)	999 (69)	1998 (138)	2900 (200)
2,1	1,91 (7,2)	762 (53)	1522 (105)	2284 (157)
2,3	2,10 (7,9)	695 (48)	1390 (96)	2085 (144)
2,7	2,46 (9,3)	592 (41)	1184 (82)	1777 (122)
3,2	2,92 (11,1)	500 (35)	999 (69)	1499 (104)
3,7	3,37 (12,8)	-	864 (60)	1296 (89)
4,2	3,83 (14,5)	-	762 (53)	114 (79)
4,8	4,37 (16,5)	-	666 (46)	999 (69)
5,8	5,29 (20,0)	-	552 (38)	827 (57)



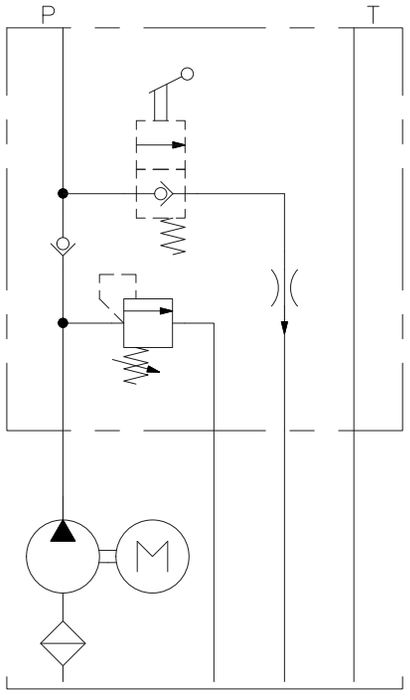
MPP SERIES

AC CAR HOIST

Designed for smaller low-rise auto hoists, this power unit is powered by a 2 HP/1-phase 230VAC electric motor.

A pushbutton on the motor starts the unit to raise the vehicle on the lift. To lower it, a manually operated cartridge release valve is used for fingertip control of the lowering speed. It also has an adjustable pressure-compensated flow control valve to regulate the lowering speed.

Pump disp. cc/rev	Motor @ 3450 RPM	
	Flow USgpm (lpm)	2 HP Pressure psi (bar)
1,6	1,46 (5,5)	1998 (138)



BECAUSE EVERY INDUSTRY AIMS FOR EXCELLENCE

COMPLETE WIRELESS HYDRAULIC KITS

WHC SERIES

Our WHC SERIES is the customizable answer to combining hydraulic directional controls with the electronic drive technology. Its ease of installation represents a time-saving solution for you. Completely assembled and tested at our facility, the WHC kit brings an added value to your hydraulic and electronic system.

WHC SERIES

TRANSMITTERS AND RECEIVERS

MINI, MICRO AND MACRO SERIES

The **MINI, MICRO** and **MACRO series radio remote controls** offer the OEM or end-user an affordable way to quickly and easily control up to nine on/off outputs. The MINI is user-programmable: you can decide whether each button is momentary or maintained, and whether each output triggers an optional pump output. Crosstalk and interference are virtually eliminated with our 900MHz FHSS platform which uses ID-coded transmission.

MEGA SERIES

The **MEGA series remote controls** are available in 8-, 12- and 20-button configurations. The switches provide solid tactile feedback in this ergonomic handheld enclosure. Full two-way communication combined with the mating receivers' inputs and programmability make the MEGA a true jobsite lifesaver.

GIGA SERIES

The **GIGA series remote controls** fit nicely in one's hand despite an impressive amount of available controls, with up to 34 standard-sized pushbuttons. The GIGA can also be configured with up to ten proportional pushbuttons with variable speed outputs. With full two-way communication, the transmitter allows you to monitor, command and control all aspects of your machine.

GUIDER SERIES

The **GUIDER series radio transmitter**, with its low-cost and classic pistol-grip style, is tough as nails and easy to use. With internal rechargeable or standard alkaline batteries in a sealed compartment, the GUIDER can last for days.

MK SERIES

The **MK series radio remote control transmitters** were designed to be ultra-rugged and water-resistant. They are available in 2-, 4-, 6- or 8-button configurations with single- or dual-action pushbuttons and tactile feedback through heavy gloves.

COMPLETE WIRELESS HYDRAULIC KITS

WHC SERIES

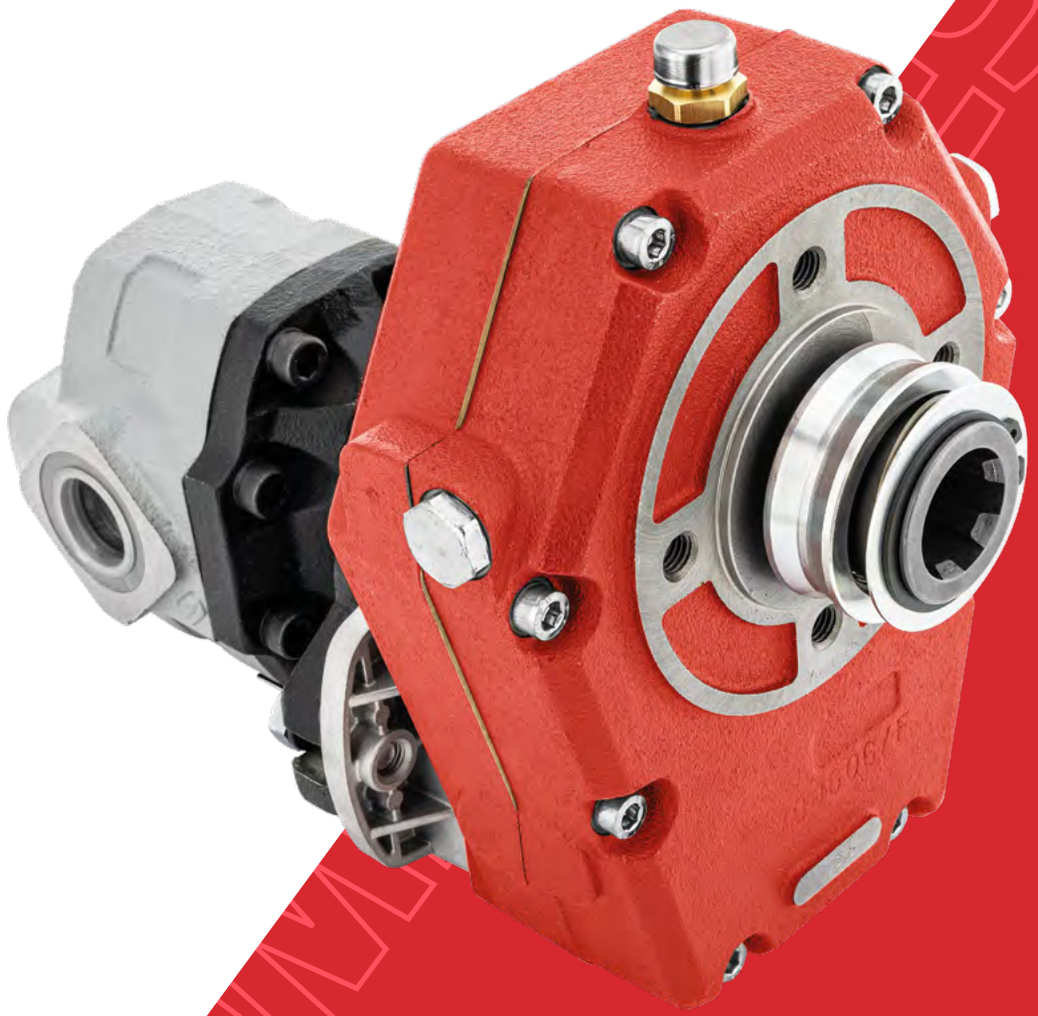
WHC

Transmitters		
Series	# buttons*	Quick view
Mini	4, 8	
Micro	2, 4, 8	
Macro	4, 8, 15	
Mega	8, 12, 20	
Giga	24, 34	
MK	2, 4, 6, 8	
Guider	8, 8p	

Junction boxes + receivers
WK02-08 
WK10-12 
WK14-20 

Hydraulic components
Type
 SD*ES3
 SDE060
 DCG
 PEC
 MPP

*Standard configuration shown in pictures
Personnalized button layout available upon request



PUMP DRIVES

EGC, PGC AND GGC SERIES

Coupled with our gear, piston or vane pumps, our PUMP DRIVES are the drive you need. These cost-effective kits save you time and money. Whatever your need may be, whether for electric, PTO or gas-driven engines, rest assured that we have the right solution for you. Fully assembled by our team, our pump drives are available in a wide range of horsepower, flow and pressure.

EGC, PGC AND GGC SERIES

EGC

Our **EGC series** is the answer to your electric drive needs. This series is offered with AC TEFC motors, from ½ to 100 HP, with a pump flow as low as ½ USgpm up to 60 USgpm. Most common voltages are 115V, 230/460V and 575V. DC motors are also available in 12 and 24V.

EGC		Maximum continuous pressure (psi)							
GAP	Q*	0,5HP	1HP	2HP	3HP	5HP	7,5HP	10HP	15HP
PLP10.1	0,51	1428	2857	3770					
PLP10.1,5	0,76	958	1917	3770					
PLP10.2	1,01	721	1442	2885	3770				
PLP10.2,5	1,27	574	1147	2294	3441	3770			
PLP10.3,15	1,59	458	916	1833	2749	3770			
PLP10.4	2,03	359	718	1435	2153	3588	3625		
PLP10.5	2,54	287	574	1147	1721	2868	3625		
PLP10.6,3	3,17	230	460	919	1379	2298	3335		
PLP10.8	4,05	180	360	719	1079	1799	2610		
PLP10.10	5,07	144	287	575	862	1437	2030		
PLP20.4	2,35	310	620	1240	1860	3100	3625		
PLP20.6,3	3,14	232	464	928	1392	2320	3480	3625	
PLP20.8	3,93	185	371	741	1112	1854	2780	3625	
PL20.9	4,36	167	334	668	1002	1671	2506	3342	3625
PLP20.11,2	5,34	136	273	546	818	1364	2046	2728	3625
PLP20.14	6,91	105	211	422	633	1054	1581	2108	3163
PLP20.16	8,01	91	182	364	546	909	1364	1819	2728
PLP20.20	10,05	72	145	290	435	725	1087	1450	2174
PLP20.22,5	10,70	68	136	272	408	681	1021	1362	2042
PLP20.25	12,56	58	116	232	348	580	870	1160	1740
PLP20.31,5	15,70	46	93	186	278	464	696	928	1392
PLP30.22	10,45				418	697	1046	1394	2091
PLP30.27	12,69				344	574	861	1148	1722
PLP30.34	16,43				266	443	665	887	1330
PLP30.38	18,67				234	390	585	780	1171
PLP30.43	20,91				209	348	523	697	1045
PLP30.51	24,64				177	296	443	591	887
PLP30.61	29,12				150	250	375	500	750
PLP30.73	35,10				125	208	311	415	623
PLP30.82	38,83				113	188	281	375	563
PLP30.90	43,31				101	168	252	336	505

Maximum continuous pressure (psi)							
20HP	25HP	30HP	40HP	50HP	60HP	75HP	100HP
3625							
3625							
2900							
2465							
2320	2465						
1856	1885						
2788	3485	3625					
2296	2870	3444	3625				
1773	2217	2660	3480				
1561	1951	2341	3121	3480			
1393	1742	2090	2787	3335			
1183	1478	1774	2365	2956	3045		
1001	1251	1501	2001	2502	2755		
830	1038	1245	1660	2075	2465		
750	938	1126	1501	1876	2251	2320	
673	841	1009	1346	1682	2018	2175	

* Flow (Q) is in USgpm based on 1800 RPM.

Notes: -Numbers in unshaded area: max. pressure is limited by the HP of the electric motor.
-Numbers in shaded area: max. pressure is limited by the pump. The installation of an in-line relief valve is necessary.
-Higher pressure can be reached.

Notes: -Contact Canimex for more information.
-All calculations are approximative and are based on a total overall efficiency (mechanical+volumetric) of 85%.

PUMP DRIVES

EGC, PGC AND GGC SERIES

PGC

Our **PGC series** is the ideal solution to provide independent hydraulic service to your tractor for either 540 RPM or 1000 RPM. Our PGC series is offered in 5 different types rated at 13, 27, 50, 65 and 95 HP. Available input configurations include a male or male/male 1:3/8" 6- or 21-spline shaft and a quick-disconnect female 1:3/4" 20-spline shaft. Different ratios give you the flow you need.

PGC	Output flow at 540 RPM and maximum continuous pressure (psi)					
GAP	13 HP		27 HP			
	20-3	20-3,8	30-2	30-3	30-3,5	30-3,8
PLP20.8	3,5 3625	4,5 3625	2,4 3625	3,5 3625	4,1 3625	4,5 3625
PLP20.11,2	4,8 3625	6,1 3111	3,2 3625	4,8 3625	5,6 3625	6,1 3625
PLP20.14	6,2 3045	7,9 2404	4,1 3625	6,2 3625	7,3 3625	7,9 3625
PLP20.16	7,2 2627	9,1 2074	4,8 3625	7,2 3625	8,4 3625	9,1 3625
PLP20.20	9,0 2094	11,5 1653	6,0 2900	9,0 2900	10,6 2900	11,5 2900
PLP20.25	11,3 1675	14,3 1323	7,5 2465	11,3 2465	13,2 2465	14,3 2465
PLP20.31,5	14,1 1340	17,9 1058	9,4 1885	14,1 1885	16,5 1885	17,9 1885
PLP30.22			6,3 3625	9,4 3625	11,0 3585	11,9 3302
PLP30.27			7,6 3625	11,4 3444	13,3 2952	14,5 2719
PLP30.34			9,9 3480	14,8 2660	17,3 2280	18,7 2100
PLP30.38			11,2 3480	16,8 2341	19,6 2007	21,3 1848
PLP30.43			12,5 3135	18,8 2090	22,0 1792	23,8 1650
PLP30.51			14,8 2661	22,2 1774	25,9 1520	28,1 1400
PLP30.61			17,5 2251	26,2 1501	30,6 1287	33,2 1185
PLP30.73			21,1 1868	31,6 1245	36,9 1067	40,0 983
PLP30.82			23,3 1688	34,9 1126	40,8 965	44,3 889
PLP30.90			26,0 1514	39,0 1009	45,5 865	49,4 797

Output flow at 540 RPM and maximum continuous pressure (psi)			
50 HP			65 HP
32-2	32-3	32-3,5	33-3,5
6,3 3625	9,4 3625	11,0 3625	11,0 3625
7,6 3625	11,4 3625	13,3 3625	13,3 3625
9,9 3480	14,8 3480	17,3 3480	17,3 3480
11,2 3480	16,8 3480	19,6 3480	19,6 3480
12,5 3335	18,8 3335	22,0 3318	22,0 3335
14,8 3045	22,2 3045	25,9 2816	25,9 3045
17,5 2755	26,2 2755	30,6 2382	30,6 2755
21,1 2465	31,6 2306	36,9 1977	36,9 2465
23,3 2320	34,9 2084	40,8 1787	40,8 2320
26,0 2175	39,0 1869	45,5 1602	45,5 2082

* Total flow is in USgpm and based on 540 RPM input speed and speed increaser ratio.

Notes: -Numbers in unshaded area: max. pressure is limited by the HP of the speed increaser.
-Numbers in shaded area: max. pressure is limited by the pump. The installation of an in-line relief valve is necessary.
-Higher pressure can be reached.

Notes: -Contact Canimex for more information.
-All calculations are approximative and are based on a total overall efficiency (mechanical+volumetric) of 85%.

EGC, PGC AND GGC SERIES

GGC

Our **GGC gas-powered** series from 5 to 37 HP is ideal for many applications including log-splitters and sawmills. Powered by Vanguard engines and coupled with our 2-stage hydraulic cast iron pumps, this kit will provide rapid movement at low pressure before switching to high pressure, thus allowing energy savings.

GGC		Maximum continuous pressure (psi)					Maximum continuous pressure (psi)					
GAP	Q*	5HP	6,5HP	7HP	10HP	13,5HP	14HP	16HP	18HP	23HP	35HP	37HP
PLP10.1	1,09	3770										
PLP10.1,5	1,56	3770										
PLP10.2	2,03	3596	3770									
PLP10.2,5	2,49	2921	3798	3770								
PLP10.3,15	3,12	2337	3038	3272	3625							
PLP10.4	4,05	1798	2337	2517	3596							
PLP10.5	5,14	1416	1841	1983	2833	3625						
PLP10.6,3	6,39	1140	1482	1596	2280	3078	3192	3335				
PLP10.8	8,10	899	1169	1258	1798	2427	2517	2610				
PLP10.10	10,13	719	935	1007	1438	1942	2014	2030				
PLP20.4	4,68	1558	2025	2181	3116	3625						
PLP20.6,3	6,23	1169	1519	1636	2337	3155	3272	3625				
PLP20.8	7,79	935	1215	1309	1870	2524	2618	2992	3365	3625		
PL20.9	8,73	835	1085	1169	1669	2254	2337	2671	3005	3625		
PLP20.11,2	10,75	677	881	948	1355	1829	1897	2168	2439	3116	3625	
PLP20.14	13,87	525	683	735	1050	1418	1471	1681	1891	2416	3625	

PUMP DRIVES

EGC, PGC AND GGC SERIES

GGC

GGL			Maximum continuous pressure (psi) at flow Q1 and Q2							
GCL	USgpm		5HP		6,5HP		7HP		10HP	
	Q1*	Q2*	Q1	Q2	Q1	Q2	Q1	Q2	Q1	Q2
10.6,3/2,1	8,03	2,03	650	3449	650	3335				
10.6,3/3,0	8,85	2,85	650	2449	650	3215	650	3335		
10.6,3/3,6	9,42	3,42	650	2040	650	2679	650	2892	650	3335
10.8,8/2,1	10,39	2,03	650	3390	650	3335				
10.8,8/3,0	11,22	2,85	650	2407	650	3173	650	3335		
10.8,8/3,6	11,79	3,42	650	2006	650	2644	650	2857	650	3335
10.10,9/2,1	12,39	2,03	650	3341	650	3335				
10.10,9/3,0	13,22	2,85	650	2372	650	3138	650	3335		
10.10,9/3,6	13,79	3,42	650	1977	650	2615	650	2828	650	3335
10.10,9/4,2	14,36	3,99	650	1694	650	2242	650	2424	650	3518
10.13,0/3.0	15,21	2,85	650	2339	650	3106	650	3335		
10.13,0/4,2	16,35	3,99	650	1669	650	2217	650	2399	650	3335
20.15,2/7,6	21,68	7,23					650	1311	650	1916
20.22,9/7,6	29,00	7,23					650	1261	650	1865

Maximum continuous pressure (psi) at flow Q1 and Q2									
13,5HP		14HP		16HP		18HP		23HP	
Q1	Q2	Q1	Q2	Q1	Q2	Q1	Q2	Q1	Q2
650	3335								
650	2622	650	2722	650	3126	650	3327	650	3335
650	1865	650	2672	650	3075	650	3277	650	3335

* Flow (Q) is in USgpm based on 3600 RPM.

Notes: -Numbers in unshaded area: max. pressure is limited by the HP of the gas engine.
-Numbers in shaded area: max. pressure is limited by the pump. The installation of an in-line relief valve is necessary.
-Higher pressure can be reached.
-Contact Canimex for more information.
-All calculations are approximative and are based on a total overall efficiency (mechanical+volumetric) of 85%.

PUMP DRIVES

VALVES

VALVES

- Complete monobloc and sectional directional control valves
- Open centre, power beyond or closed centre
- Load-sensing and full flow sharing
- Configurable for special applications
- From the simplest to the most sophisticated

VALVES

MONOBLOC VALVES

- Simple, compact and heavy-duty design
- Parallel, tandem or series circuit
- Open centre, power beyond or closed centre
- Built-in main pressure relief valve
- Wide selection of spool controls
- Prearranged for service valves
- Special design for front loaders and log-splitters
- Choice of auxiliary service valves
- Available from 1 to 8 sections on specific models

VALVES

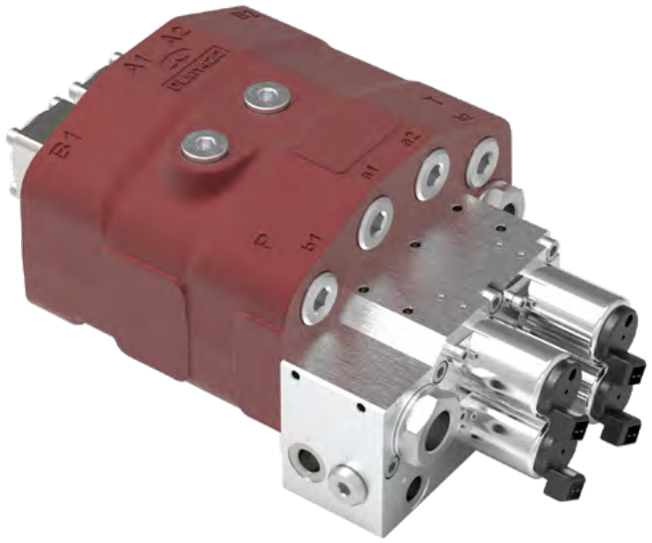
MONOBLOC VALVES

Type	Nominal flow USgpm (lpm)	Max. pressure psi (bar)	Nb. of sections	Threads (SAE)		Circuit
				PT	AB	
SDM080	6,6 (25)	4600 (315)	1-6	6	6	P,S,SP
SDM081	7,9 (30)	4600 (315)	1-6	6	6	P
SD4	12 (45)	3600 (250)	1	8,10	6,8	P,S,SP
SD5	12 (45)	4600 (315)	1-7	8,10	6,8	P,S,SP
SDM105	12 (45)	4600 (315)	1-2	8,10	6,8	P
SDM110	12 (45)	4600 (315)	1-7	8,10	6,8	P,S,SP
SDM100	18 (70)	4600 (315)	1-8	10	8	P,S,SP
SD11	18 (70)	4600 (315)	1-6	10,12	8,10	P,S,SP
SDM140	21 (80)	4600 (315)	1-6	12	10,12	P,S
SD14	32 (120)	3600 (250)	1	12	12	P
SD18	42 (160)	3600 (250)	1-6	16	12,16	P,S,SP
DLM140	29 (110)	3600 (250)	1-6	12	10	LS

VALVES

MONOBLOC VALVES

Type	Nominal flow USgpm (lpm)	Max. pressure psi (bar)	Nb. of sections	Threads (SAE)		Circuit
				PT	AB	
Front loaders						
SDM102	12 (45)	3600 (250)	2	8	6	P
SDM103	12 (45)	3600 (250)	2	8	6	S
SDM122	21 (80)	3600 (250)	2	12	10	P
SDM143	21 (80)	3600 (250)	2	12	10	P
Front loaders: Load-sensing configuration						
DLM122	21 (80)	3600 (250)	2	12	10	LS
DLM142	21 (80)	3600 (250)	2	12	10	LS



VALVES

MONOBLOC VALVES

Type	Nominal flow USgpm (lpm)	Max. pressure psi (bar)	Nb. of sections	Threads		Circuit
				PT	AB	
Log-splitters						
SDC120	12 (45)	3625 (250)	1	SAE 8	SAE 8	P
SDC200E	20 (76)	3500 (240)	1	NPT 3/4	NPT 1/2	P
SDC200S	25 (95)	3500 (240)	1	SAE 12	SAE 8 or 12	P
				NPT 3/4	NPT 1/2 or 3/4	

VALVES

SECTIONAL VALVES

- Simple, compact and heavy-duty design
- Parallel, tandem, or series circuit
- Open centre, power beyond or closed centre
- Load check valve on each section
- Available from 1 to 12 sections
- Intermediate sections for several types of circuits
- Choice of anti-shock + anti-cavitation valves
- Wide selection of spool controls
- Complete electrical controls with internal pilot and drain

Type	Nominal flow USgpm (lpm)	Max. pressure psi (bar)	Nb. of sections	Threads		Circuit
				PT	AB	
SD6	12 (45)	4600 (315)	1-12	8	6,8	P,S,SP
SDS100	16 (60)	4600 (315)	1-12	10	8	P,S,SP
SD8	24 (90)	4600 (315)	1-14	10,12	8,10	P,S,SP
SDS140	24 (90)	4600 (315)	1-12	12	8	P
SDS150	24 (90)	4600 (315)	1-12	12	10	P,S,SP
SDS180	42 (160)	4600 (315)	1-12	16	12,16	P,S,SP
SD25	63 (240)	4600 (315)	1-12	20	16,20	P,S,SP
SDS400	105 (400)	4600 (315)	1-10	24	20	P

Type	Nominal flow USgpm (lpm)	Max. pressure psi (bar)	Nb. of sections	Threads		Circuit
				PT	AB	
Load-sensing configuration						
DLS7	16 (60)	4600 (315)	1-10	8	6,8	LS
DLS8	26 (100)	4600 (315)	1-10	10	8,10	LS
DLS180	42 (160)	4600 (315)	1-10	16	12,16	LS

VALVES

PROPORTIONAL LOAD-SENSING VALVES

- Pre-compensation and flow sharing
- For fixed displacement pumps (LSA) or variable displacement pumps (LSC)
- Flow-calibrated spools
- Available from 1 to 12 sections
- Wide selection of spool controls
- Choice of anti-shock + anti-cavitation valves
- Proportional hydraulic or electronic controls
- Stroke limiters for fine-tuning

Pre-compensated								
Type	Nominal flow			Max. pressure psi (bar)	Nb. of sections	Threads (SAE)		Circuit
	on inlet USgpm (lpm)	on ports				PT	AB	
		not compensated USgpm (lpm)	compensated USgpm (lpm)					
DPC130	40 (150)	34 (130)	26 (100)	4600 (315)	1-10	12	10	LS
DPC200	69 (260)	63 (240)	53 (200)	6100 (420)	1-10	20	16	LS

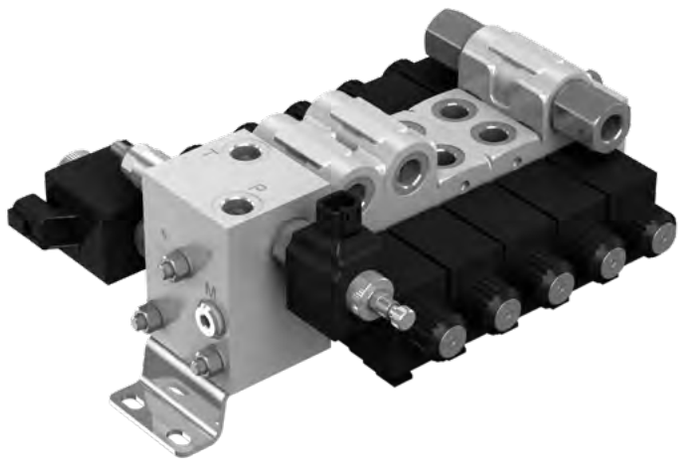
Flow sharing							
Type	Nominal flow		Max. pressure psi (bar)	Nb. of sections	Threads (SAE)		Circuit
	on inlet USgpm (lpm)	on ports USgpm (lpm)			PT	AB	
DPX050	21 (80)	13 (50)	4350 (300)	1-12	8	6	LS
DPX100	32 (120)	24 (90)	4350 (300)	1-12	10	8	LS
DPX160	61 (230)	42 (160)	4350 (300)	1-10	16	12	LS
DPX100HP	32 (120)	24 (90)	6100 (420)	1-12	10	8	LS
DPX160HP	61 (230)	42 (160)	6100 (420)	1-10	16	12	LS
EX38	40 (150)	26 (100)	5075 (350)	1-10	12	10	LS
EX46	58 (220)	48 (220)	5075 (350)	1-10	16	12	LS
EX54	79 (300)	66 (250)	5075 (350)	1-8	20	16	LS
EX72	119 (450)	92 (350)	5075 (350)	1-8	1-1/4"-SAE 6000	1" - SAE 6000	LS

VALVES

BANKABLE SOLENOID VALVES

- Simple and flexible solution for all applications
- Capable of high flow in a compact design
- On/Off and proportional controls with emergency hand lever option
- Parallel or series circuit
- Predisposed for flanged service valves
- Inlet with unloader and flow control valves
- Compensated sections available

Type	Nominal flow USgpm (lpm)	Max. pressure psi (bar)	Nb. of sections	Threads (SAE)		Circuit
				PT	AB	
SDE030	8 (30)	3600 (250)	1-10	8	6	P,S
SDE060	16 (60)	4600 (315)	1-10	8	6,8	P,S
SDX060	21 (80)	4350 (300)	1-8	8	6	LS



VALVES

SOLENOID OPERATED DIRECTIONAL CONTROL VALVES

- High performance and reliability
- NFPA D03, D05, D05H, D07, D08 and D10 configurations
- Powerful wet armature
- Designed for mobile hydraulic or industrial applications
- Wide range of spool selection
- Soft-shift type, pilot choke or stroke limiters available
- DIN connectors or terminal box as standard
- AC or DC voltage

Solenoid-operated directional control valves					
Type	Description	Size	Activation	Flow USgpm (lpm)	Pressure psi (bar)
DSG-01	Subplate	D03	Solenoid	16 (60)	5000 (345)
DSG-03	Subplate	D05	Solenoid	30 (114)	5000 (345)
DMG-01	Subplate	D03	Lever	16 (60)	4500 (310)
DMG-03	Subplate	D05	Lever	30 (114)	4500 (310)
DCG-01	Subplate	D03	Cam	8 (30)	3000 (210)
DMT-03	Threaded	3/8	Lever	15 (57)	3625 (250)

Solenoid pilot-operated directional control valves					
Type	Description	Size	Activation	Flow USgpm (lpm)	Pressure psi (bar)
DSHG-03	Subplate	D05H	Solenoid	40 (150)	4500 (310)
DSHG-04	Subplate	D07	Solenoid	60 (227)	4500 (310)
DSHG-06	Subplate	D08	Solenoid	80 (303)	4500 (310)
DSHG-10	Subplate	D10	Solenoid	130 (492)	4500 (310)
DHG-03	Subplate	D05H	Hydraulic	40 (150)	4500 (310)
DHG-04	Subplate	D07	Hydraulic	60 (227)	4500 (310)
DHG-06	Subplate	D08	Hydraulic	80 (303)	4500 (310)
DHG-10	Subplate	D10	Hydraulic	130 (492)	4500 (310)
DMT-04	Threaded	1/2	Lever	25 (95)	3625 (250)
DMT-06	Threaded	3/4	Lever	50 (189)	3625 (250)
DMT-10	Threaded	1-1/4	Lever	80 (303)	3625 (250)

VALVES

MODULAR VALVES

- Complete integration of the hydraulic circuit
- Full range to meet your system requirements
- Space-saving system
- Mounted on NFPA D03, D05, D07 and D08
- Plastic hand knobs with locknuts

Type	Description	Size	Flow USgpm (lpm)	Pressure psi (bar)	
MBP-01, MBA-01, MBB-01	Relief on P, A or B	D03, D05, D07, D08	13,2 (50)	3600 (250)	
MBP-03, MBA-03, MBB-03			26,5 (100)		
MBP-04, MBA-04, MBB-04			50,2 (190)		
MBP-06, MBA-06, MBB-06			79,3 (300)		
MBW-01	Relief on A and B	D03, D05	13,2 (50)	3600 (250)	
MBW-03			26,5 (100)		
MRP-01, MRA-01, MRB-01	Pressure reducing on P, A or B	D03, D05, D07, D08	13,2 (50)	3600 (250)	
MRP-03, MRA-03, MRB-03			26,5 (100)		
MRP-04, MRA-04, MRB-04			50,2 (190)		
MRP-06, MRA-06, MRB-06			79,3 (300)		
MSP-01	Flow control on P	D03, D05, D08	13,2 (50)	3600 (250)	
MSP-03			26,5 (100)		
MSP-06			79,3 (300)		
MSA-01, MSB-01	Flow control with check on A or B	D03, D05, D07, D08	13,2 (50)	3600 (250)	
MSA-03, MSB-03			26,5 (100)		
MSA-04, MSB-04			50,2 (190)		
MSA-06, MSB-06			79,3 (300)		
MSW-01	Flow control with check on A and B	D03, D05, D07, D08	13,2 (50)	3600 (250)	
MSW-03			26,5 (100)		
MSW-04			50,2 (190)		
MSW-06			79,3 (300)		
MCP-01, MCT-01, MCA-01, MCB-01	Check valve on P, T, A or B	D03, D05, D08	13,2 (50)	3600 (250)	
MCP-03, MCT-03, MCA-03, MCB-03			26,5 (100)		
MCP-06, MCT-06, MCA-06, MCB-06			79,3 (300)		
MSCA-01, MSCB-01	Solenoid check valve on A or B	D03, D05	5,3 (20)	3045 (210)	
MSCA-03, MSCB-03			10,5 (40)		
MSCW-01	Solenoid check valve on A and B	D03, D05	5,3 (20)	3045 (210)	
MSCW-03			10,5 (40)		

Type	Description	Size	Flow USgpm (lpm)	Pressure psi (bar)	
MPA-01, MPB-01	Pilot-operated check valve on A or B	D03, D05, D07, D08	13,2 (50)	3600 (250)	
MPA-03, MPB-03			26,5 (100)		
MPA-04, MPB-04			50,2 (190)		
MPA-06, MPB-06			79,3 (300)		
MPW-01	Pilot-operated check valve on A and B	D03, D05, D07, D08	13,2 (50)	3600 (250)	
MPW-03			26,5 (100)		
MPW-04			50,2 (190)		
MPW-06			79,3 (300)		
MHP-01	Sequence valve on P	D03, D05, D08	13,2 (50)	3600 (250)	
MHP-03			26,5 (100)		
MHP-06			79,3 (300)		
MDC	Blank cover plate	D03, D05	-	-	
DNM-P, A, B (040K)	Pressure switch on P, A or B	D03, D05	-	87-580 (6-40)	
DNM-P, A, B (100K)			-	220-1450 (15-100)	
DNM-P, A, B (250K)			-	580-3600 (40-250)	
DNM-W (040K)	Pressure switch on A and B	D03, D05	-	87-580 (6-40)	
DNM-W (100K)			-	220-1450 (15-100)	
DNM-W (250K)			-	580-3600 (40-250)	
VT-18	Shuttle valve	D03, D05	5,3 (20)	3045 (210)	

VALVES

SUBPLATES AND BAR MANIFOLDS

- Offered in aluminum, cast iron or steel
- NFPA D03, D05, D07, D08 and D10 configurations
- Parallel or series circuit of up to 10 stations
- Bottom or side ported subplates
- Incorporated relief valve, high/low circuit or unloader available

Series	Type	Size	Sections	Pressure psi (bar)	Porting
M01	Steel subplate	D03	1	5100 (350)	Bottom and side, NPT and SAE
M03		D05			
M04	Cast iron subplate	D07		4565 (315)	
M06		D08			
M10		D10			
PBLD03	Aluminum subplate with optional relief	D03		3045 (210)	Side, SAE
PBLD05		D05			
PBLD07		D07			
PBLD08		D08			
PBLD03/VEP	Aluminum subplate with hi-low	D03			
PBLD05/VEP		D05			
PBLD07/VEP		D07			
PBLD08/VEP		D08			
PBLD03P	Aluminum manifold with optional relief, parallel circuit	D03	2-10	5100 (350)	
PBLD05P		D05	2-6		
PBLD03S	Aluminum manifold with optional relief, series circuit	D03	2-4	3045 (210)	
PBLD05S		D05	2-3		
MSSD03	Steel subplate with optional relief	D03	1	5100 (350)	
MSSD05		D05			
MMSD03	Steel manifold with optional relief and unloader	D03	2-8	5100 (350)	
MMSD05		D05			

VALVES

PILOT CONTROL VALVES

- Hydraulic control joysticks, single or double axis
- Cable remote control, single or double axis
- Arranged for coupling with different types of handles
- Pedal hydraulic pilot valves
- For fine proportional control

Hydraulic pilot control valves					
Type	Features	Nb. of ports	Nominal flow USgpm (lpm)	Inlet pressure psi (bar)	Threads (SAE)
Single axis					
SVM100	1-10 sections, side P-T	2-20	1,3 to 5,3 (5 to 20)	435 to 1450* (30 to 100)	4
SVM101	1-10 sections	2-20	1,3 to 5,3 (5 to 20)		4
Double axis					
SVM400	Joystick	4	1,3 to 5,3 (5 to 20)	435 to 1450* (30 to 100)	4
SVM400-EMD	Electomagnetic detent	4	1,3 to 5,3 (5 to 20)		4
Single and Double axis					
SVM600	Electromagnetic detent	6	1,3 to 5,3 (5 to 20)	435 to 1450* (30 to 100)	4
Foot-pedal					
SVM500	Rocker pedal	2	1,3 to 5,3 (5 to 20)	435 to 1450* (30 to 100)	4
SVM510	Single pedal, side P-T	1	1,3 to 5,3 (5 to 20)		4
SVM520	Double pedal, side P-T	2	1,3 to 5,3 (5 to 20)		4
SVM540	Double rocker pedal, side ports	4	1,3 to 5,3 (5 to 20)		4
Manual					
SVM700	Hand wheel, side P-T	1	1,3 to 5,3 (5 to 20)	435 to 1450* (30 to 100)	4
SVM710	Pusher, side P-T	1	1,3 to 5,3 (5 to 20)		4

*: Pmax = 30 bar/435 psi with electromagnetic detent

Flexible cable remote controls			
Type	Configuration	Nb. of sections	Section distance in (mm)
TCC5	Sectional, single axis	1-10	1,57 (40)
TCC10	Sectional, single axis	1-10	1,77 (45)
SCF031	Double axis	2	-

Note: Flexible cables are available in different lengths.

VALVES

PNEUMATIC CONTROL VALVES

- Single or double axis
- Stackable with up to 8 sections
- Easily fitted in consoles
- Different handles available

Type	Configuration	Nr. of ports	Port location		Nominal flow ft^3/min (dm^3/min)	Inlet pressure psi (bar)	Threads (NPT)
			P-T	Users			
Double axis							
SP01	Monobloc	4	bottom	bottom	12,4 (350)	145 (10)	1/8-27
Single axis							
SP30	Sectional, large size	2-16	side	bottom	12,4 (350)	145 (10)	1/8-27
SPM100CX	Sectional, medium size	2-16	side	bottom	11,7 (312)	142 (9.8)	1/8-27
SPM400CX	Sectional, medium size	2	side	bottom	11,7 (312)	142 (9.8)	1/8-27

VALVES

HYDRAULIC VALVES

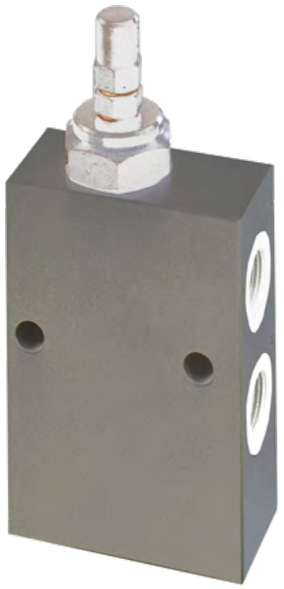
- Relief, reducing and sequence
- Unloader and hi-low
- Check and pilot-operated check
- Needle and flow control
- Counterbalance
- Solenoid and automatic reversing
- Aluminum or steel body

Pressure relief			
Type	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
VMP/B/L	Direct-acting	26 (100)	5100 (350)
VMPP/B/L	Pilot-operated	32 (120)	5100 (350)
VMP/VE	Electric venting	66 (250)	5100 (350)
VAIL - VAIL/T	Direct-acting, shock-resistant	48 (180)	5100 (350)
VADDL	Differential, piston-type, shock-resistant	48 (180)	5100 (350)
VAIL/VA	Shock-resistant, anti-cavitation, direct-acting	26 (80)	5100 (350)
VADDL/VA	Shock-resistant, anti-cavitation, differential	48 (180)	5100 (350)
DT-01	Direct-acting, NPT 1/8" , NPT 3/8"	4,2 (16)	3600 (250)
DT-02	Direct-acting, NPT 1/4"	4,2 (16)	3600 (250)
BT-03	Pilot-operated, NPT 3/8"	12 (45)	3600 (250)
BT-04	Pilot-operated, NPT 1/2"	25 (95)	3600 (250)
BT-06	Pilot-operated, NPT 3/4"	40 (150)	3600 (250)
BT-10	Pilot-operated, NPT 1-1/4"	80 (303)	3600 (250)
VMD5J	Direct-acting, SAE 8	10 (40)	5100 (350)
VMD10Y	Direct-acting, SAE 10	26 (100)	5100 (350)
VMD20Y	Direct-acting, SAE 12	42 (160)	5100 (350)
VMD25Y	Direct-acting, SAE 16	53 (200)	5100 (350)
VMP150	Pilot-operated, SAE 10	24 (90)	5100 (350)
VMP20	Pilot-operated, SAE 12	53 (200)	5100 (350)
VMP25	Pilot-operated, SAE 16	66 (250)	5100 (350)

VALVES

HYDRAULIC VALVES

Pressure reducing			
Type	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
VRPRL	With relieving and reverse free-flow check	13 (50)	5100 (350)
VRPRL/U	With relieving	13 (50)	5100 (350)
RCT-03	Reducing, NPT 3/8"	12 (45)	3600 (250)
RCT-06	Reducing, NPT 3/4"	32 (121)	3600 (250)
RCT-10	Reducing, NPT 1-1/4"	65 (246)	3600 (250)



VALVES

HYDRAULIC VALVES

Sequence			
Type	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
VDSD/B..	Differential	53 (200)	5100 (350)

Unloader			
Type	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
VDA	Single-acting	26 (100)	5100 (350)

Two pump “hi-low” unloading			
Type	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
VEP	Single-acting	66 (250)	5100 (350)

Check			
Type	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
VUS	Ball type	40 (150)	5800 (400)
VUC	Poppet type	92 (350)	5800 (400)
VUS/INC	Cartridge type	21 (80)	5100 (350)
VT	Shuttle	40 (150)	5800 (400)
VBD	Double-acting	18 (70)	5100 (350)
CVT	Poppet type	100 (379)	3600 (250)

HYDRAULIC VALVES

Pilot-operated check			
Type	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
VUPSL	Single-acting, in-line	40 (150)	5100 (350)
VBPSL-VBPSL/T	Single-acting	26 (100)	3050 (210)
VBPSL/R	Single-acting with shut-off valves	13 (50)	3050 (210)
VBPDL-VBPDL/T	Double-acting	26 (100)	3050 (210)
VBPDF	Double-acting, face-mounting	26 (100)	3050 (210)

Needle			
Type	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
VSRU	Ball type	40 (150)	6500 (450)
VSRU/C	Poppet type	66 (250)	5800 (400)
VRFB	Bidirectional	29 (110)	5100 (350)
FT	Throttle	21 (80)	3600 (250)
FTC	Throttle with free flow	21 (80)	3600 (250)
UT	Throttle	25 (95)	5000 (345)
GCT	Needle	80 (303)	4500 (310)
SRCT	One-way restrictor	60 (227)	3600 (250)

HYDRAULIC VALVES

Pressure-compensated flow control			
Type	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
VPR/2/RL/EX	2-way	9.2 (35)	4350 (300)
VPR/3/ET	3-way	92 (350)	5100 (350)
VPR/3/ET/RL	3-way with reverse free flow	40 (150)	5100 (350)
VPR/3/ET/VMP	3-way with VMP	92 (350)	5100 (350)
VPR/3/ET/RL/VMP	3-way with reverse free flow	40 (150)	5100 (350)
VPR/3/EP	3-way, exceeding flow to pressure	118 (450)	5100 (350)
VPR/3/ET...+VE	3-way, electric venting	63 (240)	5100 (350)
VPR/3/EP...+VE	3-way, exceeding flow to pressure, electric venting	118 (450)	5100 (350)
VPR/3/...+VE/LPD	3-way, exceeding flow to pressure, electric venting	118 (450)	5100 (350)
VFCR	3-way, cast iron, built-in relief	30 (114)	3000 (210)
VDFR	Flow divider/combiner	66 (250)	5100 (350)

HYDRAULIC VALVES

Counterbalance (overcentre)			
Type	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
VOSL, VOSL/SC	Single-acting	48 (180)	5100 (350)
VODL, VODL/SC	Double-acting	48 (180)	5100 (350)
VOSL/N1116-N1516	Load sensitive	40 (150)	5100 (350)
VOSL/R1116	Relief-compensated	16 (60)	5100 (350)
VOSL/V1116-V1516	Vented	40 (150)	5100 (350)
VOSLP/N1116	Load sensitive with external pilot	16 (60)	5100 (350)
VOSLP/R1116	Relief-compensated with external pilot	16 (60)	5100 (350)
VODL/N1116-N1516	Load sensitive	40 (150)	5100 (350)
VODL/R1116	Relief-compensated	16 (60)	5100 (350)
VODL/V1116-V1516	Vented	40 (150)	5800 (400)

HYDRAULIC VALVES

Directional solenoid			
Type	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
VE/B	2-way with emergency	42 (160)	5100 (350)
VE/B/VMP/VUI/SR	Block for single-acting cylinder	40 (150)	5100 (350)

Automatic reversing			
Type	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
SD4/IAM	Mechanical control	9,2 (35)	3050 (210)
SD11/IAM	Mechanical control	17 (65)	3050 (210)
VIA/AP/6-38	Hydraulic face-mounting D03	8 (30)	3050 (210)
VIA/AP/10-12	Hydraulic face-mounting D05	16 (60)	3050 (210)
VIA/AP CMEB	Mechanical and hydraulic control in-line	16 (60)	3050 (210)

VALVES

SAE CARTRIDGE VALVES

- Available in cavity 08, 09, 10, 12 and 16
- 2-, 3- or 4-way
- Relief, reducing and sequence
- Check and pilot-operated
- Counterbalance
- Directional solenoid control

Pressure relief				
Type	SAE cavity	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
MC..A	8-10-12	Direct-acting	26 (100)	5100 (350)
MC..M	10	Direct-acting, guided poppet	18 (70)	3770 (260)
MC..R	8-9-10	Direct-acting, guided poppet	13 (50)	5100 (350)
MC..Y	8	Proportional (NO)	0,3 (1)	5100 (350)
MC..T	10	Proportional (NC)	0,9 (3)	5100 (350)
MC..X	10	Proportional (NC)	0,9 (3)	5100 (350)
MG..A	10-12	Differential	26 (100)	5100 (350)
MP..A	10-12-16	Pilot-operated	48 (180)	5100 (350)
MP..Y	16	Pilot-operated (NO)	40 (150)	5100 (350)
MP..T	10-12	Pilot-operated (NC)	32 (120)	5100 (350)
MP..X	10-12	Pilot-operated (NO)	32 (120)	5100 (350)
MD..M	10-12	Direct valves, damped	26 (100)	5100 (350)

VALVES

SAE CARTRIDGE VALVES

Pressure reducing				
Type	SAE cavity	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
RB..A	8-10	Direct-acting without relieving	8 (30)	5100 (350)
RD..A	8-10	Direct-acting with relieving	8 (30)	5100 (350)
RD..W	8	Direct-acting with relieving (NO)	1 (4)	5100 (350)
RD..T	8	Direct-acting with relieving (NO)	1 (4)	650 (45)
RD..S	8	Direct-acting with relieving (NO)	3 (12)	510 (35)
RM..A	10-12-16	Pilot-operated without relieving	40 (150)	5100 (350)
RP..A	10-12-16	Pilot-operated with relieving	40 (150)	5100 (350)
RM..W	10-12-16	Pilot-operated without relieving (NO)	40 (150)	5100 (350)
RP..W	10-12-16	Pilot-operated with relieving (NC)	40 (150)	5100 (350)
RP..X	8	Pilot-operated with relieving (NO)	4 (15)	5100 (350)

Sequence				
Type	SAE cavity	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
SE..A	8-10	External pilot	5 (20)	3050 (210)
SG..A	12	External pilot and drain	13 (50)	4350 (300)
SW..A	10-12-16	Kick-down	48 (180)	5100 (350)
SP..A	10	Not affected by back pressure	13 (50)	5100 (350)

Check				
Type	SAE cavity	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
UC..A	8-10-12-16	Poppet type	26 (100)	5100 (350)
UT..A	8-10	Shuttle	5 (20)	5100 (350)

Pilot-operated check				
Type	SAE cavity	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
BC..A	8-10-12-16	1:3 - 1:4	26 (100)	5100 (350)
BC..C	10	1:3 - 1:4	16 (60)	5100 (350)
BC..B	10-12-16	1:3 - 1:4	26 (100)	5100 (350)

Needle				
Type	SAE cavity	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
NB..A	8-10-12-16	-	26 (100)	5100 (350)
NU..A	8-10-12-16	With free flow	26 (100)	5100 (350)
NT..A	8-10-12-16	With free flow	26 (100)	5100 (350)

Pressure-compensated flow control				
Type	SAE cavity	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
PU..A	8-10-12-16	2-way, manual	24 (90)	5100 (350)
PU..X	8-10-12-16	2-way, electro-proportional	24 (90)	4600 (315)
PW..A	8-10-12-16	2-way, manual with free flow	24 (90)	5100 (350)
PP..A	8-10-12-16	3-way, manual	24 (90)	5100 (350)
PP..X	8-10-12-16	3-way, electro-proportional	24 (90)	4600 (315)
PD..B	10-12-16	4-way, flow divider/combiner	40 (150)	3050 (210)

Counterbalance (overcentre)				
Type	SAE cavity	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
CA..A	10-12-16	Load sensitive	24 (90)	5100 (350)
CC..A	10-12-16-20	Not affected by back pressure	40 (150)	5100 (350)

VALVES

SAE CARTRIDGE VALVES

Directional solenoid				
Type	SAE cavity	Features	Nominal flow USgpm (lpm)	Max. pressure psi (bar)
EE..A	8-10-12	2-way, direct-acting, NO or NC	11 (40)	3050 (210)
EA..A	8	2-way, direct-acting, NO or NC	0,3 (1)	5100 (350)
EC..M	8-10-12-16	2-way, pilot-operated, NO or NC	40 (150)	5500 (380)
EF..M	8-10-12-16	2-way, pilot-operated, NO or NC	40 (150)	5500 (380)
EW..	8-10-12	2-way, direct-acting, 2 check, NO or NC	40 (150)	3050 (210)
EJ..F	8	3-way, direct-acting for low pressure	3 (12)	700 (50)
EJ..G	8	3-way, direct-acting for high pressure	0,3 (1)	5100 (350)
EJ..M	8-10	3-way, direct-acting	11 (40)	3050 (210)
EJ..A	12	3-way, direct-acting	11 (40)	3050 (210)
EL..C	8-10	3-way, direct-acting with check	5,3 (20)	3050 (210)
ER..M	8-10	4-way, direct-acting	11 (40)	3050 (210)
ER..A	12	4-way, direct-acting	11 (40)	3050 (210)
ET..M	8-10	4-way, direct-acting	11 (40)	3050 (210)
ET..A	12	4-way, direct-acting	11 (40)	3050 (210)

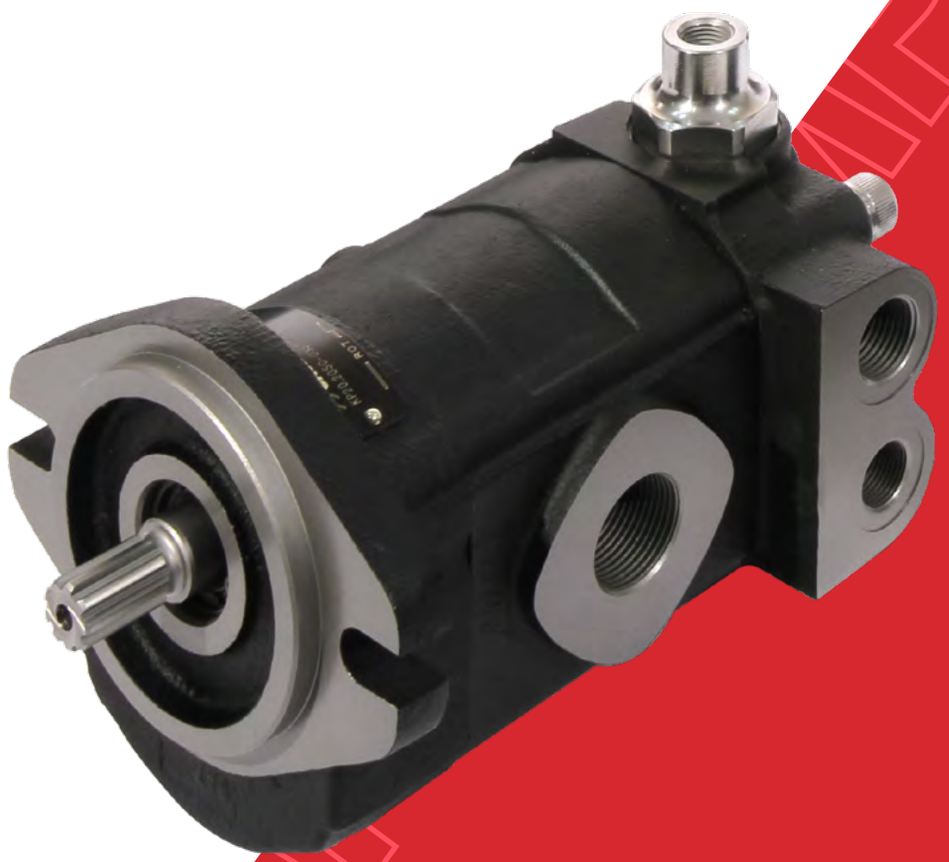
VALVES

DIVERTER VALVES

- Available from 2-way to 12-way
- With mechanical or rotary control
- Electrical On/Off solenoid control
- Hydraulic or pneumatic operation

Type	Nominal flow (static working conditions) USgpm (lpm)	Operating pressure (static working conditions) psi (bar)	Nb. of ways	Threads (SAE)
Mechanical rotary spool control ▲				
DH5	16 (60)	4600 (315)	3/4/6/8	8
DH10	24 (90)	4600 (315)	3/4/6/8	10
DH20	37 (140)	4600 (315)	3/4/6/8	12
DH25	53 (200)	3600 (250)	3/4/6/8	16
DH30	74 (280)	3050 (210)	3/6	24
Mechanical spool control				
DF5	16 (60)	4600 (315)	2/3/6	8
DF10	24 (90)	4600 (315)	2/3/6	10
DF20	37 (140)	4600 (315)	2/3/6	12, 16
DF25	74 (280)	4600 (315)	3	16
Solenoid operated monobloc type				
DFE052	16 (60)	2900/4600* (200/315*)	2/3/6/8	8
DFE102	24 (90)	2900/4600* (200/315*)	3/6	10
DFE20	37 (140)	2900/4600* (200/315*)	3/6	12, 16
Solenoid operated sectional type				
DFE080	6,6 (25)	2900/4600* (200/315*)	6/8/10	4
DFE100	13 (50)	2900/4600* (200/315*)	6/8/10	8
DFE140	21 (80)	2900/4600* (200/315*)	6/8/10	10
Designed for front-end loader applications				
DFE110	24 (90)	2900/4600* (200/315*)	12	10
Designed for steering applications				
DFE085	6,6 (25)	3050 (210)	4	8
Designed for joystick pattern selections				
DHV080	2,6 (10)	1450 (100)	8	4
DFEV080	1,5 (6)	725 (50)	8	4

Notes:(*): With drain
(▲): DH rotary valves can only be operated without pressure (max. 25 bar/360 psi)



PUMPS

PUMPS

ALUMINUM GEAR PUMPS

- Highest volumetric and overall efficiency
- The most complete range of drive shafts
- Multiple units

POLARIS 10	Displacement in³/rev (cm³/rev)	Cont. pressure psi (bar)	Max. speed RPM
PLP10•1	0,07 (1,07)	3770 (260)	4000
PLP10•1,5	0,10 (1,60)	3770 (260)	4000
PLP10•2	0,13 (2,13)	3770 (260)	4000
PLP10•2,5	0,16 (2,67)	3770 (260)	4000
PLP10•3,15	0,20 (3,34)	3770 (260)	4000
PLP10•4	0,26 (4,27)	3625 (250)	4000
PLP10•5	0,33 (5,34)	3625 (250)	4000
PLP10•5,8	0,38 (6,20)	3335 (250)	3500
PLP10•6,3	0,41 (6,67)	3335 (230)	3500
PLP10•8	0,52 (8,51)	2610 (180)	3500
PLP10•10	0,65 (10,67)	2030 (140)	3500

PUMPS

PUMPS

ALUMINUM GEAR PUMPS

POLARIS 20	Displacement in³/rev (cm³/rev)	Cont. pressure psi (bar)	Max. speed RPM
PLP20•4	0,30 (9,95)	3625 (250)	4000
PLP20•6,3	0,40 (6,61)	3625 (250)	4000
PLP20•7,2	0,44 (7,29)	3625 (250)	4000
PLP20•8	0,50 (8,26)	3625 (250)	3500
PLP20•9	0,56 (9,17)	3625 (250)	3500
PLP20•10,5	0,66 (10,90)	3625 (250)	3500
PLP20•11,2	0,69 (11,23)	3625 (250)	3500
PLP20•14	0,89 (14,53)	3625 (250)	3500
PLP20•16	1,03 (16,85)	3625 (250)	3000
PLP20•19	1,16 (19,09)	2900 (200)	3000
PLP20•20	1,29 (21,14)	2900 (200)	3000
PLP20•24,5	1,52 (24,84)	2465 (170)	2500
PLP20•25	1,61 (24,62)	2465 (170)	2500
PLP20•27,8	1,72 (28,21)	1885 (130)	2000
PLP20•31,5	2,01 (33,03)	1885 (130)	2000

PUMPS

ALUMINUM GEAR PUMPS

POLARIS 30	Displacement in^3/rev (cm^3/rev)	Cont. pressure psi (bar)	Max. speed RPM
PLP30•22	1,34 (21,99)	3625 (250)	3000
PLP30•27	1,63 (26,70)	3625 (250)	3000
PLP30•34	2,11 (34,55)	3480 (240)	3000
PLP30•38	2,40 (39,27)	3480 (240)	3000
PLP30•43	2,68 (43,98)	3335 (230)	3000
PLP30•51	3,16 (51,83)	3045 (210)	2500
PLP30•61	3,74 (61,26)	2755 (190)	2500
PLP30•73	4,50 (73,82)	2465 (170)	2500
PLP30•82	4,98 (81,68)	2320 (160)	2200
PLP30•90	5,56 (91,10)	2175 (150)	2200

PUMPS

CAST IRON GEAR PUMPS

- Two or three-piece cast iron construction
- Wide range of drive shafts and mounting flanges
- Multiple units with common inlet
- 2-stage log-splitter pumps available

PHP 20	Displacement in^3/rev (cm^3/rev)	Cont. pressure psi (bar)	Max. speed RPM
PHP20•8	8,26 (0,50)	3625 (250)	3500
PHP20•11,2	11,23 (0,69)	3625 (250)	3500
PHP20•14	14,53 (0,89)	3625 (250)	3500
PHP20•16	16,85 (1,03)	3625 (250)	3500
PHP20•19	1,16 (19,09)	3625 (250)	3500
PHP20•20	1,29 (21,14)	3625 (250)	3500
PHP20•23	1,42 (23,32)	3625 (250)	3000
PHP20•24.5	1,52 (24,84)	3335 (230)	3000
PHP20•25	1,61 (26,42)	3335 (230)	3000
PHP20•27,8	1,72 (28,21)	2900 (200)	2500
PHP20•31,5	2,01 (33,03)	2900 (200)	2500

PUMPS

CAST IRON GEAR PUMPS

KAPPA compact 20	Displacement in^3/rev (cm^3/rev)	Cont. pressure psi (bar)	Max. speed RPM
KP20•4	0,30 (4,95)	4133 (285)	4000
KP20•6,3	0,40 (6,61)	4133 (285)	4000
KP20•8	0,50 (8,26)	4133 (285)	3500
KP20•11,2	0,69 (11,23)	3988 (275)	3500
KP20•14	0,89 (14,53)	3843 (265)	3500
KP20•16	1,03 (16,85)	3770 (260)	3000
KP20•20	1,29 (21,14)	3045 (210)	3000
KP20•25	1,61 (26,42)	2610 (180)	2500
KP20•31,5	2,01 (33,03)	2030 (140)	2000

PUMPS

PUMPS

CAST IRON GEAR PUMPS

KAPPA compact 30	Displacement in^3/rev (cm^3/rev)	Cont. pressure psi (bar)	Max. speed RPM
KP30•27	1,63 (26,70)	4060 (280)	3000
KP30•34	2,11 (34,56)	3770 (260)	3000
KP30•38	2,40 (39,27)	3770 (260)	3000
KP30•43	2,68 (43,98)	3625 (250)	3000
KP30•51	3,16 (51,83)	3335 (230)	2500
KP30•56	3,45 (56,54)	3118 (215)	2500
KP30•61	3,74 (61,26)	2900 (200)	2500
KP30•73	4,50 (73,82)	2610 (180)	2500

PUMPS

CAST IRON GEAR PUMPS

KAPPA compact 40	Displacement in^3/rev (cm^3/rev)	Cont. pressure psi (bar)	Max. speed RPM
KP40•63	3,75 (61,43)	4350 (300)	2800
KP40•73	4,43 (72,60)	4350 (300)	2800
KP40•87	5,28 (86,56)	4060 (280)	2800
KP40•109	6,64 (108,90)	3625 (250)	2800
KP40•121	7,43 (121,80)	3335 (230)	2500
KP40•133	8,18 (134,03)	3190 (220)	2500
KP40•151	9,20 (150,79)	2900 (200)	2500

PUMPS

PUMPS

CAST IRON GEAR PUMPS

2-stage pumps	Flow (USgpm) at 3600 RPM	Pressure (psi)		Threads	
		Low	High	in	out
HLGP10.6,3/2,1	8	400/900	3000	1" pipe	NPT 1/2"
HLGP10.6,3/3,0	8,5				
HLGP10.6,3/3,6	9				
HLGP10.8,8/2,1	10				
HLGP10.8,8/3,0	10,5				
HLGP10.8,8/3,6	11				
HLGP10.8,8/4,2	11,5				
HLGP10.10,9/2,1	12				
HLGP10.10,9/3,0	12,5				
HLGP10.10,9/3,6	13				
HLGP10.10,9/4,2	13,5				
HLGP10.13,0/3,0	15				
HLGP10.13,0/4,2	16				
HLGP20.15,2/7,6	22	400/900	3000	NPT 1"	NPT 3/4"
HLGP20.22,9/7,6	28				

PUMPS

PISTON PUMPS

- Energy saving system
- Minimum and maximum stroke displacement limiters
- Load-sensing, torque limiter or pressure-compensated control
- For mobile and industrial applications
- Multiple pump configuration available

PUMPS

INDUSTRIAL

LVP	Displacement in^3/rev (cm^3/rev)	Cont. pressure psi (bar)	Max. speed RPM
LVP30	1,75 (28,7)	4060 (280)	3000
LVP48	2,77 (45,4)	4060 (280)	2600
LVP75	4,49 (75,6)	4060 (280)	2600
LVP90	5,36 (87,90)	3625 (250)	2200

PV	Displacement in^3/rev (cm^3/rev)	Cont. pressure psi (bar)	Max. speed RPM
PV08	0,50 (8,0)	4000 (280)	2000
PV16	1,01 (16,5)	4000 (280)	2000
PV22	1,34 (22,2)	4000 (280)	2000
PV36	2,14 (36,0)	4000 (280)	2000
PV46	2,76 (46,0)	4000 (280)	2000
PV70	4,27 (70,0)	4000 (280)	1800
PV100	6,10 (100,0)	4000 (280)	1800

PUMPS

MOBILE

MVP	Displacement in³/rev (cm³/rev)	Cont. pressure psi (bar)	Max. speed RPM
MVP30.28	1,71 (28,0)	4060 (280)	3500
MVP30.34	2,12 (34,8)	3625 (250)	2900
MVP48.45	2,75 (45,0)	4060 (280)	3000
MVP48.53	3,28 (53,7)	3625 (250)	2500
MVP60.60	3,66 (60,0)	4060 (280)	3000
MVP60.72	4,39 (72,0)	4060 (280)	2700
MVP60.84	5,17 (84,7)	3625 (250)	2500

PUMPS

VARIABLE DISPLACEMENT VANE PUMPS

- Ideal for industrial applications
- Low noise level and long service life
- Compact design
- Maximum flow adjustment
- Tandem pump configuration available

Vane	Displacement in³/rev (cm³/rev)	Pressure psi (bar)	Max. speed RPM
PVF12	0,41 (6,7)	1015 (70)	1800
PVF20	0,68 (11,1)	1015 (70)	1800
PVF30	1,02 (16,7)	1015 (70)	1800
PVF40	1,34 (22,2)	1015 (70)	1800
VP5F-A	1,02 (16,7)	2030 (140)	1800
VP5F-B	1,34 (22,2)	2030 (140)	1800

PUMPS

HYDRAULIC HAND PUMPS

- Available with integrated relief
- 4-way control and shut-off valve
- Modular design
- Tank size from 1 to 10 liters

EP	Displacement in^3/rev (cm^3/rev)	Max. pressure psi (bar)
EP 12	0,73 (12)	4568 (315)
EP 25	1,53 (25)	3625 (250)
EP 45	2,75 (45)	3190 (220)

BECAUSE EVERY INDUSTRY AIMS FOR EXCELLENCE

FLOW DIVIDERS

FLOW DIVIDERS

GEAR FLOW DIVIDERS

- Aluminum or cast iron construction
- Modular design
- Accurate flow division
- Compact overall dimension
- Built-in relief valve

POLARIS 10	Displacement in^3/rev (cm^3/rev)	Pressure psi (bar)	Maximum flow per section USgpm (lpm)
PLD 10•2	0,12 (2,0)	3600 (250)	2,4 (9)
PLD 10•3,15	0,19 (3,1)	3600 (250)	3,5 (13)
PLD 10•4	0,24 (4,0)	3600 (250)	4,3 (16)
PLD 10•5	0,30 (4,9)	3600 (250)	5,2 (20)
PLD 10•6,3	0,38 (6,2)	3600 (250)	6,1 (23)

FD10	Displacement in^3/rev (cm^3/rev)	Pressure psi (bar)	Maximum flow per section USgpm (lpm)
FD10.1,6	0,01 (1,6)	3500 (240)	1,7 (6,4)
FD10.2,1	0,13 (2,1)	3500 (240)	2,5 (9,5)
FD10.3,2	0,19 (3,2)	3500 (240)	4,5 (17,0)
FD10.4,2	0,26 (4,2)	3500 (240)	5,0 (18,9)
FD10.5,3	0,32 (5,3)	3500 (240)	6,0 (22,7)
FD10.6,3	0,39 (6,4)	3500 (240)	7,0 (26,5)
FD10.7,4	0,45 (7,4)	3500 (240)	8,0 (30,3)
FD10.8,4	0,52 (8,4)	3500 (240)	9,0 (34,1)

FLOW DIVIDERS

FLOW DIVIDERS

GEAR FLOW DIVIDERS

POLARIS 20	Displacement in^3/rev (cm^3/rev)	Pressure psi (bar)	Maximum flow per section USgpm (lpm)
PLD 20•4	0,29 (4,8)	3600 (250)	5,3 (20,4)
PLD 20•6,3	0,39 (6,5)	3600 (250)	6,9 (26,1)
PLD 20•80	0,50 (8,3)	3600 (250)	8,4 (31,7)
PLD 20•11,2	0,67 (11,1)	3600 (250)	10,8 (40,9)
PLD 20•14	0,87 (14,4)	3600 (250)	13,2 (50,0)
PLD 20•16	1,01 (16,6)	3000 (200)	14,8 (55,9)
PLD 20•20	1,27 (20,8)	3000 (200)	17,4 (65,7)
PLD 20•25	1,58 (26,0)	3000 (200)	20,1 (76,2)
PLD 20•31,5	1,99 (32,6)	3000 (200)	23,1 (87,4)

FD20	Displacement in^3/rev (cm^3/rev)	Pressure psi (bar)	Maximum flow per section USgpm (lpm)
FD20.6	0,37 (6,0)	3625 (250)	4,8 (18,0)
FD20.8	0.49 (8,0)	3625 (250)	5,8 (22,0)
FD20.11	0,67 (11,0)	3625 (250)	7,1 (27,0)
FD20.14	0,85 (14,0)	3190 (220)	9,0 (34,0)
FD20.17	1,04 (17,0)	3190 (220)	9,8 (37,0)
FD20.25	1,53 (25,0)	3190 (220)	14,0 (53,0)
FD20.31	1,89 (31,0)	2610 (180)	18,5 (70,0)

FLOW DIVIDERS

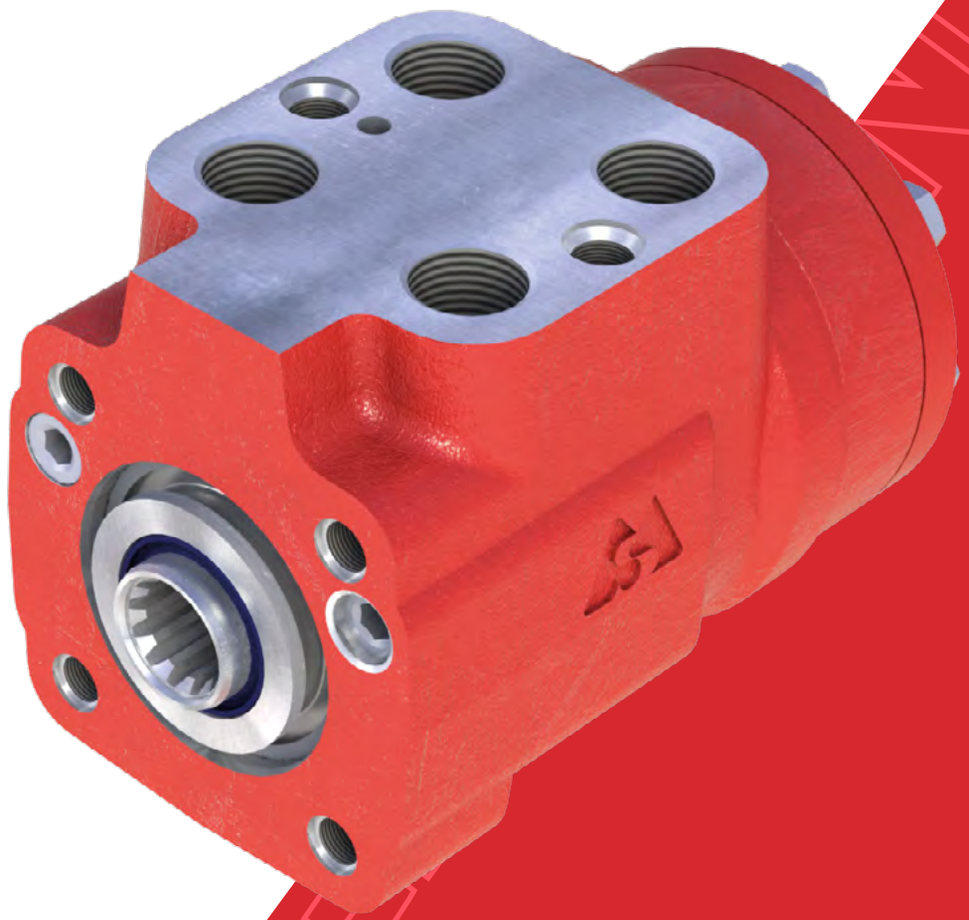
GEAR FLOW DIVIDERS

MAGNUM 30	Displacement in^3/rev (cm^3/rev)	Pressure psi (bar)	Maximum flow per section USgpm (lpm)
HDD 30•17	1,05 (17,2)	4050 (280)	13,6 (51,6)
HDD 30•22	1,34 (21,9)	4050 (280)	17,4 (65,9)
HDD 30•27	1,63 (26,7)	4050 (280)	21,2 (80,1)
HDD 30•34	2,11 (34,5)	3900 (270)	27,4 (103,7)
HDD 30•43	2,68 (43,9)	3750 (260)	34,8 (131,7)
HDD 30•51	3,16 (51,8)	3350 (230)	34,2 (129,4)
HDD 30•61	3,74 (61,2)	2900 (200)	40,5 (153,2)
HDD 30•73	4,50 (73,8)	2750 (190)	39,0 (147,5)
HDD 30•82	4,98 (81,6)	2450 (170)	43,1 (163,2)

FLOW DIVIDERS

GEAR FLOW DIVIDERS

MAGNUM 35	Displacement in^3/rev (cm^3/rev)	Pressure psi (bar)	Maximum flow per section USgpm (lpm)
HDD35.50	3,09 (50,8)	4500 (310)	40,1 (151,9)
HDD35.63	3,87 (63,5)	4500 (310)	50,3 (190,2)
HDD35.71	4,38 (71,9)	4500 (310)	56,9 (215,3)
HDD35.80	4,90 (80,4)	4500 (310)	63,6 (240,9)
HDD35.90	5,55 (91,0)	4500 (310)	64,9 (245,5)
HDD35.100	6,06 (99,4)	4500 (310)	70,8 (268,1)
HDD35.112	6,84 (112,1)	4500 (310)	79,9 (302,6)
HDD35.125	7,61 (124,8)	4500 (310)	82,4 (311,7)



STEERING UNITS

STEERING UNITS

HKU - STANDARD SERIES

HKU	Circuit	Displacement in^3/rev (cm^3/rev)	Rated pressure psi (bar)
HKU40/7	CC, NLR	2,42 (39,6)	1810 (125)
HKU40/3,4	OC, LR or NLR		2030 (140)
HKU40/5T	CC, NRSS		1810 (125)
HKU40/4PB	OC, NLR, PB		1813 (125)
HKU50/3,4,7	OC or CC, LR or NLR	3 (49,5)	2030 (140)
HKU50/5T	CC, NRSS		2175 (150)
HKU50/4PB	OC, NLR, PB		1813 (125)
HKU63/3,4,7	OC or CC, LR or NLR	4 (65,6)	2465 (170)
HKU63/5T	CC, NRSS		2540 (175)
HKU63/4PB	OC, NLR, PB		1813 (125)
HKU80/3,4,7	OC or CC, LR or NLR	4,83 (79,2)	2465 (170)
HKU80/5T	CC, NRSS		2540 (175)
HKU80/4PB	OC, NLR, PB		1813 (125)
HKU100/3,4,7	OC or CC, LR or NLR	6,04 (99)	2465 (170)
HKU100/5T	CC, NRSS		2540 (175)
HKU100/4PB	OC, NLR, PB		1813 (125)
HKU125/3,4,7	OC or CC, LR or NLR	7,56 (123,8)	2465 (170)
HKU125/5T	CC, NRSS		2540 (175)
HKU125/4PB	OC, NLR, PB		1813 (125)
HKU160/3,4,7	OC or CC, LR or NLR	9,67 (158,4)	2465 (170)
HKU160/5T	CC, NRSS		2540 (175)
HKU200/3,4,7	OC or CC, LR or NLR	12,1 (198)	2465 (170)
HKU200/5T	CC, NRSS		2540 (175)
HKU250/3,4,7	OC or CC, LR or NLR	15,1 (247,5)	2465 (170)
HKU250/5T	CC, NRSS		2540 (175)
HKU320/3,4,7	OC or CC, LR or NLR	19,3 (316,8)	2465 (170)
HKU320/5T	CC, NRSS		2540 (175)
HKU400/3,4,7	OC or CC, LR or NLR	24,2 (396)	2465 (170)
HKU400/5T	CC, NRSS		2540 (175)
HKU500/4,7	OC or CC, NLR	30,2 (495)	2465 (170)
HKU500/5T	CC, NRSS		2540 (175)
HKU630/4,7	OC or CC, NLR	38,05 (623,6)	2030 140)
HKU630/5T	CC, NRSS		2540 (175)
HKU800/4,7	OC or CC, NLR	48,4 (793)	2030 (140)
HKU1000/4	OC, NLR	60,4 (990)	1450 (100)

STEERING UNITS

STEERING UNITS

HKUS - STANDARD SERIES WITH VALVES

HKUS	Circuit	Displacement in³/rev (cm³/rev)	Rated pressure psi (bar)
HKUS40/3,4,8	OC, LR or NLR	2,42 (39,6)	2030 (140)
HKUS40/5T, 5TE	CC, NRSS		1810 (125)
HKUS50/3,4,8	OC, LR or NLR	3 (49,5)	2465 (170)
HKUS50/5T, 5TE, 5RDT	CC, NRSS or LR		2175 (150)
HKUS63/3,4,8	OC, LR or NLR	4 (65,6)	2465 (170)
HKUS63/5T, 5TE, 5RDT	CC, NRSS		2540 (175)
HKUS80/3,4,8	OC, LR or NLR	4,83 (79,2)	2465 (170)
HKUS80/5T, 5TE, 5RDT	CC, NRSS		2540 (175)
HKUS100/3,4,8	OC, LR or NLR	6,04 (99)	2465 (170)
HKUS100/5T, 5TE, 5RDT	CC, NRSS		2540 (175)
HKUS125/3,4,8	OC, LR or NLR	7,56 (123,8)	2465 (170)
HKUS125/5T, 5TE, 5RDT	CC, NRSS		2540 (175)
HKUS160/3,4,8	OC, LR or NLR	9,67 (158,4)	2465 (170)
HKUS160/5T, 5TE, 5RDT	CC, NRSS		2540 (175)
HKUS200/3,4,8	OC, LR or NLR	12,1 (198)	2465 (170)
HKUS200/5T, 5TE, 5RDT	CC, NRSS		2540 (175)
HKUS250/3,4,8	OC, LR or NLR	15,1 (247,5)	2465 (170)
HKUS250/5T, 5TE	CC, NRSS		2540 (175)
HKUS320/3,4,8	OC, LR or NLR	19,3 (316,8)	2465 (170)
HKUS320/5T, 5TE	CC, NRSS		2540 (175)
HKUS400/3,4,8	OC, LR or NLR	24,2 (396)	2465 (170)
HKUS400/5T, 5TE	CC, NRSS		2540 (175)
HKUS500/3,4,8	OC, LR or NLR	30,2 (495)	2465 (170)
HKUS500/5T, 5TE	CC, NRSS		2540 (175)
HKUS630/5T, 5TE	CC, NRSS	38,05 (623,6)	2540 (175)

STEERING UNITS

STEERING UNITS

HKUL - LARGE SERIES

HKUL	Circuit	Displacement in³/rev (cm³/rev)	Rated pressure psi (bar)
HKUL..500/5DT	CC, NR	30,2 (495)	2540 (175)
HKUL..630/5DT	CC, NR	38,05 (623,6)	2540 (175)
HKUL..800/5DT	CC, NR	48,4 (793)	2540 (175)
HKUL..1000/5DT	CC, NR	60,4 (990)	2540 (175)

STEERING UNITS

HKUM - COMPACT SERIES

HKUM	Circuit	Displacement in^3/rev (cm^3/rev)	Rated pressure psi (bar)
HKUM32/4(PB)	OC, NLR	1,94 (31,8)	1810 (125)
HKUM40/4(PB)	OC, NLR	2,44 (40)	1810 (125)
HKUM50/4(PB)	OC, NLR	3,05 (50)	1810 (125)
HKUM63/4(PB)	OC, NLR	3,84 (63)	1810 (125)
HKUM70/4(PB)	OC, NLR	4,27 (70)	1810 (125)
HKUM80/4(PB)	OC, NLR	4,88 (80)	1810 (125)
HKUM100/4(PB)	OC, NLR	6,1 (100)	1810 (125)

STEERING UNITS

HKUQ - STANDARD SERIES WITH SERVO-AMPLIFIED MODE

HKUQ	Circuit	Displacement without servo-amplifying in^3/rev (cm^3/rev)	Displacement with servo-amplifying in^3/rev (cm^3/rev)	Rated pressure psi (bar)
HKUQ80/4	OC, NLR	4,83 (79,2)	6,1; 7,62; 9,76; 12,2 (100; 125; 160; 200)	2465 (170)
HKUQ100/4	OC, NLR	6,04 (99)	7,62; 9,76; 12,2; 15,25 (125; 160; 200; 250)	2465 (170)
HKUQ125/4	OC, NLR	7,56 (123,8)	9,76; 12,2; 15,25; 19,52 (160; 200; 250; 320)	2465 (170)
HKUQ160/4	OC, NLR	9,67 (158,4)	12,2; 15,25; 19,52; 24,4 (200; 250; 320; 400)	2465 (170)
HKUQ200/4	OC, NLR	12,08 (198)	15,25; 19,52; 24,4; 30,5 (250; 320; 400; 500)	2465 (170)

STEERING UNITS

MODULAR BLOCK VALVES - BKH

BKH	Rated flow USgpm (lpm)	Rated pressure psi (bar)
BKH1, BKH2, BKH3, BKH4, BKH5, BKHR	21,1 (80)	2320 (160)

PRIORITY VALVES - PR

PR	Rated flow USgpm (lpm)	Rated pressure psi (bar)
PRD(D)40, PRT(D)40, PRTA(D)40	10,6 (40)	3625 (250)
PRD(D)80, PRT(D)80, PRTA(D)80	21,2 (80)	3625 (250)
PRT120(D)E	31,7 (120)	3625 (250)
PRT160(D)E	42,3 (160)	5076 (350)

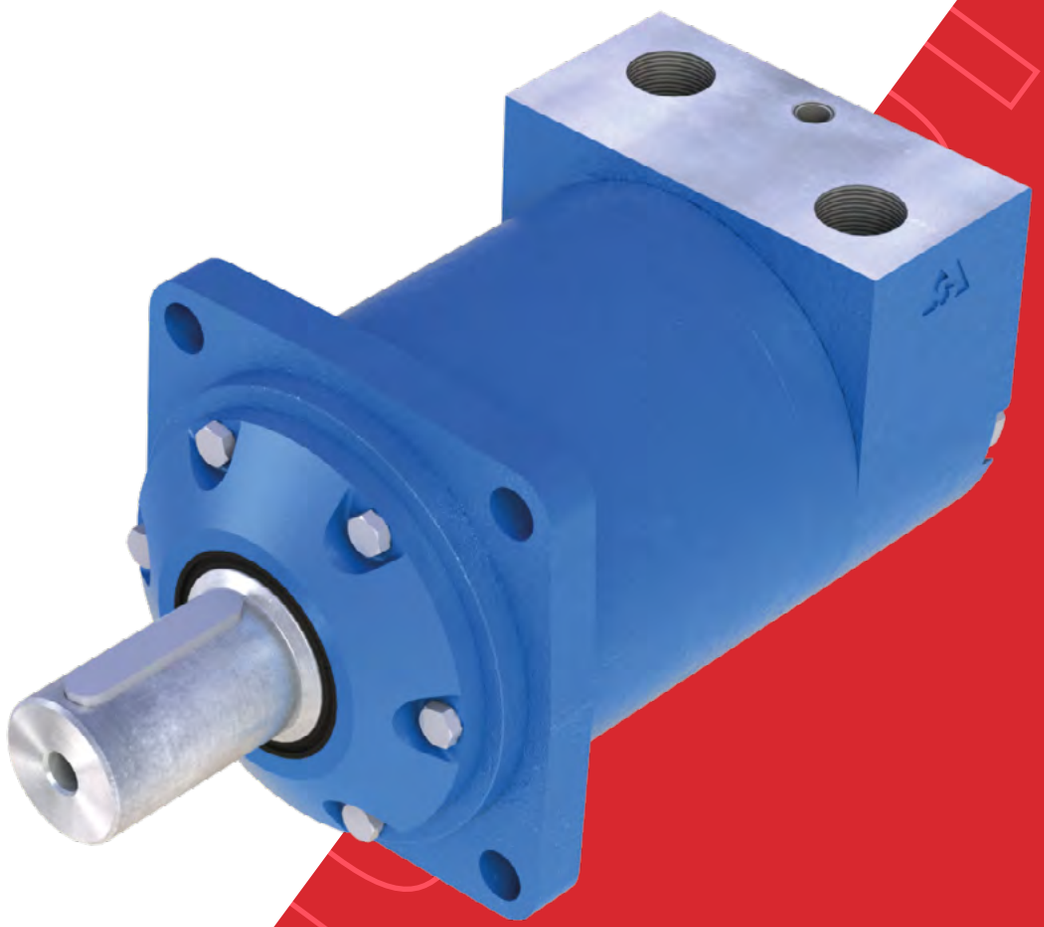
STEERING UNITS

FLOW AMPLIFIERS - HSFA

HSFA	Displacement of steering unit in^3/rev (cm^3/rev)	Displacement of flow amplifier in^3/rev (cm^3/rev)	Maximum pressure psi (bar)
HSFA80/640	4,88 (80)	39,06 (640)	3045 (210)
HSFA100/800	6,1 (100)	48,82 (800)	3045 (210)
HSFA125/1000	7,63 (125)	61,02 (1000)	3045 (210)
HSFA160/1280	9,76 (160)	78,11 (1280)	3045 (210)
HSFA200/1600	12,2 (200)	97,64 (1600)	3045 (210)
HSFA250/2000	15,26 (250)	122,05 (2000)	3045 (210)

STEERING COLUMNS - KK

KK	Maximum torque applied to the steering wheel lb•in (daNm)	Maximum bending moment lb•in (daNm)	Maximum axial load lb (daN)
KK**	2124 (24)	1770 (20)	225 (100)



MOTORS

SPOOL VALVE MOTORS

- Complete range of the highest quality
- Equipped with speed sensors
- Standard or wheel motor
- High efficiency
- European-made

SPOOL VALVE MOTORS

MLHM

MLHM	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MLHM8	0,5 (8,2)	1500 (105)	1950	4,2 (16)	106 (1,2)
MLHM12,5	0,79 (12,9)	1500 (105)	1550	5,5 (20)	150 (1,7)
MLHM20	1,22 (20)	1500 (105)	1000	5,5 (20)	230 (2,6)
MLHM32	1,93 (31,8)	1500 (105)	630	5,5 (20)	375 (4,2)
MLHM40	2,44 (40)	1200 (82,5)	500	5,5 (20)	375 (4,2)
MLHM50	3,05 (50)	1015 (70)	400	5,5 (20)	398 (4,5)

SPOOL VALVE MOTORS

HP

HP	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
HP25	1,73 (28,4)	1450 (100)	1055	8 (30)	290 (3,3)
HP32	2,11 (34,5)	1815 (125)	1160	10,5 (40)	460 (5,2)
HP40	2,47 (40,5)	1815 (125)	900	10,5 (40)	575 (6,5)
HP50	3,02 (49,5)	1815 (125)	909	11,9 (45)	717 (8,1)
HP80	4,83 (79,2)	1815 (125)	758	15,9 (60)	1141 (12,9)
HP100	6,04 (99)	1815 (125)	606	15,9 (60)	1434 (16,2)
HP125	7,55 (123,8)	1815 (125)	485	15,9 (60)	1790 (20,2)
HP160	9,66 (158,4)	1670 (115)	379	15,9 (60)	2105 (23,8)
HP200	12,1 (198)	1520 (105)	303	15,9 (60)	2400 (27,1)
HP250	15,1 (247,5)	1450 (100)	242	15,9 (60)	2860 (32,3)
HP315	19,3 (316,8)	1305 (90)	189	15,9 (60)	3290 (37,2)
HP400	24,16 (396)	1160 (80)	152	15,9 (60)	3665 (41,4)

SPOOL VALVE MOTORS

HR

HR	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
HR50	3,14 (51,5)	2030 (140)	777	10,5 (40)	870 (9,8)
HR80	4,9 (80,3)	2030 (140)	747	15,9 (60)	1415 (16)
HR100	6,09 (99,8)	2030 (140)	601	15,9 (60)	1725 (19,5)
HR125	7,48 (122,5)	2030 (140)	490	15,9 (60)	2125 (24)
HR160	9,37 (153,6)	2030 (140)	391	15,9 (60)	2655 (30)
HR200	11,95 (195,8)	1885 (130)	306	15,9 (60)	3097 (35)
HR250	14,95 (245)	1595 (110)	245	15,9 (60)	3275 (37)
HR315	18,67 (306)	1450 (100)	196	15,9 (60)	3720 (42)
HR400	23,56 (386)	1235 (85)	155	15,9 (60)	3980 (45)

SPOOL VALVE MOTORS

MLHP

MLHP and MLHPW	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MLHP25	1,52 (24,9)	1450 (100)	1600	10,5 (40)	290 (3,3)
MLHP32	1,95 (31,9)	1450 (100)	1560	13,2 (50)	380 (4,3)
MLHP40	2,44 (40)	1750 (120)	1500	15,9 (60)	550 (6,2)
MLHP50	3,02 (49,5)	2030 (140)	1210	15,9 (60)	835 (9,4)
MLHP80	4,83 (79,2)	2030 (140)	755	15,9 (60)	1340 (15,1)
MLHP100	6,04 (99)	2030 (140)	605	15,9 (60)	1710 (19,3)
MLHP125	7,55 (123,8)	2030 (140)	486	15,9 (60)	2100 (23,7)
MLHP160	9,66 (158,4)	2030 (140)	378	15,9 (60)	2770 (31,3)
MLHP200	12,1 (198)	2030 (140)	303	15,9 (60)	4035 (45,6)
MLHP250	15,1 (247,5)	1600 (110)	242	15,9 (60)	5160 (58,3)
MLHP315	19,3 (316,8)	1300 (90)	190	15,9 (60)	4960 (56)
MLHP400	24,16 (396)	1015 (70)	150	15,9 (60)	5240 (59,2)
MLHP500	30,2 (495)	870 (60)	120	15,9 (60)	5045 (57)
MLHP630	38,05 (623,6)	800 (55)	95	15,9 (60)	5665 (64)

SPOOL VALVE MOTORS

MLHR

MLHR	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MLHR50	3,14 (51,5)	2030 (140)	775	10,5 (40)	900 (10,2)
MLHR80	4,90 (80,3)	2540 (175)	750	15,8 (60)	1725 (19,5)
MLHR100	6,09 (99,8)	2540 (175)	600	15,8 (60)	2125 (24)
MLHR125	7,67 (125,7)	2540 (175)	475	15,8 (60)	2655 (30)
MLHR160	9,74 (159,6)	2540 (175)	375	15,8 (60)	3450 (39)
MLHR200	12,19 (199,8)	2030 (140)	300	15,8 (60)	3410 (38,5)
MLHR250	15,26 (250,1)	1600 (110)	240	15,8 (60)	3450 (39)
MLHR315	19,26 (315,7)	1300 (90)	190	15,8 (60)	3450 (39)
MLHR400	24,4 (397)	1020 (70)	150	15,8 (60)	3360 (38)

SPOOL VALVE MOTORS

MLHPL

MLHPL	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MLHPL50	3,02 (49,5)	2030 (140)	1210	16 (61)	832 (9,4)
MLHPL80	4,83 (79,2)	2030 (140)	755	16 (61)	1336 (15,1)
MLHPL100	6,04 (99)	2030 (140)	605	16 (61)	1708 (19,3)
MLHPL125	7,55 (123,8)	2030 (140)	485	16 (61)	2100 (23,7)
MLHPL160	9,66 (158,4)	2030 (140)	378	16 (61)	2770 (31,3)
MLHPL200	12,1 (198)	2030 (140)	303	16 (61)	3240 (36,6)
MLHPL250	15,1 (247,5)	2030 (140)	242	16 (61)	4160 (47)
MLHPL315	19,3 (316,8)	1300 (90)	190	16 (61)	4300 (48,6)
MLHPL400	24,16 (396)	1015 (70)	150	16 (61)	4425 (50)

SPOOL VALVE MOTORS

MLHRL

MLHRL	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MLHRL50	3,14 (51,5)	2030 (140)	775	11 (40)	900 (10,2)
MLHRL80	4,9 (80,3)	2540 (175)	750	15,9 (60)	1770 (20)
MLHRL100	6,09 (99,8)	2540 (175)	600	15,9 (60)	2125 (24)
MLHRL125	7,67 (125,7)	2540 (175)	475	15,9 (60)	2655 (30)
MLHRL160	9,74 (159,6)	2540 (175)	375	15,9 (60)	3450 (39)
MLHRL200	12,19 (199,8)	2540 (175)	300	15,9 (60)	4000 (45)
MLHRL250	15,26 (250,1)	2540 (175)	240	15,9 (60)	4780 (54)
MLHRL315	19,26 (315,7)	1960 (135)	190	15,9 (60)	4870 (55)
MLHRL400	24,4 (397)	1670 (115)	150	15,9 (60)	5400 (61)

MLHH

MLHH	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MLHH200	12,3 (201,3)	2540 (175)	370	19,8 (75)	4510 (51)
MLHH250	15,4 (252)	2540 (175)	295	19,8 (75)	5398 (61)
MLHH315	19,2 (314,9)	2540 (175)	235	19,8 (75)	6548 (74)
MLHH400	24,2 (396,8)	2240 (155)	185	19,8 (75)	7434 (84)
MLHH500	30,7 (502,4)	1740 (120)	150	19,8 (75)	7257 (82)

SPOOL VALVE MOTORS

HW

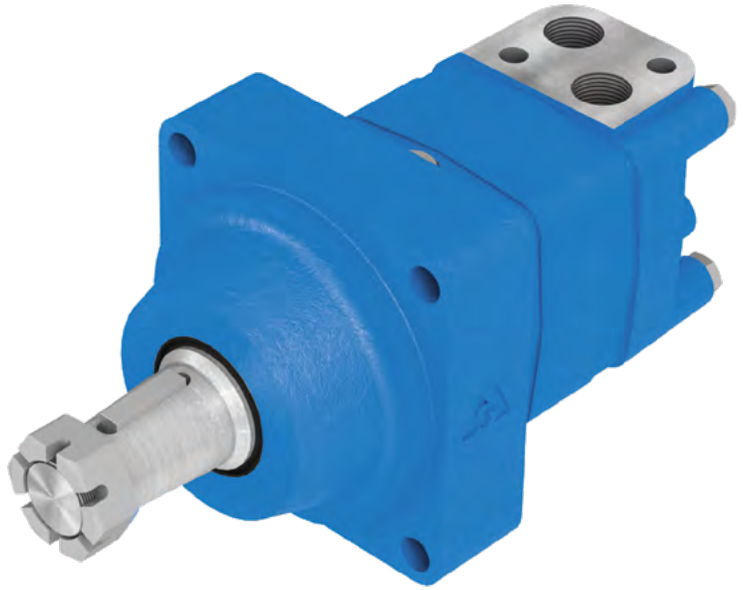
HW	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
HW125	7,69 (126)	2970 (205)	357	12 (45)	3098 (35)
HW160	9,64 (157,8)	2970 (205)	380	15,9 (60)	3894 (44)
HW200	12,28 (201,3)	2970 (205)	373	20 (76)	4868 (55)
HW235	14,33 (235,3)	2970 (205)	319	20 (76)	5710 (64,5)
HW250	15,37 (252)	2970 (205)	298	20 (76)	6107 (69)
HW300	18,3 (300)	2970 (205)	250	20 (76)	7170 (81)
HW315	19,21 (314,9)	2970 (205)	238	20 (76)	7523 (85)
HW350	21,21 (347,8)	2970 (205)	216	20 (76)	8320 (94)
HW370	22,51 (369,2)	2970 (205)	203	20 (76)	8497 (96)
HW400	24,2 (396,8)	2680 (185)	189	20 (76)	8497 (96)
HW470	28,71 (470,6)	2180 (150)	159	20 (76)	8143 (92)
HW500	30,65 (502,4)	2030 (140)	149	20 (76)	8054 (91)
HW535	32,7 (535)	1885 (130)	140	20 (76)	7966 (90)
HW550	33,55 (550)	1815 (125)	136	20 (76)	7877 (89)

DISC VALVE MOTORS

DISC VALVE MOTORS

MLHS

MLHS	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MLHS80	4,91 (80,5)	3050 (210)	810	17 (65)	2120 (24)
MLHS100	6,1 (100)	3050 (210)	750	20 (75)	2700 (30,5)
MLHS125	7,67 (125,7)	3050 (210)	600	20 (75)	3320 (37,5)
MLHS160	9,74 (159,7)	3050 (210)	470	20 (75)	4340 (49)
MLHS200	12,2 (200)	3050 (210)	375	20 (75)	5400 (61)
MLHS250	15,3 (250)	2900 (200)	300	20 (75)	6370 (72)
MLHS315	19,2 (314,9)	2900 (200)	240	20 (75)	7300 (82,5)
MLHS400	24,2 (397)	2320 (160)	190	20 (75)	7660 (86,5)
MLHS475	28,96 (474,6)	1880 (130)	160	20 (75)	7520 (85)
MLHS525	31,88 (522,7)	1670 (115)	145	20 (75)	7520 (85)
MLHS565	34,47 (564,9)	1520 (105)	130	20 (75)	7520 (85)



DISC VALVE MOTORS

MLHSY

MLHSY	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MLHSY200	12,2 (200)	2900 (200)	375	20 (75)	5010 (56,6)
MLHSY250	15,3 (250)	2900 (200)	300	20 (75)	6270 (70,8)
MLHSY315	19,2 (314,9)	2900 (200)	240	20 (75)	7965 (90)
MLHSY400	24,2 (397)	2320 (160)	185	20 (75)	7965 (90)
MLHSY475	28,96 (474,6)	2230 (140)	155	20 (75)	8055 (91)

MYZ

MYZ	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MYZ160	9,63 (157,9)	3050 (210)	570	21,1 (80)	3760 (42,5)
MYZ200	12,28 (201,3)	3050 (210)	445	21,1 (80)	4850 (55)
MYZ250	15,38 (252,2)	3050 (210)	355	21,1 (80)	6200 (70)
MYZ315	19,2 (314,9)	3050 (210)	285	21,1 (80)	7520 (85)
MYZ400	24,2 (396,8)	3050 (210)	225	21,1 (80)	8580 (97)
MYZ500	30,65 (502,4)	3050 (210)	175	21,1 (80)	8700 (98)
MYZ560	33,55 (550)	3050 (210)	160	21,1 (80)	8054 (91)

DISC VALVE MOTORS

MLHT

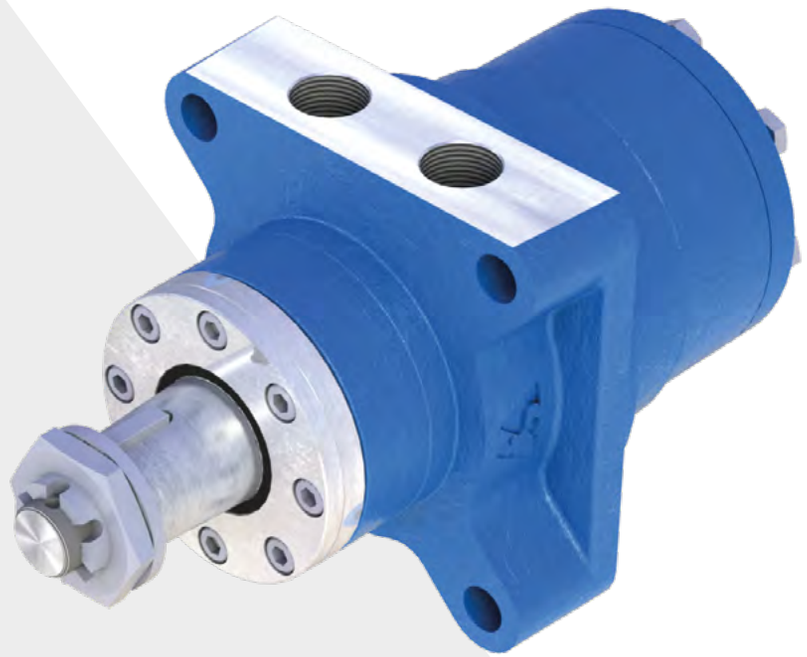
MLHT	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MLHT160	9,83 (161,1)	2900 (200)	622	26,4 (100)	4160 (47)
MLHT200	12,29 (201,4)	2900 (200)	620	33 (125)	5220 (59)
MLHT250	15,36 (251,8)	2900 (200)	496	33 (125)	6460 (73)
MLHT315	19,9 (326,3)	2900 (200)	382	33 (125)	8410 (95)
MLHT400	25,06 (410,9)	2600 (180)	304	33 (125)	9560 (108)
MLHT500	31,95 (523,6)	2300 (160)	238	33 (125)	10800 (122)
MLHT630	38,52 (631,2)	2010 (140)	197	33 (125)	11500 (130)
MLHT725	44,2 (724,3)	1740 (120)	172	33 (125)	11240 (127)

DISC VALVE MOTORS

MLHV

MLHV	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MLHV315	19,18 (314,5)	2900 (200)	510	42,3 (160)	8150 (92)
MLHV400	24,45 (400,9)	2900 (200)	500	52,8 (200)	10450 (118)
MLHV500	30,48 (499,6)	2900 (200)	480	52,8 (200)	12950 (146)
MLHV630	38,38 (629,1)	2600 (180)	380	52,8 (200)	14700 (166)
MLHV800	48,91 (801,8)	2320 (160)	300	52,8 (200)	16650 (188)

SPOOL VALVE AND DISC VALVE WHEEL MOTORS



SPOOL VALVE AND DISC VALVE WHEEL MOTORS

MLHRW - SPOOL VALVE WHEEL MOTORS

MLHRW	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MLHRW50	3,14 (51,5)	2030 (140)	775	11 (40)	900 (10,2)
MLHRW80	4,9 (80,3)	2540 (175)	750	15,9 (60)	1770 (20)
MLHRW100	6,09 (99,8)	2540 (175)	600	15,9 (60)	2125 (24)
MLHRW125	7,67 (125,7)	2540 (175)	475	15,9 (60)	2655 (30)
MLHRW160	9,74 (159,6)	2540 (175)	375	15,9 (60)	3450 (39)
MLHRW200	12,19 (199,8)	2540 (175)	300	15,9 (60)	4000 (45)
MLHRW250	15,26 (250,1)	2540 (175)	300	19,8 (75)	4780 (54)
MLHRW315	19,26 (315,7)	1960 (135)	240	19,8 (75)	4870 (55)
MLHRW400	24,4 (397)	1600 (110)	190	19,8 (75)	5400 (61)

MEW - DISC VALVE WHEEL MOTORS

MEW	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MEW100	6,09 (99,8)	2900 (200)	600	15,9 (60)	2213 (25)
MEW125	7,67 (127,5)	2900 (200)	475	15,9 (60)	2830 (32)
MEW160	9,74 (159,6)	2900 (200)	375	15,9 (60)	3630 (41)
MEW200	12,09 (198,2)	2680 (185)	300	15,9 (60)	4160 (47)
MEW250	15,14 (248,1)	2320 (160)	240	15,9 (60)	4515 (51)
MEW315	18,92 (310,1)	1885 (130)	190	15,9 (60)	4602 (52)

SPOOL VALVE AND DISC VALVE WHEEL MOTORS

MLHHW - DISC VALVE WHEEL MOTORS

MLHHW	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MLHHW125	7,7 (126)	2970 (205)	357	11,9 (45)	3100 (35)
MLHHW160	9,7 (157,8)	2970 (205)	380	15,9 (60)	3900 (44)
MLHHW200	12,3 (201,3)	2970 (205)	373	19,8 (75)	4870 (55)
MLHHW235	14,4 (235,3)	2970 (205)	319	19,8 (75)	5710 (64,5)
MLHHW250	15,4 (252)	2970 (205)	298	19,8 (75)	6110 (69)
MLHHW300	18,3 (300)	2970 (205)	250	19,8 (75)	7200 (81)
MLHHW315	16,4 (314,5)	2970 (205)	238	19,8 (75)	7520 (85)
MLHHW350	21,2 (347,8)	2970 (205)	216	19,8 (75)	8230 (94)
MLHHW370	22,5 (369,2)	2970 (205)	203	19,8 (75)	8500 (96)
MLHHW400	24,2 (396,8)	2680 (185)	189	19,8 (75)	8500 (96)
MLHHW470	28,7 (470,6)	2175 (150)	159	19,8 (75)	8140 (92)
MLHHW500	30,7 (502,4)	2100 (140)	149	19,8 (75)	8055 (91)
MLHHW535	32,6 (535)	1885 (130)	140	19,8 (75)	7965 (90)
MLHHW550	33,6 (550)	1810 (125)	136	19,8 (75)	7880 (89)

MOTORS

HEAVY-DUTY MOTORS

DISC VALVE HEAVY-DUTY MOTORS

MTK

MTK	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MTK160	9,63 (157,8)	3626 (250)	505	21,1 (80)	5045 (57)
MTK200	12,28 (201,2)	3626 (250)	400	21,1 (80)	6373 (72)
MTK250	15,38 (252)	3626 (250)	320	21,1 (80)	8055 (91)
MTK315	19,2 (314,6)	3626 (250)	255	21,1 (80)	9293 (105)
MTK400	24,2 (396,6)	2900 (200)	200	21,1 (80)	9470 (107)
MTK470	28,7 (470,3)	2320 (160)	170	21,1 (80)	9028 (102)
MTK500	30,65 (502,3)	2320 (160)	159	21,1 (80)	9648 (109)

MLHTM

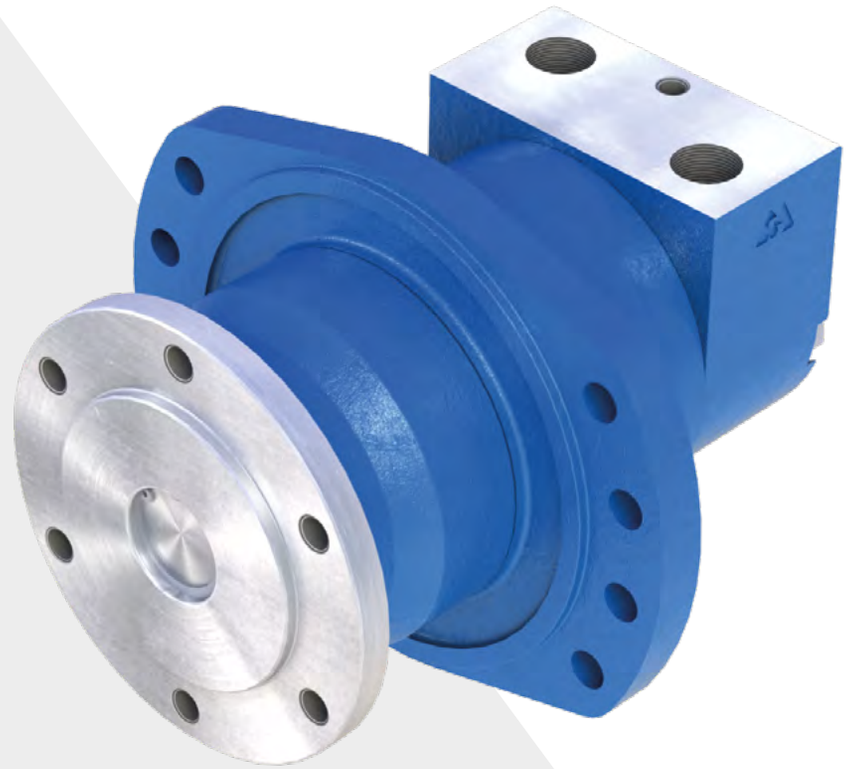
MLHTM	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MLHTM200	12,29 (201,4)	3920 (270)	625	33 (125)	6550 (74)
MLHTM250	15,36 (251,8)	3920 (270)	500	33 (125)	7965 (90)
MLHTM315	19,9 (326,3)	3920 (270)	380	33 (125)	10265 (116)
MLHTM400	25,06 (410,9)	3920 (270)	305	33 (125)	13010 (147)
MLHTM470	28,97 (475)	3920 (270)	260	33 (125)	15135 (171)
MLHTM500	31,95 (523,6)	3920 (270)	240	33 (125)	15225 (172)
MLHTM630	38,52 (631,2)	3920 (270)	190	33 (125)	16200 (183)
MLHTM725	44,2 (724)	3920 (270)	170	33 (125)	14160 (160)

DISC VALVE HEAVY-DUTY MOTORS

MVM

MVM	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MVM315	19,18 (314,5)	3630 (250)	636	52,8 (200)	10180 (115)
MVM400	24,5 (400,9)	3630 (250)	500	52,8 (200)	12745 (144)
MVM500	30,5 (499,6)	3630 (250)	400	52,8 (200)	15930 (180)
MVM630	38,38 (629,1)	3630 (250)	315	52,8 (200)	20090 (227)
MVM800	48,91 (801,8)	3263 (225)	250	52,8 (200)	22920 (259)

HEAVY-DUTY WHEEL MOTORS



HEAVY-DUTY WHEEL MOTORS

MLHSEM

MLHSEM	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MLHSEM160	9,74 (159,7)	2900 (200)	470	20 (75)	4070 (46)
MLHSEM200	12,2 (200)	2900 (200)	375	20 (75)	5010 (56,6)
MLHSEM250	15,3 (250)	2900 (200)	300	20 (75)	6270 (70,8)
MLHSEM315	314,9 (19,2)	2900 (200)	240	20 (75)	7965 (90)
MLHSEM400	24,2 (397)	2320 (160)	185	20 (75)	7965 (90)

TMFA

TMFA	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
TMFA200	12,29 (201,4)	3600 (250)	625	33 (125)	6550 (74)
TMFA250	15,36 (251,8)	3600 (250)	500	33 (125)	7965 (90)
TMFA315	19,9 (326,3)	3600 (250)	380	33 (125)	10265 (116)
TMFA400	25,06 (410,9)	3600 (250)	305	33 (125)	13010 (147)
TMFA470	28,97 (475)	3600 (250)	260	33 (125)	15135 (171)
TMFA500	31,95 (523,6)	3340 (230)	240	33 (125)	15225 (172)
TMFA630	38,52 (631,2)	2900 (200)	190	33 (125)	16200 (183)
TMFA725	44,2 (724)	2320 (160)	170	33 (125)	14160 (160)

HEAVY-DUTY WHEEL MOTORS

VMF

VMF	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
VMF315	19,18 (314,5)	3630 (250)	636	52,8 (200)	10180 (115)
VMF400	24,5 (400,9)	3630 (250)	500	52,8 (200)	12745 (144)
VMF500	30,5 (499,6)	3630 (250)	400	52,8 (200)	15930 (180)
VMF630	38,38 (629,1)	3630 (250)	315	52,8 (200)	20090 (227)
VMF800	48,91 (801,8)	3263 (225)	250	52,8 (200)	22920 (259)

SPOOL VALVE AND DISC VALVE MOTOR-BRAKES

SPOOL VALVE AND DISC VALVE MOTOR-BRAKES

B/MLHR - SPOOL VALVE MOTOR-BRAKES

B/MLHR	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
B/MLHR80	4,9 (80,3)	2538 (175)	500	10,5 (40)	1725 (19,5)
B/MLHR100	6,09 (99,8)	2538 (175)	500	13,2 (50)	2125 (24)
B/MLHR125	7,67 (125,7)	2538 (175)	475	15,9 (60)	2655 (30)
B/MLHR160	9,74 (159,6)	1960 (135)	375	15,9 (60)	2655 (30)
B/MLHR200	12,19 (199,8)	1523 (105)	300	15,9 (60)	2655 (30)
B/MLHR250	15,26 (250,1)	1233 (85)	240	15,9 (60)	2655 (30)
B/MLHR315	19,26 (315,7)	942 (65)	190	15,9 (60)	2655 (30)
B/MLHR400	24,4 (397)	652 (45)	150	15,9 (60)	2655 (30)

B/HR - SPOOL VALVE MOTOR-BRAKES

B/HR	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
B/HR80	4,9 (80,3)	2030 (140)	500	10,6 (40)	1390 (15,7)
B/HR100	6,09 (99,8)	2030 (140)	500	13 (50)	1750 (19,8)
B/HR125	7,67 (125,7)	2030 (140)	475	16 (60,6)	2210 (25)
B/HR160	9,74 (159,6)	2030 (140)	375	16 (60,6)	2830 (32)
B/HR200	12,19 (199,8)	1810 (125)	300	16 (60,6)	3045 (34,4)
B/HR250	15,26 (250,1)	1595 (110)	240	16 (60,6)	3540 (40)
B/HR315	19,26 (315,7)	1450 (100)	190	16 (60,6)	3850 (43,5)
B/HR400	24,23 (397)	1305 (90)	150	16 (60,6)	4250 (48)

SPOOL VALVE AND DISC VALVE MOTOR-BRAKES

MT/B - DISC VALVE MOTOR-BRAKES

MT/B and MT/BX	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MT/B160	9,83 (161,1)	2900 (200)	625	26,5 (100)	4160 (47)
MT/B200	12,29 (201,4)	2900 (200)	625	33 (125)	5220 (59)
MT/B250	15,36 (251,4)	2900 (200)	500	33 (125)	6460 (73)
MT/B315	19,9 (326,3)	2900 (200)	380	33 (125)	8410 (95)
MT/B400	25,06 (410,9)	2600 (180)	305	33 (125)	9560 (108)
MT/B500	31,95 (523,6)	2300 (160)	240	33 (125)	10800 (122)

SPOOL VALVE AND DISC VALVE MOTOR-BRAKES

SPOOL VALVE WHEEL MOTOR-BRAKES - RWB

RWB	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
RWB50	3,14 (51,5)	2030 (140)	775	10,6 (40)	885 (10)
RWB80	4,9 (80,3)	2540 (175)	750	15,9 (60)	1770 (20)
RWB100	6,09 (99,8)	2540 (175)	600	15,9 (60)	2124 (24)
RWB125	7,67 (125,7)	2540 (175)	475	15,9 (60)	2655 (30)
RWB160	9,74 (159,6)	2540 (175)	375	15,9 (60)	3452 (39)
RWB200	12,19 (199,8)	2540 (175)	300	15,9 (60)	3983 (45)
RWB250	15,26 (250,1)	2540 (175)	240	15,9 (60)	4779 (54)
RWB315	19,27 (315,7)	1960 (135)	190	15,9 (60)	4868 (55)
RWB400	24,4 (393)	1595 (110)	150	15,9 (60)	5399 (61)

SPOOL VALVE WHEEL MOTOR-BRAKES - HW/B

HW/B	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
HW/B125	7,69 (126)	2973 (205)	357	12 (45)	3009 (34)
HW/B160	9,64 (157,8)	2973 (205)	380	16 (60)	3780 (42,7)
HW/B200	12,28 (201,3)	2973 (205)	298	18,5 (70)	4726 (53,4)
HW/B235	14,33 (235,3)	2973 (205)	255	18,5 (70)	5540 (62,6)
HW/B250	15,37 (252)	2973 (205)	238	20 (75)	5921 (66,9)
HW/B300	18,3 (300)	2973 (205)	200	20 (75)	6957 (78,6)
HW/B315	19,21 (314,9)	2973 (205)	190	20 (75)	7293 (82,4)
HW/B350	21,21 (347,8)	2973 (205)	172	20 (75)	8071 (91,2)
HW/B370	22,51 (369,2)	2900 (200)	162	20 (75)	8240 (93,1)
HW/B400	24,2 (396,8)	2683 (185)	151	20 (75)	8249 (93,2)
HW/B470	28,71 (470,6)	2176 (150)	127	20 (75)	7895 (89,2)
HW/B500	30,65 (502,4)	2030 (140)	119	20 (75)	7815 (88,3)
HW/B535	32,7 (535)	1885 (130)	112	20 (75)	7707 (87,2)
HW/B550	33,55 (550)	1813 (125)	109	20 (75)	7638 (86,3)

SPOOL VALVE AND DISC VALVE MOTOR-BRAKES

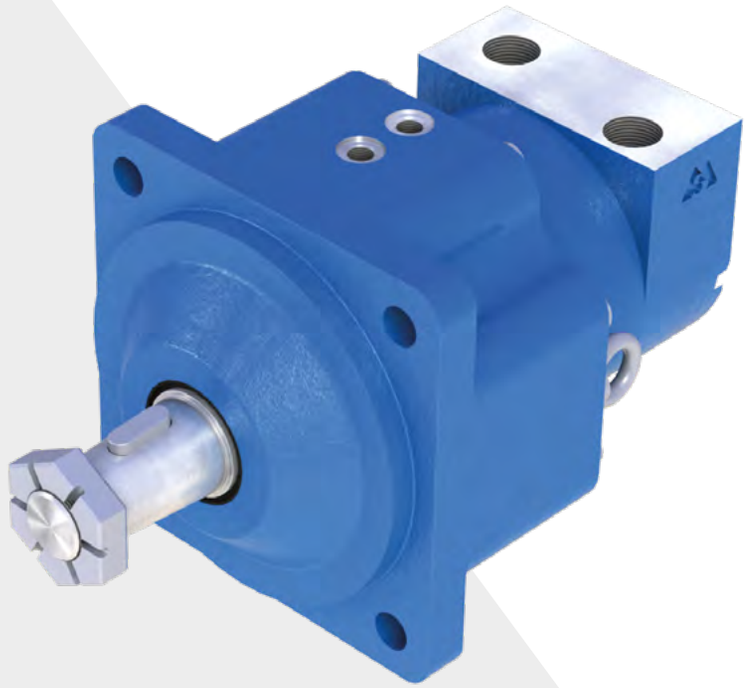
SW + TW - DISC VALVE WHEEL MOTOR-BRAKES

SW	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
SW500	29 (475,3)	1800 (125)	16	2 (8)	7260 (82)

TW	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
TW500	29 (475)	2500 (170)	40	5,3 (20)	10000 (114)

MOTORS

HEAVY-DUTY
WHEEL MOTOR-BRAKES



DISC VALVE HEAVY-DUTY WHEEL MOTOR-BRAKES

MTK/B - DISC VALVE HEAVY-DUTY WHEEL MOTOR-BRAKES

MTK/B	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MTK/B160	9,63 (157,9)	3626 (250)	505	21,1 (80)	5045 (57)
MTK/B200	12,28 (201,3)	3626 (250)	400	21,1 (80)	6373 (72)
MTK/B250	15,38 (252,2)	3626 (250)	320	21,1 (80)	8055 (91)
MTK/B315	19,2 (314,9)	3626 (250)	255	21,1 (80)	9293 (105)
MTK/B400	24,2 (396,8)	2900 (200)	200	21,1 (80)	9470 (107)
MTK/B470	28,7 (407,5)	2320 (160)	170	21,1 (80)	9028 (102)
MTK/B500	30,65 (502,4)	2320 (160)	159	21,1 (80)	9648 (109)

MTM/B - DISC VALVE HEAVY-DUTY WHEEL MOTOR-BRAKES

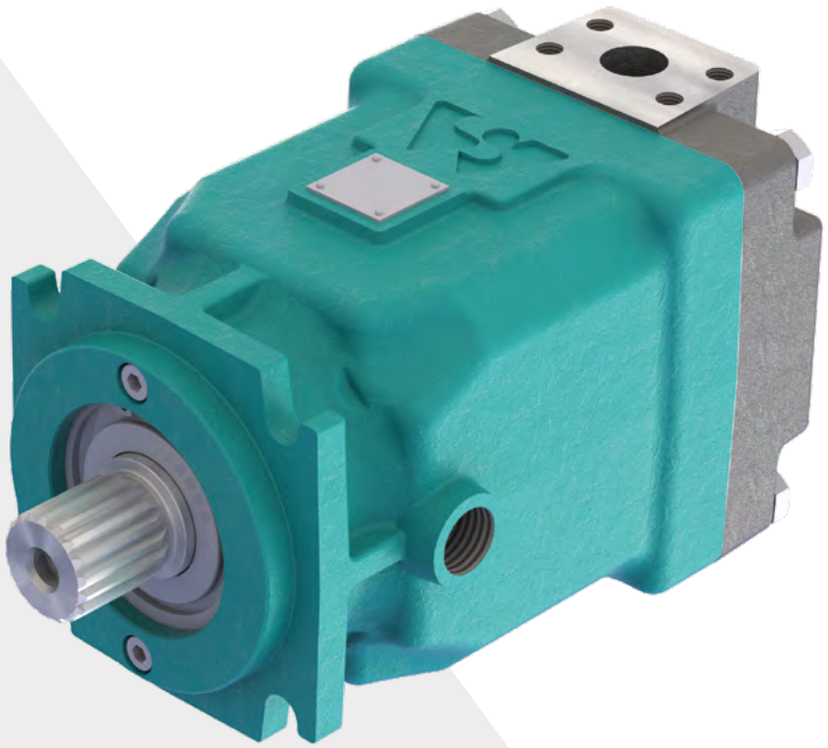
MTM/B	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MTM/B200	12,29 (201,4)	3600 (250)	625	33 (125)	6375 (72)
MTM/B250	15,36 (251,8)	3600 (250)	500	33 (125)	7965 (90)
MTM/B315	19,9 (326,3)	3600 (250)	380	33 (125)	10265 (116)
MTM/B400	25,06 (410,9)	3600 (250)	305	33 (125)	13010 (147)
MTM/B470	28,97 (475)	3600 (250)	260	33 (125)	15135 (171)
MTM/B500	30,17 (494,9)	3340 (230)	250	33 (125)	15225 (172)
MTM/B630	38,5 (631,2)	2680 (185)	196	33 (125)	15490 (175)
MTM/B725	44,2 (724)	2320 (160)	170	33 (125)	14160 (160)

DISC VALVE HEAVY-DUTY WHEEL MOTOR-BRAKES

MLHSBD - DISC VALVE DRUM MOTOR-BRAKES

MLHSBD	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MLHSBD80	4,91 (80,5)	3050 (210)	810	17 (65)	2120 (24)
MLHSBD100	6,1 (100)	3050 (210)	750	20 (75)	2700 (30,5)
MLHSBD125	7,67 (125,7)	3050 (210)	600	20 (75)	3320 (37,5)
MLHSBD160	9,74 (159,7)	3050 (210)	470	20 (75)	4340 (49)
MLHSBD200	12,2 (200)	3050 (210)	375	20 (75)	5400 (61)
MLHSBD250	15,3 (250)	2900 (200)	300	20 (75)	6370 (72)
MLHSBD315	19,2 (314,9)	2900 (200)	240	20 (75)	7300 (82,5)
MLHSBD400	24,2 (397)	2320 (160)	190	20 (75)	7660 (86,5)
MLHSBD475	28,96 (474,6)	1880 (130)	160	20 (75)	7520 (85)
MLHSBD525	31,88 (522,7)	1670 (115)	145	20 (75)	7520 (85)
MLHSBD565	34,47 (564,9)	1520 (105)	130	20 (75)	7520 (85)

AXIAL PISTON MOTORS



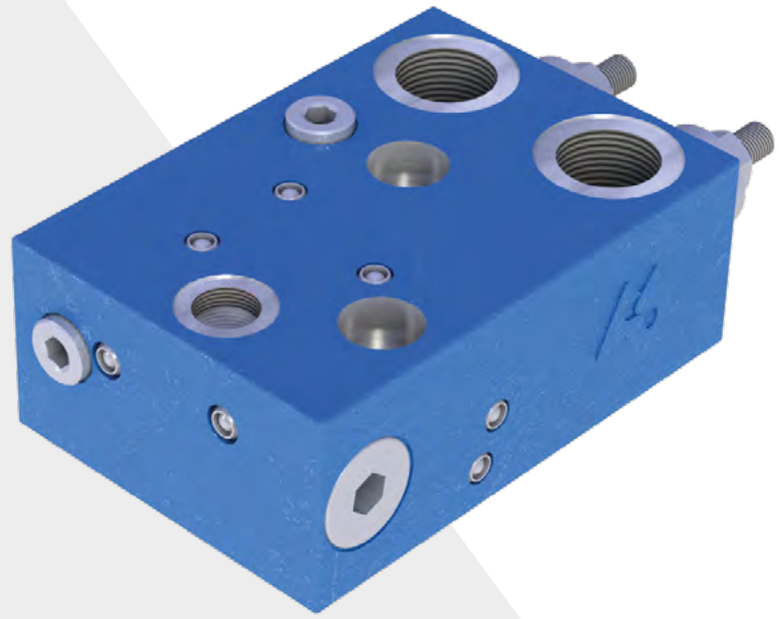
AXIAL PISTON MOTORS

MAP

MAP	Displacement in^3/rev (cm^3/rev)	Maximum Δ pressure psi (bar)	Maximum speed RPM	Oil flow USgpm (lpm)	Maximum torque lb•in (daNm)
MAP22	1,35 (22,15)	5080 (350)	4200	24,6 (93)	1088 (123)
MAP28	1,74 (28,47)	5080 (350)	4200	31,7 (120)	1407 (159)
MAP35	2,21 (36,16)	5080 (350)	4000	38,3 (145)	1789 (202)
MAP40	2,54 (41,59)	5080 (350)	4000	44,1 (167)	2053 (232)
MAP46	2,88 (47,13)	5080 (350)	4000	47,5 (180)	2328 (263)
MAP50	3,05 (49,94)	5080 (350)	3600	50 (189)	2460 (278)
MAP63	3,88 (63,58)	5080 (350)	3500	58,9 (223)	3133 (354)
MAP71	4,36 (71,5)	5080 (350)	3500	66 (250)	3523 (398)
MAP75	4,69 (76,84)	5080 (350)	3500	71,1 (269)	3788 (428)
MAP92	5,69 (93,18)	5080 (350)	3500	86,1 (326)	4549 (514)
MAP100	6,03 (98,75)	5080 (350)	3240	84,5 (320)	4870 (550)

BECAUSE EVERY INDUSTRY AIMS FOR EXCELLENCE

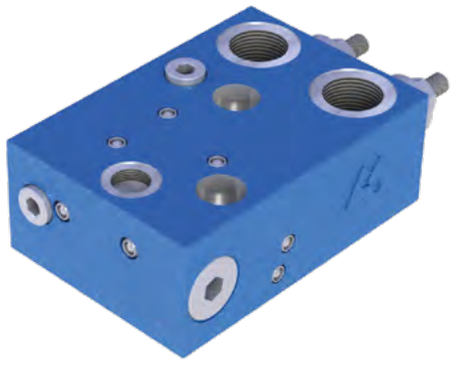
VALVES FOR MOTORS



VALVES FOR MOTORS

- Modular type
- Crossover relief
- Overcentre
- Shuttle valve

Description	Type	Rated flow USgpm (lpm)	Pressure range psi (bar)	Motors
KPBR, KPBS, KPBW	Overcentre	15,85 (60)	870-4060 (60-280)	MLHP, MLHR, MLHH, MLHS, MLHRW, HW
KPBHR	Overcentre	15,85 (60)	1015-3625 (70-250)	HP, HR
KPBT	Overcentre	26,4 (100)	1015-3625 (70-250)	MLHT
KPBV	Overcentre	52,8 (200)	1015-3625 (70-250)	MLHV
KPWR, KPWS	Shuttle	15,85 (60)	3625 (250)	MLHP, MLHR, MLHH, MLHS
KPWT	Shuttle	26,4 (100)	3625 (250)	MLHT
KPWV	Shuttle	52,8 (200)	3625 (250)	MLHV
KPDR, KPDS, KPER, KPES	Crossover Relief	15,85 (60)	435-1450; 725-3050; 1160-4350 (30-100; 50-210; 80-300)	MLHP, MLHR, MLHH, MLHS
KPDT, KPET	Crossover Relief	32 (121,1)	1160-3050 (80-210)	MLHT
KPDV, KPEV	Crossover Relief	53 (200)	145-1450; 290-3625 (10-100; 20-250)	MLHV
KPDW, KPEW	Crossover Relief	15,85 (60)	75-580; 435-1450; 1160-3625 (5-40; 30-100; 80-250)	MLHRW/HW



MOTORS

HYDRAULIC BRAKES

HYDRAULIC BRAKES

- Mainly used for parking brakes
- Equipped with friction discs
- Either completely built-in or stand-alone
- Holding torque of up to 12 000 lb•in

HYDRAULIC BRAKES

LB - NEGATIVE DISC BRAKES

LB*/288	Opening pressure psi (bar)		Minimum static torque lb•in (daNm)	Motors
	Minimum	Maximum		
LB7	58-116 (4-8)	4530 (300)	531-708 (6-8)	MLHP, MLHR, MLHS
LB14	130-232 (9-16)	4530 (300)	1150-1327 (13-15)	
LB21	174-188 (12-13)	4530 (300)	1770-1947 (20-22)	
LB32	260-290 (18-20)	4530 (300)	2743-3009 (31-34)	
LB43	348-377 (24-26)	4530 (300)	3628-3982 (41-45)	
LB63	550-565 (38-39)	4530 (300)	5399-5665 (61-64)	

LBS*/289(290) LBV*/289(290)	Opening pressure psi (bar)		Minimum static torque lb•in (daNm)	Motors
	Minimum	Maximum		
LBS21 LBV21	174-188 (12-13)	4350 (300)	1770-1947 (20-22)	MLHSS, MLHSV
LBS32 LBV32	260-290 (18-20)	4350 (300)	2743-3009 (31-34)	
LBS43 LBV43	348-377 (24-26)	4350 (300)	3628-3982 (41-45)	
LBS63 LBV63	550-565 (38-39)	4350 (300)	5399-5665 (61-64)	

HYDRAULIC BRAKES

LB - NEGATIVE DISC BRAKES

LBSY*/289(290) LBVY*/289(290)	Opening pressure psi (bar)		Minimum static torque lb•in (daNm)	Motors
	Minimum	Maximum		
LBSY21 LBVY21	247-333 (17-23)	4350 (300)	1770-1947 (20-22)	MLHSYS, MLHSYV
LBSY32 LBVY32	247-333 (17-23)	4350 (300)	2743-3009 (31-34)	
LBSY43 LBVY43	247-333 (17-23)	4350 (300)	3628-3982 (41-45)	
LBSY63 LBVY63	247-333 (17-23)	4350 (300)	5399-5665 (61-64)	

LBS*/314(315) LBV*/314(315)	Opening pressure psi (bar)		Minimum static torque lb•in (daNm)	Motors
	Minimum	Maximum		
LBS21 LBV21	58-72 (4-5)	4350 (300)	1593-2036 (18-23)	MLHTS, MLHTV
LBS29 LBV29	87-101 (6-7)	4350 (300)	2478-2921 (26-33)	
LBS43 LBV43	130-145 (9-10)	4350 (300)	3717-4071 (42-46)	
LBS65 LBV65	188-217 (13-15)	4350 (300)	5399-6196 (61-70)	
LBS85 LBV85	261-290 (18-20)	4350 (300)	7346-8143 (83-92)	
LBS110 LBV110	333-362 (23-25)	4350 (300)	9559-10444 (108-118)	
LBS130 LBV130	391-420 (27-29)	4350 (300)	11152-12037 (126-136)	

HYDRAULIC BRAKES

LB - NEGATIVE DISC BRAKES

LBS*/313(316)	Opening pressure psi (bar)		Minimum static torque lb•in (daNm)	Motors
	Minimum	Maximum		
LBS21	58-72 (4-5)	4350 (300)	1593-2036 (18-23)	MLHVS
LBS29	87-101 (6-7)	4350 (300)	2478-2921 (26-33)	
LBS43	130-145 (9-10)	4350 (300)	3717-4160 (42-47)	
LBS65	188-217 (13-15)	4350 (300)	5399-6285 (61-71)	
LBS85	261-290 (18-20)	4350 (300)	7346-8320 (83-94)	
LBS110	333-362 (23-25)	4350 (300)	9559-10444 (108-118)	
LBS130	391-420 (27-29)	4350 (300)	11240-12125 (127-137)	

HYDRAULIC BRAKES

B - NEGATIVE DISC BRAKES

B..R	Static torque of brake lb•in (daNm)	Release pressure psi (bar)		Maximum operating pressure psi (bar)
		Initial	Full	
B35R	3100 (35)	232 (16)	275 (19)	3480 (240)
B55R	4870 (55)	232 (16)	275 (19)	3480 (240)

B..T	Static torque of brake lb•in (daNm)	Release pressure psi (bar)		Maximum operating pressure psi (bar)
		Initial	Full	
B50T	4425 (50)	232 (16)	275 (19)	3480 (240)
B55T	4870 (55)	232 (16)	275 (19)	3480 (240)
B60T	5310 (60)	232 (16)	275 (19)	3480 (240)
B65T	5750 (65)	246 (17)	290 (20)	3480 (240)
B85T	7525 (85)	260 (18)	320 (22)	3480 (240)

B..K	Static torque of brake lb•in (daNm)	Minimum brake release pressure psi (bar)	Maximum operating pressure psi (bar)	Maximum permissible pressure in drain line psi (bar)
B130K	12565 (143)	119-478 (31-33)	3480 (240)	72 (5)

HYDRAULIC ROTATORS

CR SERIES

Finn-Rotor is one of the leading manufacturers of hydraulic rotators, and the first company in the world to have developed the rotator type it offers. Thanks to its extensive experience, Finn-Rotor has developed its new CR series of rotators, which combines exceptional quality with competitve pricing.

HYDRAULIC ROTATORS

CR A

	CR100	CR300;CR304; CR310;CR320	CR400;CR404; CR410	CR500	CR600
Rotation angle	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Max. pressure [R] bar (psi)	250 (3625)	250 (3625)	250 (3625)	250 (3625)	250 (3625)
Max. pressure [GO] bar (psi)	200 (2900)	200 (2900)	200 (2900)	200 (2900)	200 (2900)
Max. pressure [GC] bar (psi)	300 (4350)	300 (4350)	300 (4350)	300 (4350)	300 (4350)
Displacement cm^3/rev (in^3/rev)	139 (11,58)	330 (19,8)	420 (25,2)	465 (27,9)	670 (40,9)
Torque Nm (lbf•ft)	450 (332)	900 (664)	1100 (811)	1400 (1033)	1800 (1328)
Max. axial load static kN (lbf)	10 (2248)	30 (6744)	40 (8992)	55 (12365)	60 (13487)
Max. axial load dynamic kN (lbf)	5 (1124)	15 (3372)	20 (4496)	25 (5620)	30 (6744)
Weight kg (lb)	10 (22)	17 (37,4)	23 (50,6)	28 (61,6)	38 (83,6) [Model W]
Weight [304/310/320/410] kg (lb)	-	16 (35,2)	22 (48,4)	-	41 (90,2) [Model X]
Connections	G 1/4”	G3/8”, JIC8	G3/8”, JIC8	G 3/8”	G1/2”
Req. oil flow lpm (USgpm)	10 (2,64)	20 (5,28)	20 (5,28)	20 (5,28)	20 (5,28)

ROTATORS

HYDRAULIC ROTATORS

CR F

	CR300F	CR400F	CR400F A68	CR500F
Rotation angle	Unlimited	Unlimited	Unlimited	Unlimited
Max. pressure [R] bar (psi)	250 (3625)	250 (3625)	250 (3625)	250 (3625)
Max. pressure [GO] bar (psi)	200 (2900)	200 (2900)	200 (2900)	200 (2900)
Max. pressure [GC] bar (psi)	300 (4350)	300 (4350)	300 (4350)	300 (4350)
Displacement cm^3/rev (in^3/rev)	330 (20,1)	420 (25,6)	420 (25,6)	465 (28,4)
Torque Nm (lbf•ft)	900 (664)	1100 (811)	1100 (811)	1400 (1033)
Max. axial load static kN (lbf)	30 (6744)	40 (8992)	50 (11241)	55 (12365)
Max. axial load dynamic kN (lbf)	15 (3372)	20 (4496)	25 (5620)	25 (5620)
Weight kg (lb)	22 (48,4)	28 (61,6)	30 (66)	33 (72,6)
Connections top	G3/8”	G3/8”	G3/8”	G3/8”
Connections bottom	G1/4”	G3/8”	G3/8”	G3/8”
Req. oil flow lpm (USgpm)	20 (5,28)	20 (5,28)	20 (5,28)	20 (5,28)

HYDRAULIC ROTATORS

CR F

	CR600 F173	CR600 B173
Rotation angle	Unlimited	Unlimited
Max. pressure [R] bar (psi)	250 (3625)	250 (3625)
Max. pressure [GO] bar (psi)	200 (2900)	200 (2900)
Max. pressure [GC] bar (psi)	300 (4350)	300 (4350)
Displacement cm^3/rev (in^3/rev)	670 (40,9)	670 (40,9)
Torque Nm (lbf•ft)	1800 (1328)	1800 (1328)
Max. axial load static kN (lbf)	60 (13489)	80 (17985)
Max. axial load dynamic kN (lbf)	30 (6744)	40 (8992)
Weight W-Model kg (lb)	48 (106)	45 (99)
Weight X-Model kg (lb)	50 (110)	48 (105,6)
Connections top	G1/2”	G1/2”
Connections bottom	G1/2”	G1/2”
Req. oil flow lpm (USgpm)	20 (5,28)	20 (5,28)

ROTATORS

HYDRAULIC ROTATORS

CR H

	CR800H	CR1000H	CR1200H	CR1600H
Rotation angle	Unlimited	Unlimited	Unlimited	Unlimited
Max. pressure [R] bar (psi)	250 (3625)	250 (3625)	250 (3625)	250 (3625)
Max. pressure [GO] bar (psi)	300 (4350)	300 (4350)	300 (4350)	300 (4350)
Max. pressure [GC] bar (psi)	300 (4350)	300 (4350)	300 (4350)	300 (4350)
Displacement cm^3/rev (in^3/rev)	670 (40,9)	810 (49)	949 (57)	1265 (77,2)
Torque Nm (lbf•ft)	2000 (1475)	2700 (1991)	2900 (2139)	3600 (2655)
Max. axial load static kN (lbf)	80 (17985)	100 (22481)	120 (26911)	160 (35970)
Max. axial load static [pull] kN (lbf)	-40 (-8992)	-80 (-17985)	-90 (-20233)	-90 (-20233)
Max. axial load dynamic kN (lbf)	40 (8992)	50 (11241)	60 (13489)	80 (17985)
Max. axial load dynamic [pull] kN (lbf)	-20 (-4496)	-40 (-8992)	-45 (-10116)	-45 (-10116)
Weight W-Model kg (lb)	51 (112,2)	64 (140,8)	76 (167,2)	78 (171,6)
Weight X-Model	54 (118,8)	67 (147,4)	79 (173,8)	81 (178,2)
Connections	G1/2”	G1/2”	G1/2”	G1/2”
Req. oil flow lpm (USgpm)	25 (6,6)	25 (6,6)	25 (6,6)	30 (7,9)

HYDRAULIC ROTATORS

CR M

	CR800M	CR1000M	CR1200M	CR1600M
Rotation angle	Unlimited	Unlimited	Unlimited	Unlimited
Max. pressure [R] bar (psi)	250 (3625)	250 (3625)	250 (3625)	250 (3625)
Displacement cm^3/rev (in^3/rev)	670 (40,9)	810 (49)	949 (57)	1265 (77,2)
Torque Nm (lbf•ft)	2000 (1475)	2700 (1991)	2900 (2139)	3600 (2655)
Max. axial load static kN (lbf)	80 (17985)	100 (22481)	120 (26911)	160 (35970)
Max. axial load static [pull] kN (lbf)	-40 (-8992)	-80 (-17985)	-90 (-20233)	-90 (-20233)
Max. axial load dynamic kN (lbf)	40 (8992)	50 (11241)	60 (13489)	80 (17985)
Max. axial load dynamic [pull] kN (lbf)	-20 (-4496)	-40 (-8992)	-45 (-10116)	-45 (-10116)
Weight kg (lb)	48 (105,6)	61 (134,2)	73 (160,6)	75 (165)
Connections	G1/2”	G1/2”	G1/2”	G1/2”
Req. oil flow lpm (USgpm)	25 (6,6)	25 (6,6)	25 (6,6)	35 (9,2)

BECAUSE EVERY INDUSTRY AIMS FOR EXCELLENCE

SPEED INCREASERS SPEED REDUCERS

SPEED INCREASERS AND SPEED REDUCERS

MB - SPEED INCREASERS

- Aluminum or cast-iron housing
- Connection from hydraulic pump to tractor
- 540 RPM or 1000 RPM input speed
- Male or quick-disconnect input shaft
- Double-input or splitter boxes

Type	Input configuration	HP at 540 RPM	Ratio
MB20	M6, QD6	13	1,5-2-2,5-3-3,5-3,8
MB30	M6. QD6, M6/M6	27	1-1,5-2-2,5-3-3,5-3,8
MBA30	M6, QD6, QD20, QD21	27	1-1,5-2-2,5-3-3,5-3,8
MB30D	M6, QD6	48	1-1,5-2-2,5-3-3,5-3,8
MB35D	M6, QD6	60	1-1,5-2-2,5-3-3,5-3,8-4-4,8
MB40D	M6, QD6	100	1-2-2,5-3-3,8
MLT	M6, QD6	55	2-2,5-3,1-3,7
MBF32	M6, QD6, QD20, QD21	50	1-1,5-2-2,5-3-3,5-3,8
MBF42	M6, QD6, QD20, QD21	95	2-2,5-3,2-3,7
MBFB	M6	65	2,0-2,5-3-3,5-3,8
MBFE	M6	65	2-2,5-3-3,5-3,8

SPEED INCREASERS AND SPEED REDUCERS

SPEED INCREASERS AND SPEED REDUCERS

RB - SPEED REDUCERS

- Aluminum or cast-iron housing
- SAE “A” input flange
- 1” 6-spline input shaft (standard)

Type	HP rated	Ratio
RB20	13	1,5-2-2,5-3-3,5-3,8
RB30	27	1,5-2-2,5-3-3,5-3,8
RBF22	24	1,5-2-2,5-3-3,5-3,8
RBFA33	65	2-2,5-3

ACCUMULATORS

ACCUMULATORS

HYDROPNEUMATIC ACCUMULATORS and pulsation dampeners are the two main groups offered by Canimex.

One of the main tasks of the hydraulic accumulator is to accumulate a certain quantity of fluid under pressure from a hydraulic system, and to return all or part of it to the system when required. For this reason, they are considered pressure vessels and must be sized for the maximum operating pressure. Accumulators with separation elements between the fluid side and the gas side, which are normally pre loaded with nitrogen, are used in most hydraulic systems.

WA

Volume (l)	Welded accumulators					
	WA					
	1450 psi	2030 psi	3045 psi	3625 psi	5075 psi	Q (lpm/USgpm)
0,05			✓			35,0/9,2
0,16			✓	✓		35,0/9,2
0,25			✓			35,0/9,2
0,35	✓		✓	✓		90,0/23,8
0,5	✓	✓	✓			90,0/23,8
0,75	✓	✓	✓	✓	✓	90,0/23,8
1,00			✓	✓	✓	90,0/23,8
1,40	✓	✓		✓	✓	90,0/23,8
2,00		✓		✓		90,0/23,8
3,00				✓		130,0/34,3
3,50				✓		130,0/34,3

L-LA(LALS)-LAS

Volume (l)	Standard accumulators		
	Diaphragm	Bladder	
	L	LA(LALS)	LAS
	1450 psi	3045 psi	5075 psi
0,10	✓		
0,35	✓		
0,50			✓
0,75		✓	
0,90		✓	✓
1,00		✓	✓
1,50		✓	✓
3,00		✓	✓
4,00		✓	✓
5,00		✓	✓
10,00		✓	✓
12,00		✓	✓

BECAUSE EVERY INDUSTRY AIMS FOR EXCELLENCE

HEAT EXCHANGERS

MOBILE SERIES

The 2M series is used for oil hydraulic system cooling on moving and agricultural machines. This series offers optimal pricing while keeping high quality standards.

HEAT EXCHANGERS

2MS

Series	Technical data									
	V	Power (kW)	Amp (A)	RPM	Ø Fan	dB (A)	Q (m^3/h)	IP	Vol (l)	W (kg/lb)
2MS1-12	12VDC	0,09	7,5	3950	190,0	73,0	Contact Canimex	68	0,6	5.3/11.7
2MS2-12	12VDC	0,09	7,7	2410	280,0	71,0			1,0	7.5/16.5
2MS3-12	12VDC	0,19	15,6	2840	305,0	74,0			1,6	10.5/23.1
2MS4-12	12VDC	0,18	15,2	2210	385,0	76,0			2,7	16.5/36.3
2MS5-12	12VDC	0,23	19,0	2270	385,0	73,0			6,6	22.4/49.3
2MS1-24	24VDC	0,08	3,3	3900	190,0	76,0			0,6	5.3/11.7
2MS2-24	24VDC	0,08	3,4	2350	280,0	73,0			1,0	7.5/16.5
2MS3-24	24VDC	0,18	7,6	3040	305,0	79,0			1,6	10.5/23.1
2MS4-24	24VDC	0,19	8,1	2390	385,0	79,0			2,7	16.7/36.7
2MS5-24	24VDC	0,23	9,9	2420	385,0	75,0			6,6	22.4/49.3

2MV - WITH BYPASS

Series	Technical data									
	V	Power (kW)	Amp (A)	RPM	Ø Fan	dB (A)	Q (m^3/h)	IP	Vol (l)	W kg/lb)
2MV1-12	12VDC	0,09	7,5	3950	190,0	73,0	Contact Canimex	68	0,6	5,3/11,7
2MV2-12	12VDC	0,09	7,7	2410	280,0	71,0			1,0	7,5/16,5
2MV3-12	12VDC	0,19	15,6	2840	305,0	74,0			1,6	10,5/23,1
2MV4-12	12VDC	0,18	15,2	2210	385,0	76,0			2,7	16,5/36,3
2MV5-12	12VDC	0,23	19,0	2270	385,0	73,0			6,6	22,4/49,3
2MV1-24	24VDC	0,08	3,3	3900	190,0	76,0			0,6	5,3/11,7
2MV2-24	24VDC	0,08	3,4	2350	280,0	73,0			1,0	7,5/16,5
2MV3-24	24VDC	0,18	7,6	3040	305,0	79,0			1,6	10,5/23,1
2MV4-24	24VDC	0,19	8,1	2390	385,0	79,0			2,7	16,7/36,7
2MV5-24	24VDC	0,23	9,9	2420	385,0	75,0			6,6	22,4/49,3

HEAT EXCHANGERS

2MP - 2-PASS

Series	Technical data									
	V	Power (kW)	Amp (A)	RPM	Ø Fan	dB (A)	Q (m^3/h)	IP	Vol (l)	W (kg/lb)
2MP2	12VDC	0,09	7,7	2410	280,0	71,0	Contact Canimex	68	1,0	7,5/16,5
	24VDC	0,08	3,4	2350		73,0			1,0	7,5/16,5
2MP3	12VDC	0,19	15,6	2840	305,0	74,0			1,6	10,5/23,1
	24VDC	0,18	7,6	3040		79,0			1,6	10,5/23,1
2MP4	12VDC	0,18	15,2	2210	385,0	76,0			2,7	16,5/36,3
	24VDC	0,19	8,1	2390		79,0			2,7	16,7/36,7

2000K SERIES

The K and KBV series are used for cooling oil hydraulic systems using, as the coolant, ambient air which passes over the radiant via a fan operated by an electric or hydraulic motor. The cooler element, made of high-resistance aluminum alloy, is obtained by means of a braze-welding process carried out under vacuum. The particular configuration of the cooling pipes increases the turbulence of the fluid according to the exchange capacity. Additionally, the presence of special jets on the cooler finning further improves the total transmission coefficient. The KBV series was born to answer the large application needs of the market. The main feature of this new product is its integrated bypass valve, which eliminates the need for an external and independent valve. All of these features will guarantee very high efficiency.

HEAT EXCHANGERS

20**K - KBV - DC

Series	Technical data									
	V	Power (kW)	Amp (A)	RPM	Ø Fan	dB(A)	Q (m^3/h)	IP	Vol (l)	W (kg/lb)
2005K	12 DC	0,005	0,4	3050	105	45/49	140	68	0,3	3,2/7,0
	24 DC	0,005	0,2	3050		45/49	140			
2010K	12 DC	0,06	5,2	3860	167	75	410		0,3	5,0/11,0
	24 DC	0,06	2,3	4045		75	410			
2015K - KBV	12 DC	0,08	6,4	2770	225	72	790		0,5	6,5/14,3
	24 DC	0,09	3,9	2900		73	865			
2020K - KBV	12 DC	0,08	6,4	2770	225	72	720		0,7	7,0/15,4
	24 DC	0,09	3,9	2900		72	750			
2024K - KBV	12 DC	0,09	7,5	2710	280	72	950		1,0	10,0/22,0
	24 DC	0,10	4,3	2765		74	1030			
2030K - KBV	12 DC	0,16	13,3	2660	305	80	1675		1,6	14,0/30,8
	24 DC	0,18	7,4	2870		83	1880			
2040K - KBV	12 DC	0,22	19,2	2310	385	76	2770		2,7	20,0/44,0
	24 DC	0,23	9,3	2380		79	2910			
2050K - KBV	12 DC	0,13 (2x)	11,0	2340	280	76	1720 (2x)		5,0	24,0/52,8
	24 DC	0,15 (2x)	6,2	2600		79	1750 (2x)			

20**2KS - DC

Series	Technical data									
	V	Power (kW)	Amp (A)	RPM	Ø Fan	dB (A)	Q (m^3/h)	IP	Vol (l)	W (kg/lb)
20202KS	12 DC	0,08	6,4	2770	225	72	720	68	1,4	15,0/33,0
	24 DC	0,09	3,9	2900		72	750			
20242KS	12 DC	0,09	7,5	2710	280	72	950		2,0	21,0/46,2
	24 DC	0,10	4,3	2765		74	1030			
20302KS	12 DC	0,16	13,3	2660	305	80	1675		3,2	29,0/63,8
	24 DC	0,18	7,4	2870		83	1880			
20402KS	12 DC	0,22	19,2	2310	385	76	2770		5,4	41,0/90,2
	24 DC	0,23	9,3	2380		79	2910			

HEAT EXCHANGERS

20**K2P - DC

Series	Technical data									
	V	Power (kW)	Amp (A)	RPM	Ø Fan	dB (A)	Q (m^3/h)	IP	Vol (l)	W (kg/lb)
2010K2P	12 DC	0,06	5,2	3860	167	75	410	68	0,3	5,0/11,0
	24 DC	0,06	2,3	4045		75	410			
2015K2P	12 DC	0,08	6,4	2770	225	72	790		0,5	6,5/14,3
	24 DC	0,09	3,9	2900		73	865			
2020K2P	12 DC	0,08	6,4	2770	225	72	720		0,7	7,0/15,4
	24 DC	0,09	3,9	2900		72	750			
2024K2P	12 DC	0,09	7,5	2710	280	72	950		1,0	10,0/22,0
	24 DC	0,10	4,3	2765		74	1030			
2030K2P	12 DC	0,16	13,3	2660	305	80	1675		1,6	14,0/30,8
	24 DC	0,18	7,4	2870		83	1880			
2040K2P	12 DC	0,22	19,2	2310	385	76	2770		2,7	20,0/44,0
	24 DC	0,23	9,3	2380		79	2910			
2050K2P	12 DC	0,13 (2x)	11,0 (2x)	2340	280	76	1720 (2x)		5,0	24,0/52,8
	24 DC	0,15 (2x)	6,2 (2x)	2600		79	1750 (2x)			

HEAT EXCHANGERS

20**K - KBV - AC

Series	Technical data										
	V	Phase	Power (kW)	Amp (A)	RPM	Ø Fan	dB (A)	Q (m^3/h)	IP	Vol (l)	W (kg/lb)
2015K - KBV	115-230V	1	0,25	4,5-2,25	1620	200	61	415	55	0,5	10,0/22,0
	230-460V	3		1,5-0,75	1660						
	575 V	3		0,6	1660						
2020K - KBV	115-230V	1	0,25	4,5-2,25	1620	200	64	390		0,7	11,0/24,2
	230-460V	3		1,5-0,75	1660						
	575 V	3		0,6	1660						
2024K - KBV	115-230V	1	0,25	4,5-2,25	1620	250	64	1000		1,0	16,0/35,2
	230-460V	3		1,5-0,75	1660						
	575 V	3		0,6	1660						
2030K - KBV	115-230V	1	0,37	6,0-3,0	1620	300	70	1850		1,6	20,0/44,0
	230-460V	3		2,2-1,1	1650						
	575 V	3		0,85	1650						
2040K - KBV	115-230V	1	0,55	7,4-4,4	1740	400	77	3740		2,7	25,0/55,0
	230-460V	3		3,5-1,75	1720						
	575 V	3		1,4	1630						
2050K - KBV	115-230V	1	0,75	9,2-5,0	1720	450	79	5200		5,0	30,0/66,0
	230-460V	3		3,5-1,75	1720						
	575 V	3		1,4	1670						

20**2KS - AC

Series	Technical data										
	V	Phase	Power (kW)	Amp (A)	RPM	Ø Fan	dB (A)	Q (m^3/h)	IP	Vol (l)	W (kg/lb)
20202KS	115-230V	1	0,25	4,5-2,25	1620	200	64	390	55	1,4	23,0/50,6
	230-460V	3		1,5-0,75	1660						
	575 V	3		0,6	1660						
20242KS	115-230V	1	0,25	4,5-2,25	1620	250	64	1000		2,0	34,0/74,8
	230-460V	3		1,5-0,75	1660						
	575 V	3		0,6	1660						
20302KS	115-230V	1	0,37	6,0-3,0	1620	300	70	1850		3,2	42,0/92,4
	230-460V	3		2,2-1,1	1650						
	575 V	3		0,85	1650						
20402KS	115-230V	1	0,55	7,4-4,4	1740	400	77	3740		5,4	50,0/110,0
	230-460V	3		3,5-1,75	1720						
	575 V	3		1,4	1630						

HEAT EXCHANGERS

20**K2P - AC

Series	Technical data										
	V	Phase	Power (kW)	Amp (A)	RPM	Ø Fan	dB (A)	Q (m^3/h)	IP	Vol (l)	W (kg/lb)
2015K2P	115-230V	1	0,25	4,5-2,25	1620	200	61	415	55	0,5	10,0/22,0
	230-460V	3		1,5-0,75	1660						
	575 V	3		0,6	1660						
2020K2P	115-230V	1	0,25	4,5-2,25	1620	200	64	390		0,7	11,0/24,2
	230-460V	3		1,5-0,75	1660						
	575 V	3		0,6	1660						
2024K2P	115-230V	1	0,25	4,5-2,25	1620	250	64	1000		1,0	16,0/35,2
	230-460V	3		1,5-0,75	1660						
	575 V	3		0,6	1660						
2030K2P	115-230V	1	0,37	6,0-3,0	1620	300	70	1850		1,6	20,0/44,0
	230-460V	3		2,2-1,1	1650						
	575 V	3		0,85	1650						
2040K2P	115-230V	1	0,55	7,4-4,4	1740	400	77	3740		2,7	25,0/55,0
	230-460V	3		3,5-1,75	1720						
	575 V	3		1,4	1630						
2050K2P	115-230V	1	0,75	9,2-5,0	1720	450	79	5200		5,0	30,0/66,0
	230-460V	3		3,5-1,75	1720						
	575 V	3		1,4	1670						

HEAT EXCHANGERS

HEAT EXCHANGERS

20**K AND KBV - 82E2

Series	Technical data			
	Fan HP at 2000 RPM	Ø Fan	Vol (l)	W (kg/lb)
2015K - KBV	0,04	200	0,5	6,0/13,2
2020K - KBV	0,04	200	0,7	7,0/15,4
2024K - KBV	0,06	250	1,0	10,0/22,0
2030K - KBV	0,09	300	1,6	15,0/2,2
2040K - KBV	0,75	400	2,7	19,0/41,8
2050K - KBV	1,2	450	5,0	23,0/50,6

20**K2P - 82E2

Series	Technical data			
	Fan HP at 2000 RPM	Ø Fan	Vol (l)	W (kg/lb)
2015K2P	Contact Canimex	200	0,5	6,0/13,2
2020K2P		200	0,7	7,0/15,4
2024K2P		250	1,0	10,0/22,0
2030K2P		300	1,6	15,0/2,2
2040K2P		400	2,7	19,0/41,8
2050K2P		450	5,0	23,0/50,6

20**2KS - 82E2

Series	Technical data			
	Fan HP at 2000 RPM	Ø Fan	Vol (l)	W (kg/lb)
20202KS	Contact Canimex	200	1,4	14,0/30,8
20242KS		250	2	20,0/44,0
20302KS		300	5,4	30,0/66,0
20402KS		400	0,5	39,0/85,8

HEAT EXCHANGERS

HPV SERIES

The HPV series offers the same characteristics as the KBV series, but with stronger capabilities for industrial use.

HEAT EXCHANGERS

HPV - DC

Series	Technical data									
	V	Power (kW)	Amp (A)	RPM	Ø Fan	dB (A)	Q (m^3/h)	IP	Vol (l)	W (kg/lb)
HPV12	12 DC	0,111	12	2600	305	77	1590	65	1,9	15,0/33,0
	24 DC	0,148	6	3100		80	1700			
HPV18	12 DC	0,187	19,6	2350	385	77	2950		2,9	18,0/39,6
	24 DC	0,170	9,8	2580		81	3100			
HPV24	12 DC	0,187	19,8	2350	385	77	2100		2,9	22,0/48,4
	24 DC	0,170	9,9	2580	305	80	2250			
HPV25	12 DC	0,130 (2x)	19,2	2340	280	76	1720 (2x)	68	5	24,0/52,8
	24 DC	0,150 (2x)	11,2	2600		79	1750 (2x)			
HPV30	12 DC	0,115	19,8	2530	280	74	1550	65	6,8	32,0/70,4
	24 DC	0,125	9,9	2900		78	1700			
HPV36	12 DC	0,160	27,2	2560	305	83	2100		9,4	50,0/110,0
	24 DC	0,177	13,6	3000		84	2400			

HEAT EXCHANGERS

HPV - AC

Series	Technical data									
	V	Phases	Power (kW)	Amp (A)	RPM	Ø Fan	dB(A)	IP	Vol (l)	W(kg/lb)
HPV12	115-230V	1	0,25	5,6/2,8	3450	315	75	65	1,9	18,6/41,0
HPV18	115-230V	1	0,37	8,0/4,0	1725	400	78		2,9	26,8/59,0
	230-460V	3		2,0/1,0						25,9/57,0
HPV24	115-230V	1	0,37	8,0/4,0	1725	400	78		2,9	33,6/74,0
	230-460V	3		2,0/1,0						32,3/71,0
HPV25	115-230V	1	0,56	10,8/5,4	1725	450	79		5,0	38,2/84,0
	230-460V	3		2,8/1,4						36,4/80,0
HPV30	115-230V	1	0,56	10,8/5,4	1725	450	80		6,8	42,8/94,0
	230-460V	3		2,8/1,4						40,5/89,0
HPV36	115-230V	1	1,10	17,2/8,6	1725	500	85		9,4	60,9/134,0
	230-460V	3		5,0/2,5	1740					58,6/129,0
HPV42	115-230V	1	1,10	17,2/8,6	1725	560	85		10,6	79,0/174,0
	230-460V	3		5,0/2,5	1740					75,5/166,0
HPV50	115-230V	1	1,49	18,4/9,2	1725	630	85		14,2	101,4/223,0
	230-460V	3		6,2/3,1						111,8/246,0
HPV52	115-230V	1	1,49	18,4/9,2	1725	630	85		17,7	111,4/245,0
	230-460V	3		6,2/3,1						109,1/240,0

HPV - 82E2

Series	Technical data			
	Fan HP at 2000 RPM	Ø Fan	Vol (l)	W (kg/lb)
HPV12	0,06	315	1,9	15,5/34,0
HPV18	0,75	400	2,9	20,5/45,0
HPV24	0,76	400	2,9	27,3/60,0
HPV25	1,2	450	5,0	33,2/73,0
HPV30	1,2	450	6,8	36,8/81,0
HPV36	2,2	450	9,4	48,6/107,0
HPV42	2,3	560	10,6	58,2/128,0
HPV50	3,0	630	14,2	86,8/191,0
HPV52	3,1	630	17,7	99,5/219,0

FILTRATION

SUCTION STRAINERS

- Internally mounted
- Reusable stainless steel mesh 090/100
- Bypass valve (optional)
- Epoxy-bonded
- NPT or SAE threads

SUCTION STRAINERS

HF410 SERIES

Series	Threads NPT	Nominal flow USgpm (lpm)
HF 410-10.060	1/2”	6,6 (25)
HF 410-20.077	3/4”	7,9 (30)
HF 410-20.122	3/4”	9,2 (35)
	1”	11,9 (45)
HF 410-30.122	1”	15,9 (60)
	1-1/4”	19,8 (75)
HF 410-30.162	1	23,8 (90)
	1-1/4”	27,7 (105)
HF 410-30.195	1-1/4”	33 (125)
	1-1/2”	34,3 (130)
	2”	37 (140)
HF 410-40.162	2”	50,2 (190)
HF 410-40.195	2”	60,8 (230)
HF 410-40.239	2-1/2”	75,3 (285)

SUCTION STRAINERS

MF SERIES

Series	Threads NPT	Nominal flow USgpm (lpm)
MF-02	1/4”	2,1 (8)
MF-03	3/8”	3,2 (12)
MF-04	1/2”	5,3 (20)
MF-06	3/4”	7,4 (28)
MF-08	1”	10,6 (40)
MF-10	1-1/4”	15,9 (60)
MF-12	1-1/2”	21,1 (80)
MF-12L	1-1/2”	31,7 (120)
MF-16	2”	42,3 (160)
MF-16L	2”	52,8 (200)
MF-20	2-1/2”	79,3 (300)
MF-24	3”	105,7 (400)
MF-24L	3”	158,5 (600)

SUCTION STRAINERS

MFS SERIES

Series	Threads NPT	Nominal flow USgpm (lpm)
MFS-03	3/8”	3,2 (12)
MFS-04	1/2”	5,3 (20)
MFS-06	3/4”	7,9 (30)
MFS-08	1”	10,6 (40)
MFS-10	1-1/4”	21,1 (80)
MFS-12	1-1/2”	21,7 (120)
MFS-12L	1-1/2”	52,8 (200)
MFS-16	2”	52,8 (200)
MFS-20	2-1/2”	79,3 (300)
MFS-24	3”	105,7 (400)
MFS-24L	3”	158,5 (600)
MFS-32	4”	211,3 (800)
MFS-32R	4”	317 (1200)
MFS-32M	4”	423 (1600)
MFS-32L	4”	634 (2400)

SUCTION STRAINERS

MFP SERIES

Series	Threads NPT	Nominal flow USgpm (lpm)
MFP-04	1/2”	5,3 (20)
MFP-06	3/4”	7,9 (30)
MFP-08	1”	10,6 (40)
MFP-10	1-1/4”	21,1 (80)
MFP-12	1-1/2”	21,7 (120)
MFP-12L	1-1/2”	52,8 (200)
MFP-16	2”	52,8 (200)
MFP-20	2-1/2”	79,3 (300)
MFP-24	3”	105,7 (400)

TANK-MOUNTED SUCTION STAINERS

TANK-MOUNTED SUCTION STAINERS

TMF SERIES

Series	External threads NPT	Internal threads NPT	Nominal flow USgpm (lpm)
TMF-03	3/4”	3/8”	3 (12)
TMF-05	1”	1/2”	5 (20)
TMF-10	1-1/4”	3/4”	10 (40)
TMF-15	1-1/2”	1”	15 (60)
TMF-25	2”	1-1/2”	25 (100)
TMF-50	3”	2”	50 (200)
TMF-100	4”	3”	100 (400)
TMF-200	6”	4”	200 (800)

Series	External threads SAE	Internal threads SAE	Nominal flow USgpm (lpm)
TMF-03	12	8	3 (12)
TMF-05	16	8	5 (20)
TMF-10	20	12	10 (40)
TMF-15	24	16	15 (60)
TMF-20	24	20	20 (80)
TMF-30	32	20	30 (120)
TMF-40	48	32	40 (160)

TANK-MOUNTED SUCTION STAINERS

TMT SERIES

Series	External threads SAE	Internal threads SAE	Nominal flow USgpm (lpm)
TMT-03	12	8	3 (12)
TMT-05	16	8	5 (20)
TMT-10	20	12	10 (40)
TMT-15	24	16	15 (60)
TMT-20	24	20	20 (80)
TMT-30	32	20	30 (120)
TMT-40	48	32	40 (160)

TMH SERIES

Series	Threads SAE	Tube (O.D.)	Nominal flow USgpm (lpm)
TMH-04	16	1"	3 (12)
TMH-10	24	1"	5 (20)
TMH-20	32	1 1/4"	10 (40)
TMH-25	48	1 1/2"	15 (60)
TMH-30	48	1 1/2"	20 (80)
TMH-40	48	2"	30 (120)

FILTRATION

SPIN-ON FILTERS

- Die-cast aluminum head
- Easy element replacement
- Bypass valve as standard
- Dual heads available

SPIN-ON FILTERS

SF SERIES

Type	Thread size	Max. flow (P10) USgpm (lpm)	Operating pressure psi (bar)
SF10	NPT 3/8, SAE 6	10 (38)	150 (10)
SF20	NPT 3/4, NPT 1, SAE 8, SAE 12	18 (70)	150 (10)
SF20-L	NPT 3/4, NPT 1, SAE 8, SAE 12	26 (100)	150 (10)
SF30	NPT 1-1/4, SAE 20	40 (150)	150 (10)
SF30-L	NPT 1-1/4, SAE 20	60 (225)	150 (10)
SF40	NPT 1-1/2	80 (300)	150 (10)
SF50	NPT 1-1/2 + SPLIT	80 (300)	150 (10)

HF620 SERIES

Type	Thread size	Max. flow (P10) USgpm (lpm)	Operating pressure psi (bar)
HF620-20.135	NPT 3/4	17,2 (65)	174 (12)
HF625-20.135	NPT 3/4		360 (25)
HF620-20.180	NPT 3/4	19,8 (75)	174 (12)
HF620-30.155	NPT 1-1/4	43,6 (165)	174 (12)
HF620-30.210	NPT 1-1/4	47,5 (180)	174 (12)
HF620-40.210	NPT 1-1/2	71,3 (270)	174 (12)
HF620-50.210	NPT 1-1/2 + SPLIT		174 (12)

TANK-MOUNTED RETURN FILTERS

- Compact, space-saving design
- Easy replacement of filtering elements
- No contamination while changing filtering elements
- Removable plastic bowl
- Paper or fiberglass elements
- Breather available on specific models
- Choice of pressure gauge, with either visual or electric indicator

TANK-MOUNTED RETURN FILTERS

HF502 SERIES

Type	Thread size NPT or SAE	Max. flow (P10) USgpm (lpm)	Operating pressure psi (bar)
HF502-10.060	1/2	6,6 (25)	116 (8)
HF502-20.077	3/4	14,5 (55)	116 (8)
HF502-20.122	1	19,8 (75)	116 (8)
HF502-20.201	1	30,4 (115)	116 (8)
HF502-30.195	1 1/4	58,1 (220)	116 (8)
HF502-30.239	1 1/2	66,0 (250)	116 (8)
HF502-40.195	2	100,4 (380)	116 (8)
HF502-40.239	2	126,8 (480)	116 (8)
HF502-40.390	2	147,9 (560)	116 (8)
HF502-40.512	2	153,2 (580)	116 (8)

RF SERIES

Type	Thread size SAE	Max. flow (P10) USgpm (lpm)	Operating pressure psi (bar)
RF5010.074	SAE 8	12 (45)	100 (7)
RF5020.079	SAE 12	15 (55)	100 (7)
RF5020.128	SAE 16	21 (80)	100 (7)
RF5020.196	SAE 16	30 (115)	100 (7)
RF5030.238	SAE 20	46 (175)	100 (7)

HF547 SERIES

Type	Thread size NPT or SAE	Max. flow (P10) USgpm (lpm)	Operating pressure psi (bar)
HF547-10.095	1/2	7,9 (30)	116 (8)
HF547-10.145	1/2	7,9 (30)	116 (8)
HF547-10.195	1/2	9,2 (35)	116 (8)
HF547-20.077	3/4	13,2 (50)	116 (8)
HF547-20.122	1	18,5 (70)	116 (8)
HF547-20.201	1	29,0 (110)	116 (8)
HF547-20.280	1 1/4	42,3 (160)	116 (8)

FILTRATION

MEDIUM- AND HIGH-PRESSURE FILTERS

- For in-line and return line filtration
- High filtration performance
- High-resistance filtering elements
- Choice of visual or electric indicator

MEDIUM- AND HIGH-PRESSURE FILTERS

HF SERIES

Type	Thread size SAE	Max. flow (SB040) USgpm (lpm)	Operating pressure psi (bar)
HF705-10.040	SAE 8	9,2 (35)	5075 (350)
HF705-20.070	SAE 10	18,5 (70)	5075 (350)

Type	Thread size SAE	Max. flow (FG010) USgpm (lpm)	Operating pressure psi (bar)
HF745-20.080	SAE 12	9,2 (35)	4500 (310)
HF745-20.106	SAE 12	13,2 (50)	4500 (310)
HF745-20.203	SAE 12	21,1 (80)	4500 (310)
HF745-30.115	SAE 16	22,5 (85)	4500 (310)
HF745-30.223	SAE 16	38,3 (145)	4500 (310)

Type	Thread size SAE	Max. flow (FG010) USgpm (lpm)	Operating pressure psi (bar)
HF760-20.080	SAE 12	9,2 (35)	6090 (420)
HF760-20.106	SAE 12	13,2 (50)	6090 (420)
HF760-20.203	SAE 12	21,1 (80)	6090 (420)
HF760-30.115	SAE 16	22,5 (85)	6090 (420)
HF760-30.223	SAE 16	38,3 (145)	6090 (420)
HF760-40.102	SAE 20	42,3 (160)	6090 (420)
HF760-40.132	SAE 20	52,8 (200)	6090 (420)
HF760-40.227	SAE 20	76,6 (290)	6090 (420)
HF760-40.372	SAE 24	101,7 (385)	6090 (420)
HF760-40.517	SAE 24	112,3 (425)	6090 (420)

TANK ACCESSORIES

TANK ACCESSORIES

STEEL FILLER BREATHERS

The Canimex tank accessories program introduces a complete range of components with unique characteristics to keep the fluid in optimal condition.

TANK ACCESSORIES

TANK ACCESSORIES

BH

- Aluminum die-cast construction
- Black powder coated option
- 40µm (standard) / 10µm (optional)
- Air flow of up to 25 cfm (750 lpm)
- Dipstick available

Series	Threads NPT	Filtration µ
BH-45	3/8 ; 1/2	40
BH-80	3/4 ; 1	40
BH-110	1-1/2	10
BH-145	2	10
BH-185	2-1/2	10

TANK ACCESSORIES

BH...A

- Aluminum die-cast construction
- 40µm (standard) / 10µm (optional)
- Air flow of up to 25 cfm (750 lpm)
- Dipstick (optional)

Series	Threads	Filtration µ
BH-65	NPT 1/2	40
BH-80	NPT 1-1/4 ; SAE 20	40
BH-110	SAE 20	40

TANK ACCESSORIES

TANK ACCESSORIES

BH...AH

- Sturdy aluminum die-cast construction
- Filtration SS 100 mesh (standard)
- For rugged application
- Dipstick (optional)

Series	Threads NPT
BH-45	3/8 ; 1/2 ; 3/4
BH-80	1-1/4
BH-90	2

TANK ACCESSORIES

BHP

- Sturdy construction (ABS)
- Splash guard (standard)
- Filtration rating of 40µm
- Suitable for miniature power packs
- Dipstick (optional)

Series	Threads NPT
BHP-35	3/8
BHP-40	1/2
BHP-45	3/4
BHP-50	1
BHP-72	1-1/4

TANK ACCESSORIES

BHM

- Plastic breather for mobile applications
- Filtration rating of 10µm (standard)
- Air flow up to 25 cfm (750 lpm)
- Rugged nylon housing
- Filler strainer
- Splash guard feature (standard)

Series	Threads NPT
BHM-120	1-1/4

TANK ACCESSORIES

SFB

- Easily replaceable spin-on element
- Cast aluminum housing
- Alternative to standard breather
- Flange and screw type mounting
- Filtration of up to 10 and 25µm
- For dusty ambient conditions

Series	Type
SFB20	Flanged or threaded
SFB30	Flanged or threaded

TANK ACCESSORIES

TANK ACCESSORIES

HY

- Chrome-plated steel cap
- Black powder coated finish option
- Filtration rating of 40µm (standard) / 10µm (optional)
- Air flow of up to 25 cfm (750 lpm)
- Metal strainer (standard)
- Hardware includes gaskets and 10-32 screws

HY-W

- Chrome-plated steel cap
- Welded
- Black powder coated finish option
- Filtration rating of 40µm (standard) / 10µm (optional)
- Air flow up to 25 cfm (750 lpm)
- Metal strainer (standard)
- Hardware includes gaskets and 10-32 screws

HY-A

- Aluminum die-cast construction
- Filtration rating of 40µm (standard) / 10µm (optional)
- Air flow to 25 cfm (750 lpm)
- Standard 4" metal strainers (6" and 8" options available)
- Hardware includes gaskets and 10-32 screws

TANK ACCESSORIES

HY-AH

- Sturdy aluminum die-cast construction
- Filtration SS 100 mesh (standard)
- For rugged applications
- Standard metal strainer included
- Dipstick (optional)
- Hardware includes gaskets and 10-32 screws

HYM

- Plastic breather for mobile applications
- Filtration rating of 10µm (standard)
- Air flow of up to 25 cfm (750 lpm)
- Rugged nylon housing
- Filler strainer with basket
- Hardware includes gasket
- Splash guard feature (standard)

PT

- Chrome-plated steel cap
- Black powder coated finish option
- Filtration rating of 40µm (standard) / 10µm (optional)
- Air flow of up to 25 cfm (750 lpm)

TANK ACCESSORIES

TANK ACCESSORIES

HYC

- Weld-on filler breather
- Filtering basket
- Air filtration rating of 40µm
- Zinc-coated metal strainer
- Aluminum cap
- High-neck phosphated tube

LEVEL GAUGE - HL91S

- O-ring type construction
- Three sizes for bolt centre (3”, 5” or 10”)
- For non-pressurised tanks only
- Can be mounted on tapped holes
- Suitable for mineral- and petroleum-based oils
- Maximum temperature: 80 °C (176 °F)

TANK ACCESSORIES

LEVEL GAUGE - LS

- Easy to install
- Thermometer included
- Easy to read
- Chrome-plated steel case
- Two sizes for bolt centre (3” or 5”)
- Suitable for mineral- and petroleum-based oils

ELECTROMAGNETIC LEVEL GAUGE - ELG

- Stainless steel rod can be cut with ease
- Suitable for unclean liquids
- Electromagnetic
- Totally safe, containing no electrical part in the fluid
- Nylon glass body

TANK ACCESSORIES

SIGHT GLASS - SGP

- Shock-resistant
- Transparent polyamide lens
- Operating temperature: 80 °C (176 °F)
- Buna-N seal
- For use with mineral- and petroleum-based fluids
- Any contact with alcohol and/or solvents must be avoided

Series	Weld flange to suit
SGP-SAE8	TWF-OB
SGP-SAE10	TWF-OD

STEEL SIGHT GLASS - SGS

- Shock-resistant
- Operating temperature: 80 °C (176 °F)
- Buna-N seal / dowty seal
- For use with mineral- and petroleum-based fluids

Series	Weld flange to suit
SGS-SAE6	TWF-OA
SGS-SAE8	TWF-OB
SGS-SAE10	TWF-OD
SGS-SAE12	TWF-OF
SGS-SAE16	TWF-OG
SGS-SAE24	TWF-OH

TANK ACCESSORIES

WELDABLE FLANGE - TWF-NPT

- Steel construction (SS available)
- Black phosphate finish (suitable for welding)
- Flanged design minimizes warpage

Series	Threads NPT
TWF-NC	3/8
TWF-ND	1/2
TWF-NE	3/4
TWF-NF	1
TWF-NG	1-1/4
TWF-NH	1-1/2
TWF-NL	2
TWF-NN	3

MAGNETIK TANK CLEANER - MTC

- No moving parts
- Decreases wear on pumps/valves
- Eliminates troublesome ferrous fines
- Keeps hydraulic fluid cleaner
- Easy to remove without downtime or oil loss
- Improved performance when used with diffuser
- Large, exceptionally efficient large ceramic magnets

TANK ACCESSORIES

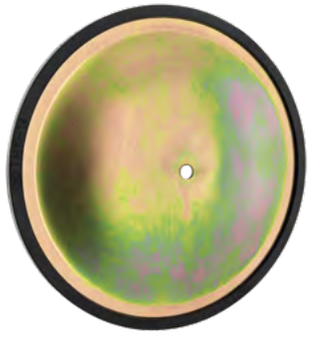
TANK ACCESSORIES

WELDABLE FLANGE - TWF-SAE

- Steel construction (SS available)
- Black phosphate finish (suitable for welding)
- Flanged design minimizes warpage
- SAE O-ring ensures leak protection

Series	Threads SAE
TWF-OZ	4
TWF-OA	6
TWF-OB	8
TWF-OC	10
TWF-OD	12
TWF-OE	14
TWF-OF	16
TWF-OG	20
TWF-OH	24
TWF-OI	32
TWF-OJ	48

TANK COVER - THY



- Steel clean-out covers
- 5 models available
- Buna lip seal
- Heavy-duty steel construction

ACCESSORIES

ACCESSORIES

HIGH PRESSURE BALL VALVE

- 2- and 3-way configurations
- Full passage for unrestricted flow
- Floating ball design for positive seal
- ¼ turn positive operation
- Fixing holes available

Description	Type	Threads		Pressure psi (bar)
		NPT	SAE	
CRH2	2-way	1/4 to 1 1/2	4 to 24	7250 (500)
CRHI2	2-way	1 1/4 to 2	-	5075 (350)
CRH3	3-way	3/8 to 1 1/4	4 to 24	7250 (500)

PUMP FLANGE

- SAE straight port connectors
- BSPP straight port connectors
- Split and closed flanges
- Complete with screws and seals

LIQUID FILLED PRESSURE GAUGE - PG

- Stainless steel case
- Available with 2 ½" and 4" dial
- Glycerin or silicone filled
- Vacuum to 15 000 psi
- ¼" NPT brass bottom or back connection
- PSI and BAR readings
- Different models available

ACCESSORIES

ACCESSORIES

CLOGGING INDICATOR - PGF

- Used with our filter heads
- Coloured scale for easy reading
- NPT 1/8" threaded stem
- 1½" and 2" face diameter
- For return or suction line

PRESSURE SWITCH - DN

- No drain line
- ¼" NPT pressure connection
- With screw or graduated hand knob
- Unlimited mounting positions

ACCESSORIES

BH - PUMP/MOTOR MOUNTING ADAPTORS

- High-strength aluminum casting
- Lightweight
- Vertical or horizontal mounts
- Suitable for gas or electric motors

Description	Motor frame	SAE pump flange	Face-to-face (in)
BH-E1C-R8	56C to 145TC	4F17	3,5 ; 4,25 ; 4,40
BH-E1C-S0		SAE “AA” - 2 bolt	3,5 ; 4,25 ; 4,40
BH-E1C-S1		SAE “A” - 2 bolt	3,5 ; 4,25 ; 4,40
BH-V1C-S0		SAE “AA” - 2 bolt	5,12 ; 6,40
BH-V1C-S1		SAE “A” - 2 bolt	4,40 ; 5,12 ; 6,40
BH-E2C-R8	182TC to 256TC	4F17	5,0
BH-E2C-S0		SAE “AA” - 2 bolt	5,0
BH-E2C-S1		SAE “A” - 2 bolt	5,0 ; 5,81 ; 6,81
BH-E2C-S5		SAE “B” - 2 bolt	5,81 ; 6,81
BH-E2C-S7		SAE “C” - 2 bolt	5,81 ; 6,81
BH-V2C-S0		SAE “AA” - 2 bolt	5,12 ; 6,40
BH-V2C-S1		SAE “A” - 2 bolt	4,40 ; 5,12 ; 6,40
BH-E3C-S1	248TC to 286TSC	SAE “A” - 2 bolt	6,87 ; 7,87
BH-E3C-S3		SAE “B” - 2/4 bolt	6,87 ; 7,87
BH-E3C-S5		SAE “B” - 2 bolt	6,87
BH-E3C-S7		SAE “C” - 2 bolt	6,87 ; 7,87
BH-E4C-S3	324TC to 405TC	SAE “B” - 2/4 bolt	7,06 ; 8,75
BH-E4C-S8		SAE “C” - 2/4 bolt	7,06 ; 8,75
BH-E4C-D8		SAE “D” - 2/4 bolt	8,75
BH-G5H-R8	Ø = 1 5/8” BC = 3 5/8”	4F17	4,44
BH-G5H-S0		SAE “AA” - 2 bolt	4,44
BH-G5H-S1		SAE “A” - 2 bolt	4,69
BH-G9H-R8	Ø = 5¾” BC = 6½”	4F17	5,625
BH-G9H-S0		SAE “AA” - 2 bolt	5,125 ; 5,625
BH-G9H-S1		SAE “A” - 2 bolt	5,125 ; 5,625 ; 6,00 ; 6,75 ; 7,75
BH-G9S-S1	Ø = 6-7/16 “ BC = 6½”	SAE “A” - 2 bolt	6,75
BH-G9G-S1	Ø = 7” BC = 7¾”	SAE “A” - 2 bolt	6,75 ; 7,75

ACCESSORIES

CXL - JAW COUPLINGS

Series	HP		Bore (in)	
	1800 RPM	3600 RPM	Min.	Max.
CXL050	0,76	1,52	3/16”	5/8”
CXL070	1,24	2,48	3/16”	3/4”
CXL075	2,57	5,14	3/16”	1”
CXL090	4,10	8,20	3/16”	1-1/8”
CXL095	5,54	11,08	3/8”	1-1/8”
CXL099	9,08	18,16	1/2”	1-1/4”
CXL100	11,92	23,84	7/16”	1-3/8”
CXL110	22,63	45,26	1/2”	1-7/8”
CXL150	35,46	70,82	5/8”	1-7/8”
CXL190	49,36	98,72	5/8”	2-1/4”
CXL225	66,83	133,66	3/4”	2-5/8”

Type	Material	Power factor
N	NBR	1
U	Urethane	1,5
H	Hytrel	2,5

Recommended service factor			
Application	Electric motor	Gas engine	
		1 cyl.	2 cyl.
Gear pump	1,25	2,00	1,60

ELECTRONIC

JOYSTICKS

- Hall effect contactless double-axis joysticks or pedals
- CANbus models
- Long life and precise, comfortable control
- Robust mechanical design
- Heavy-duty joystick available

Series	Interface	Signal range	Proportional functions	On/Off functions
AJW	-	0,5 V to 4,5 V	2 to 6	1 to 10
CJW	CANopen - SAEJ1939-ISOBUS	-	2 to 6	1 to 10
HJW	CANopen - CANopen Safety	-	2 to 6	1 to 10
APW	-	0,5 V to 4,5 V	4	-
CPW	CANopen - SAEJ1939	-	4	-

CONTROL UNITS

- Microprocessor-based PWM driver
- Designed for PHC electronic systems

Series	Interface	Inputs	Proportional outputs
CED400W	RS232, 9600, 8, N, 1 CANopen - SAEJ1939	A = up to 4 D = up to 6	12
PVD200	RS232, 9600, 8, N, 1 CANopen - SAEJ1939	A = up to 4	2 pairs
CED1200S	RS232, 9600, 8, N, 1 CANopen - SAEJ1939 Ethernet BroadR-Reach, LIN	A = up to 32 D = up to 12	48

A: analog inputs
D: digital inputs

COMPLETE ELECTRONIC SYSTEM FOR LOADER

- Harness dedicated to predefined PHC systems
- Power-line connection with fuse protection
- Suitable for static or fixed installation

Series	Interface	Proportional functions	Digital outputs
PHC251C	CANbus	2	3

HANDLES

- New XMH ergonomic middle-size handle with soft-touch coating for comfortable hand grip
- Up to 3 control elements: thumbweels, pushbuttons and rocker switches

Series	Proportional functions	On/Off functions
XMH	3	6
P (PT)	2	8 (10)
H	1	8
S	1	4
V	0	4
10	0	1
AMH	1	10
MTH	4	10

RADIO REMOTE CONTROLS

RADIO REMOTE CONTROLS

MINI

	MINI
Control options	4- or 8-button configuration available with optional PWM output
Operating temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Storage temperature	-55 °C to 100 °C (-67 °F to 212 °F)
Material	Glass-filled copolymer
Ingress protection	IP54 (Transmitter) IP67 (Receiver)
Dimensions	96,5 mm x 45,7 mm x 22,9 mm (3.8"H x1.9"W x0.9"D)
Battery	2 AAA alkaline batteries
Operating time	Up to 20 hours of continuous keypress

RADIO REMOTE CONTROLS

MICRO

	MICRO
Control options	2-, 4- or 8-button configuration
Operating temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Storage temperature	-55 °C to 100 °C (-67 °F to 212 °F)
Material	Glass-filled nylon
Ingress protection	IP65 nominal (may vary with custom configurations)
Dimensions	71,1 mm x 44,4 mm x 15,2 mm (2.80"H x1.75"W x0.60"D)
Battery	Lithium-polymer batteries
Operating time	Up to 30 hours of continuous keypress

RADIO REMOTE CONTROLS

MACRO

	MACRO
Control options	4-, 8- or 15-pushbutton configuration
Operating temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Storage temperature	-55 °C to 100 °C (-67 °F to 212 °F)
Material	Glass-filled nylon
Ingress protection	IP65 nominal (may vary with custom configurations)
Dimensions	119,4 mm x 66,0 mm x 22,9 mm (4.7"H x2.6"W x0.9"D)
Battery	Lithium-polymer batteries or AAA alkaline batteries
Operating time	20 hours of continuous keypress

RADIO REMOTE CONTROLS

MEGA

	MEGA
Control options	12-, 18- or 20-pushbutton configuration, LCD display (optional with 18-pushbutton configuration), dual action (optional)
Operating temperature	-40 °C to 85 °C (-40 °F to 185 °F) -20 °C to 70 °C (-4 °F to 158 °F) with LCD display
Storage temperature	-55 °C to 100 °C (-67 °F to 212 °F) -30 °C to 70 °C (-22 °F to 158 °F) with LCD display
Material	Glass-filled nylon
Ingress protection	IP65 nominal (may vary with custom configurations)
Dimensions	152,4 mm x 76,2 mm x 33,0 mm (6.0"H x3.0"W x1.3"D)
Battery	2 AA alkaline batteries or rechargeable NiMH battery
Operating time	25 hours of continuous keypress

RADIO REMOTE CONTROLS

GIGA

	GIGA
Control options	24- or 34-pushbutton configuration
Operating temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Storage temperature	-55 °C to 100 °C (-67 °F to 212 °F)
Material	Glass-filled nylon
Ingress protection	IP65 nominal (may vary with custom configurations)
Dimensions	190,5 mm x 86,4 mm x 38,1 mm (7.5"H x3.4"W x1.5"D)
Battery	Lithium-polymer batteries or Higher Capacity Lithium
Operating time	20 hours of continuous keypress

RADIO REMOTE CONTROLS

GUIDER

	GUIDER
Control options	Up to 8 toggle switches, E-stop, pushbuttons, potentiometers, thumbwheels or proportional trigger
Operating temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Storage temperature	-40 °C to 100 °C (-40 °F to 212 °F)
Material	Polypropylene copolymer
Ingress protection	IP65 nominal (may vary with custom configurations)
Dimensions	218,4 mm x 124,5 mm x 114,3 mm (8.6”H x4.9”W x4.5”D)
Battery	4 AA alkaline batteries or rechargeable NiMH battery
Operating time	40 to 60 hours of continuous keypress

RADIO REMOTE CONTROLS

MK

	MK
Control options	Up to 8 pushbuttons, dual action (optional), E-stop or lighted pushbuttons (optional)
Operating temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Storage temperature	-55 °C to 100 °C (-67 °F to 212 °F)
Material	Glass-filled nylon
Ingress protection	IP65 nominal (may vary with custom configurations)
Dimensions	(2”x2.4”x various heights[6”/8.6”/11.5” or 14”])
Battery	2 AAA alkaline batteries
Operating time	20 hours of continuous keypress

BECAUSE EVERY INDUSTRY AIMS FOR EXCELLENCE

ELECTRONIC COMPONENTS

JUNCTION BOXES

WK02-08

	WK02-08
I/O	Up to 9 outputs, dump option available
Receiver	MINI directly mounted on WK box
Protection	IP65
Wiring	2.2m cable with molded DIN connector (with LED and VDR), bare end 3m battery wire
Physical	160.0 mm x 88.9 mm x 88.9 mm (6.3”H x3.5”W x3,5”D)

JUNCTION BOXES

WK10-12

	WK10-12
I/O	From 10 to 13 outputs, dump option available
Receiver	VC-93, VC-134 connected with mating harness
Protection	IP65
Wiring	2.2m cable with molded DIN connector (with LED and VDR), bare end 3m battery wire
Physical	200.7 mm x 119.4 mm x 88.9 mm (7.9”H x4.7”W x3,5”D)

JUNCTION BOXES

WK14-20

	WK14-20
I/O	From 14 to 20 outputs, dump option available
Receiver	VC-93, VC-134 connected with mating harness
Protection	IP65
Wiring	2.2m cable with molded DIN connector (with LED and VDR), bare end 3m battery wire
Physical	241.3 mm x 160.0 mm x 88.9 mm (9.5"H x6.3"W x3,5"D)

ELECTRONIC TIMER

TIM

- LED display
- From 1 second to almost 100 hours
- Long service life
- AC/DC voltage (7-36V, 110-240V)

CONNECTOR

C

- Wide range of connectors
- ISO 4400 DIN black or translucent connectors
- Deutsch DT and DTM connectors
- AMP or PACKARD connectors
- AC or DC voltage
- With or without LED
- Rectifier available
- IP67 DIN connectors with LED available

CONNECTOR WITH CABLES

CV AND CW

- With red or green LED and VDR
- 10A nominal current
- 250 VAC or 300 VDC working voltage
- Cable lenght of 1,5 ft, 3 ft, 6 ft, 10 ft or 16 ft
- IP65

ELECTRONIC COMPONENTS

PARTNERS

PROUDLY ASSOCIATED WITH

walvoil HYDRAULIC CONTROL SYSTEMS

CASAPPA®

M+S HYDRAULIC

HYSTAR

FINN ROTOR

BORELLI

Hydro-Tek®

OFFICINE MECCANICHE ciocca

IKRON Fluid Filtration

ENNEGI HEAT-EXCHANGERS

SAIP

KAR-TECH KAR-TECH.COM

ADDITIONAL INFORMATION

This brochure shows each product in its most standard configuration. Please contact Canimex for any special request.

NOTICE

All specifications in this brochure refer to the standard product at the time of printing. Canimex reserves the right to discontinue, modify or revise the specifications shown in this brochure without notice.

CANIMEX shall not be held responsible for any damage caused by an incorrect use of the product.

Our clients, the heart of our history.

Canimex Group in brief

50

Over 50 YEARS of partnership and innovation

6

The strenght of one group with the expertise of 6 business UNITS

800

Over 800 qualified and dedicated employees

70

A world leader with a presence in more than 70 COUNTRIES

1,800,000

Production and warehousing facilities in Drummondville totalling more than 1,800,000 SQUARE FEET

1969

A tradition of excellence SINCE 1969

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