



JS International

The World Best in Hydraulic Components.

HST | SCU | GEAR PUMP | HOSE | TRACK MOTOR | SWING MOTOR | MAIN PUMP
RCV | WINCH MOTOR | PISTON MOTOR | PISTON PUMP | HYDRAULIC PARTS



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CEO 인사말

저희 회사에 끊임없는 성원과 격려를 해주시는
고객님 여러분께 진심으로 감사드립니다.

저희 회사는 창립이래로 제일유압 제품을 건설장비, 농기계, 산업장비 분야에 적용 공급하여,
고객 여러분들의 핵심부품 설계를 보다 쉽게 적용할수 있도록 노력하고 있습니다.

특히, 피스톤 타입의 유압모터, 유압펌프, 유압밸브, HST등의 제품은 고객 여러분들의 의견을 반영하여
제품의 성능은 세계적인 수준이라 할 수 있습니다.

현재는 특장장비, 조선등의 중공업 분야에 다양하게 적용될 제품을 개발 진행하고 있으며,
앞으로 세계적인 기술을 함께 보유하는 유압메이커가 될수 있도록 노력하겠습니다.

감사합니다.

Thank you our valued customers
for your continuous support.

JS International, Inc., has been working hard to help our customers apply their design for key components of their products in a broad range of industries by applying and supplying our various hydraulic products in such areas as construction equipment, agricultural machinery and industrial equipment since it started business.

Products such as hydraulic motors, hydraulic pumps, hydraulic valves and HST have been developed based on the designs that reflect intents and opinions of our customers and we are supplying optimized products that fit our customers' needs.

Currently, we are working on the development of various products that can be applied to varied areas of application in heavy industries including construction equipment, agricultural machinery, special-purpose equipment, and shipbuilding. We promise you we will develop more products that our customers will be in need of.

As a company which is doing its best for customer satisfaction with its best quality and customer services, we will work hard in the future too to become world best company JS International, Inc., a world class company specializing in hydraulic pressure systems.

In response to any types of applications, we supply very varied spiral hose products to our customers.

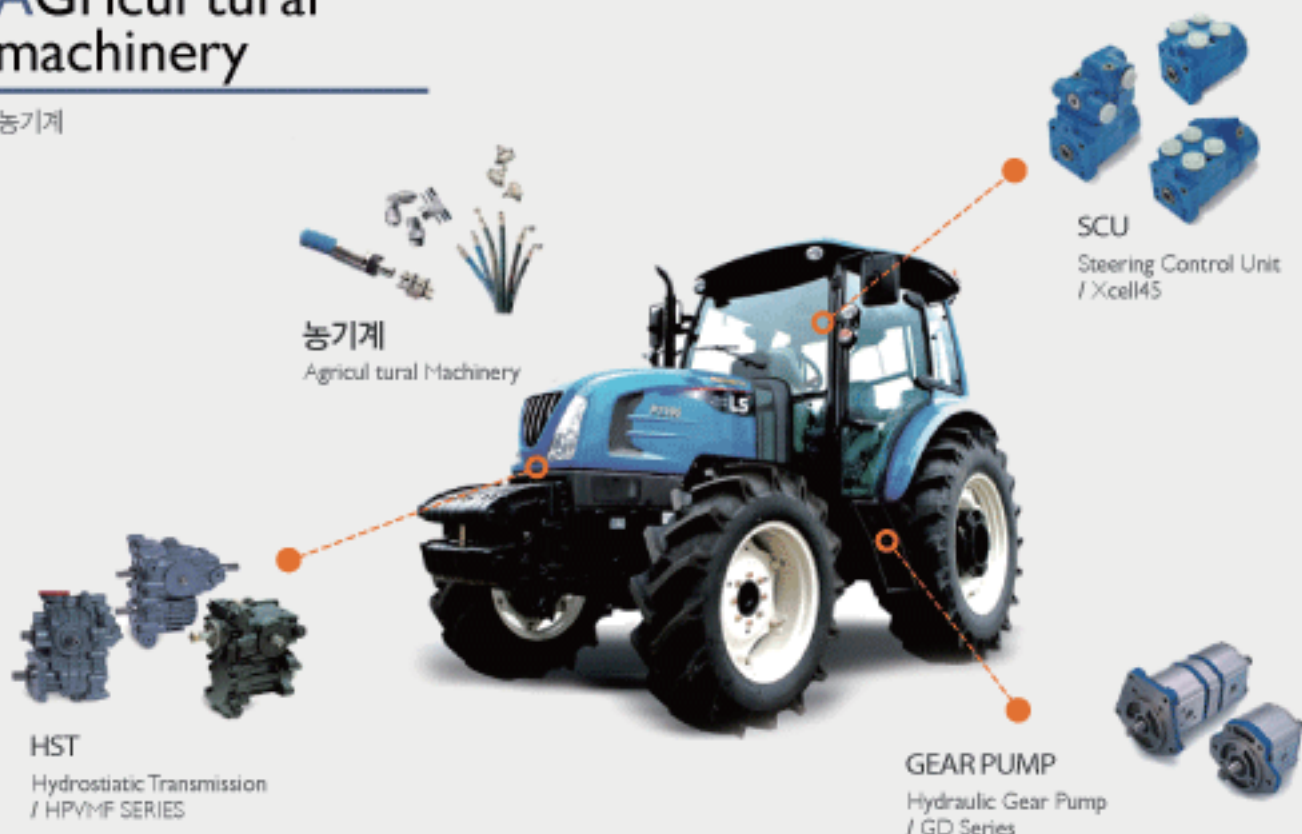
This product line is highly appropriate to all types of applications of hose products, including high and low pressure varied industrial fixed type applications and on/off highway mobile applications.

Our HYDRAULIC HOSE products, providing maximum durability and continuing performance, are designed to make them fit to needs of any industries such as construction equipment, agricultural machinery and shipbuilding.

CEO. *윤한수* *yoon han su*

AGricul tural machinery

농기계



농기계
Agricul tural Machinery

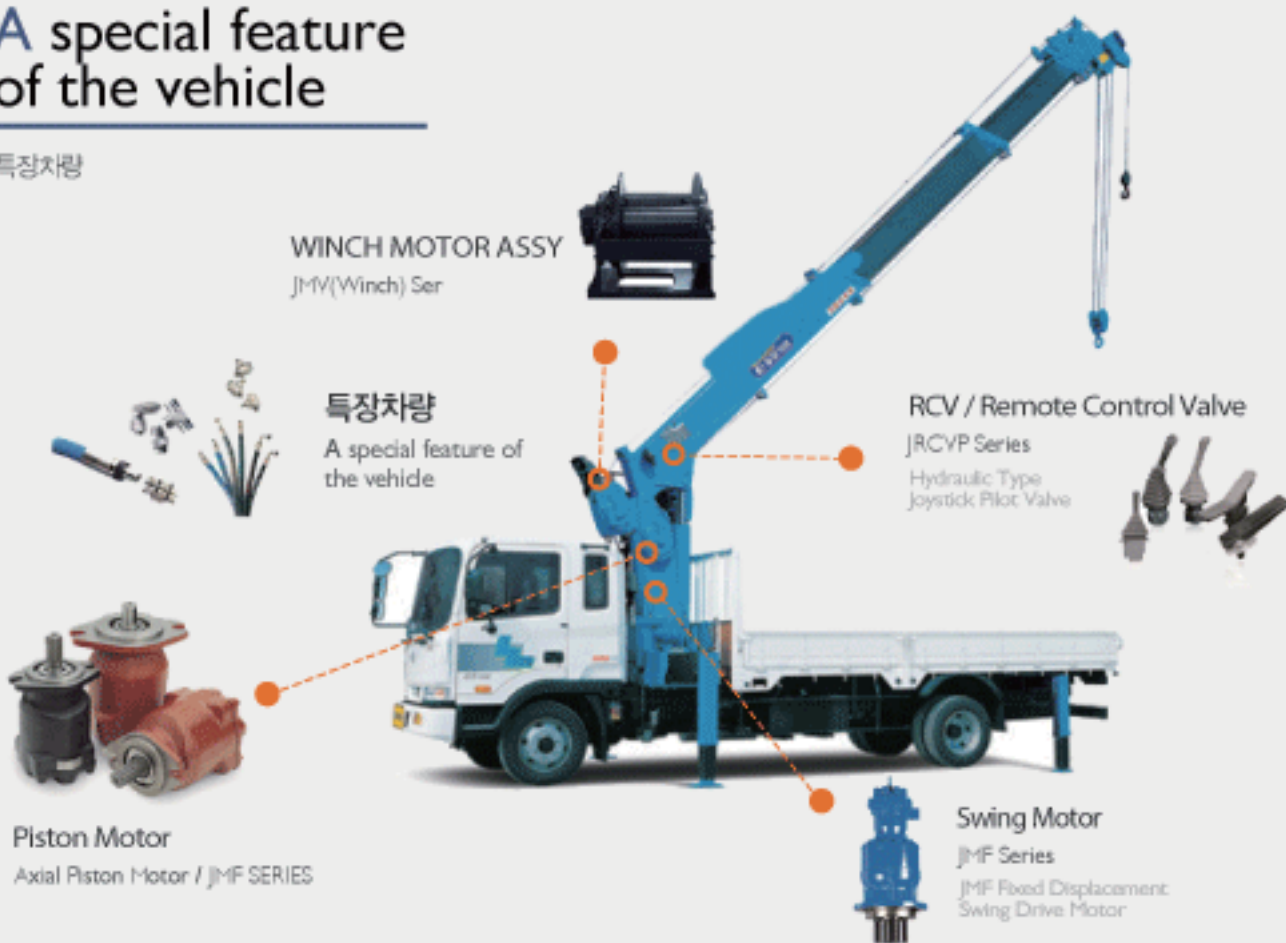
SCU
Steering Control Unit / Xcell45

HST
Hydrostatic Transmission / HPV/MF SERIES

GEAR PUMP
Hydraulic Gear Pump / GD Series

A special feature of the vehicle

특장차량



WINCH MOTOR ASSY
J1-W(Winch) Ser

특장차량
A special feature of the vehicle

RCV / Remote Control Valve
JRCVP Series
Hydraulic Type Joystick Pilot Valve

Piston Motor
Axial Piston Motor / J1MF SERIES

Swing Motor
J1MF Series
J1MF Fixed Displacement Swing Drive Motor

Construction Equipment

건설장비

굴삭기 Excavator

I 12 PUMP/ JPVB I 12x2
JPVB Series
Variable Displacement
Swash plate Type
Piston Pump

RCV / Remote Control Valve
JRCVP Series
Hydraulic Type
Joystick Pilot Valve

Swing Motor
JMF Series
JMF Fixed Displacement
Swing Drive Motor

Track Motor
JMV Series
2-Speed Displacement Axial Piston
Type Motor

지게차 Forklift

SCU
Steering Control Unit
/ Xcell45

스키드로더 Skid loader

RCV / Remote Control Valve
JRCVP Series
Hydraulic Type
Joystick Pilot Valve

HST (Hydrostatic Transmission)

Hydrostatic Transmission / HPVMF SERIES

HST는 유압펌프와 모터를 일체형으로 구성된 유압식 동력 전달 장치입니다. 펌프는 사판각도를 조작하여 움직임을 변화시킬 수 있는 가변 용적형 사판식 피스톤 펌프이며, 모터는 고정용적형 사판식 피스톤형을 채택하고 있습니다. 피스톤 펌프의 사판각도 변화에 의해서 모터회전을 정지에서 최대 회전수까지 변화시킬 수 있으며 정회전, 역회전이 가능합니다. HST장치를 구성할 시 간단한 레버 조작으로 전진, 후진, 정지가 가능하며 레버 조작범위에 비례하 속도를 얻을 수 있으므로, 농기계 건설기계 등의 주행장치에 간편하게 사용할 수 있도록 제작되어 있습니다.

Hydrostatic Transmission is a hydraulic power transfer device composed of HST hydraulic pump and motor in a single body. Pump displacement is varied upon the swash plate degree. The pump is equipped with varying displacement swash plate type piston and the motor is designed as a fixed displacement type. Motor rotation either for clockwise or counterclockwise direction can be changeable from stop to maximum number of rpm according to the change of swash plate degree of pump. With HST, forward, reverse and stop mode are performed using simple lever control, velocity proportional to lever handling range makes easy use of transporting system for agricultural and construction machines.

MODEL	MOTOR DISPLACEMENT	MOTOR DISPLACEMENT	MAX INPUT SPEED	MAX OUTPUT SPEED	MAX PRESSURE	MAX OUTPUT TORQUE	CHARGE PUMP DISPLACEMENT
	cc/rev	cc/rev	cc/rev	rpm	bar	bar	bar
HPVMF-16-L-01	0~16.4	16.4	3600	0~3600	210~380	6.5	4.9
HPVMF-16-L-02	0~16.4	16.4	3200	0~3200	210~380	5.5	4
HPVMF-18-L-01	0~18.3	18.3	3260	0~3260	280	8.2	6
HPVMF-20-L-01	0~20	20	2700	0~2700	280	8.9	
HPVMF-21-L-01	0~21.5	21.5	3600	0~3600	180	6.2	
HPVMF-23-L-02	0~23.7	23.7	3260	0~3260	250~315	11.9	6
HPVMF-23-L-03	0~23.3	23.3	3000	0~3000	280	10.4	6.2
HPVMF-28-L-01	0~28.1	28.1	3000	0~3000	300	13.4	6.2
HPVMF-28-L-02	0~28.2	28.2	3260	0~3260	340	15.3	6
HPVMF-28-L-03	0~28.17	28.17	2600	0~2600	340	15.3	
HPVMF-37-L-01	0~37	37	3000	0~3000	250~290	17	7.35
HPVMF-37-L-05	0~37	37	3000	0~3000	300~320	19	7
HPVMF-37-L-07	0~37	37	3000	0~3000	290~350	20.6	7.35
HPVMF-40-L-02	0~40.3	40.3	3250	0~3250	350	22.5	8
HPVMF-45-L-01	0~45	45	2800	0~3250	280	20.1	8



Gear Pump

Hydraulic Gear Pump / GD Series

기어펌프 한글 내용 필요 JVB 제품은 건설기계, 산업기계용 사용이 되는 피스톤펌프이며, 소형 고내구성용 겸비한 고압용 펌프입니다.

JVB 제품은 건설기계, 산업기계용 사용이 되는 피스톤펌프이며, 소형 고내구성용 겸비한 고압용 펌프입니다. 향상된 효율과 저소음으로 건설기계, 산업기계 등의 향상된 메인펌프로 사용할 수 있도록 설계되어 있습니다.

GDS-20 series gear pump are widely used for mobile and industrial applications. This lightweight construction is available with different SAE, customized mountings. The compact size is achieved by integral gear shaft supported with high performance bush bearing housed within a pressure-balanced pair of aluminium plates. Specially designed seals and pressure balancing ensure optimum pre-load on the gear faces that results in maintaining high volumetric and overall efficiencies at different load conditions. The drive shafts are available with various spline, parallel key and tapered versions as per SAE, DIN standards.



MODEL	DISPLACEMENT		Pressure P1 (bar)	Speed (rpm)		Approx. Wt.
	cc/rev	Nominal flow at 1500 rpm	Max. Continuous	Min	Max	HP
GDS-5	5.1	6.9	210	600	3000	2.7
GDS-8	8.2	11.0	210	600	3000	2.9
GDS-12	12.3	16.5	210	600	3000	3.2
GDS-16.5	16.7	23.7	210	600	3000	3.4
GDS-18	18.0	25.6	210	600	3000	3.5
GDS-20	20.0	28.5	210	600	3000	3.7
GDS-24	24.0	34.0	210	600	3000	4.0

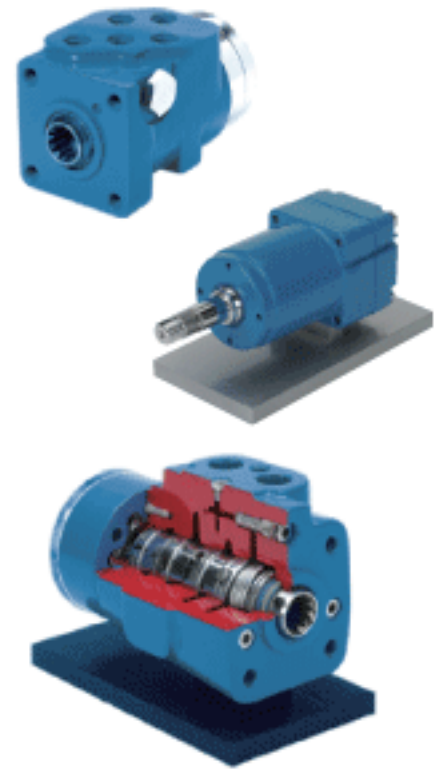
SCU (Steering Control Unit)

Steering Control Unit / Xcell45

Steering control Unit는 차량의 주행방향을 제어하는 펌프입니다. 특히, Xcell45 시리즈 Steering Control Unit(SCU)는 저유량, 저압 어플리케이션을 위해 설계되었습니다. Xcell45 시리즈 SCU는 190bar의 연속 압력 회전이 가능하며, 건설 및 농업기계와 같은 heavy duty 장비에 이상적입니다.

The steering control unit (SCU) is fully fluid linked. This means there is no mechanical connection between the steering unit, the pump and the steering cylinders. The unit consists of a manually operated directional control servo valve and feedback meter element in a single body. It is used principally for fluid linked power steering systems but it can be used for some servo-type applications or any application where visual positioning is required. The close coupled, rotary action valve performs all necessary fluid directing functions with a small number of moving parts. The manually actuated valve is coupled with the mechanical drive to the meter gear. The control is lubricated and protected by the power fluid in the system and can operate in many environments.

Max.System Pressure	190 bar	Max.System Pressure 190 bar [2755 psi]
Max. Back Pressure	35 bar	Max. Back Pressure 35 bar [500 psi]
50 - 125cc/r	7.5-15 LPM	50 - 125cc/r 7.5-15 LPM [2-4 GPM]
160 - 250cc/r	15-30 LPM	160 - 250cc/r 15-30 LPM [4-8 GPM]
320 - 500cc/r	30-45 LPM	320 - 500cc/r 30-45 LPM [8-12 GPM]
Powered Standard	1.7-2.8 Nm	
Powered Low Torque	1.3-2.2 Nm	
Powered Supper Low Torque	<1.4 Nm	
Non-powered	136 Nm	
Max. System	93°C	[200°F]
Operating Temperature		
Max. Differential Between	28°C	[50°F]
Steering Unit and Other		
System Temperature		
ATF Type A		
and Most Petroleum Based Fluids		
See Eaton Technical Bulletin 3-401		
Recommended Filtration:		
ISO 20/18/13 cleanliness level		



Piston Pump

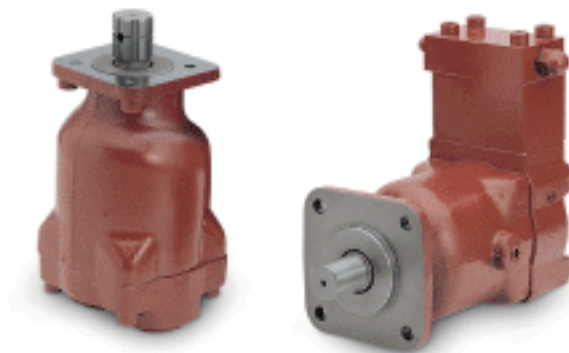
Axial Piston Motor / JPF SERIES

JPF SERIES 고정용량형 피스톤 펌프는 고압에 적합한 구조로서 고신뢰성을 유지하며 특장차, 산업기계, 선박기계등의 메인 펌프로 사용할 수 있도록 설계되어 있습니다.

- 구조가 간단하여 유지보수에 용이합니다.
- 슬롯부의 소재를 고급화하여 내구성이 뛰어납니다.

Highly reliable in a structure suitable for high pressure, the fixed capacity-type piston pump of the JPF series is designed to be used as a main pump for vehicles with special equipment and industrial and shipbuilding machinery.

- Maintenance and repair are easy because the structure of the pump is simple.
- Durability is excellent by using high-grade materials for the areas of frictions between parts.



MODEL	DISPLACEMENT (cc/rev)	PRESSURE (kgf/cm ²)		SPEED (rpm)	
		RATED	MAX	MIN	MAX
JPF48-01	48	210	250	500	2500
JPF54-01	54	210	320	500	2500
JPF54-03	54	210	320	500	3000

Swing Motor

JMF Series : JMF Fixed Displacement Swing Drive Motor



JMF-VBR Series는 사판식 피스톤 모터로서 건설기계의 선화용 및 선박기계의 원치용등 산업기계에 사용할수 있습니다. 메카니컬 브레이크, 릴리프밸브, 마이크임밸브를 내장하여 선화동작을 부드럽게 할 수 있도록 하였습니다. 모터, 브레이크장치, 밸브를 적절히 배치하여 경량화 하였습니다. 모터와 밸브를 최적화하여 고성능, 고신뢰성을 실현하였습니다. 가동 정지시 발생할수 있는 압력변화 토오크 변동을 흡수, 기계적 충격을 최소화 하였습니다.

This axial swash type piston motor may be used for industrial machinery, including for the circular movement of construction machinery and for the winching equipment of ships. The mechanical brake, relief valve and the make-up valve being built in, the circular movement of the motor is very smooth. The motor is made compact by arraying the motor, brake and valve in a proper manner. High capacity and reliability have been realized by optimizing the motor and the valves. Mechanical shocks have been minimized by absorbing changes in pressure and torque which may occur when the motor stops operation.

MODEL	MOTOR DISPLACEMENT	MAX OUTPUT TORQUE	GEAR RATIO	REDUCER MAX. SPEED	MAX. FLOW	NORMAL PRESSURE	PEAK PRESSURE	MECHANICAL BRAKE TORQUE (MOTOR)	TIME DELAY VALVE	ANTI-REVERSE VALVE	OUTPUT PINION	MASS	TYPICAL VEHICLE APPLICATION
	cc/rev	Nm		rpm	bar	bar	bar	Reducer			Module Number	kg	Ton
JMF 027	27	2116	22.5	59	36.6	230	276	98	●	x	7 14	50	4~5
JMF 029	29	1929	19.5	63	35.6	230	276	137	●	x	7 14	75	5~6
JMF 030	30	2118	19.5	60	35.6	230	276	137	●	x	7 14	75	5~6
JMF 032	32	2156	19.5	58	35.6	230	276	137	●	x	16/32 15	75	5~6
JMF 033	33	2277	19.5	63	40	230	276	137	●	x	7 14	75	7
JMF 036	36	2569	19.5	51	36	230	276	137	●	x	7 14	75	8
JMF 039	39	2213	19.5	90	75.6	230	276	137	●	x	16/32 15	75	8
JMF 043	43	2873	19.5	72	60	230	276	137	●	x	8 12	75	8
JMF 047	47	3182	19.5	74	68	230	276	137	●	x	8 12	77	8
JMF 053	53	3034	19.5	78	81	230	276	137	●	x	8 12	77	13
JMF 064	64	4565	19	107	130	280	336	245	●	●	10 12	160	14
JMF 068	68	4850	19	101	130	280	336	245	●	●	10 12	160	18
JMF 118	118	8122	17.6	82	170	280	336	579	●	●	12 13	237	22
JMF 151	151	9977	17.6	84	225	280	336	579	●	●	12 13	237	29
JMF 169	169	17787	23.6	62	250	320	385	686	●	●	14 15	240	30
JMF 195	195	18331	22	58	250	320	385	864	●	●	14 14	400	33~36
JMF 233	233	23166	22	56	288	320	385	1049	●	●	14 15	440	33~36
JMF 250	250	24858	22	52	288	320	385	1049	●	●	14 15	440	45~50

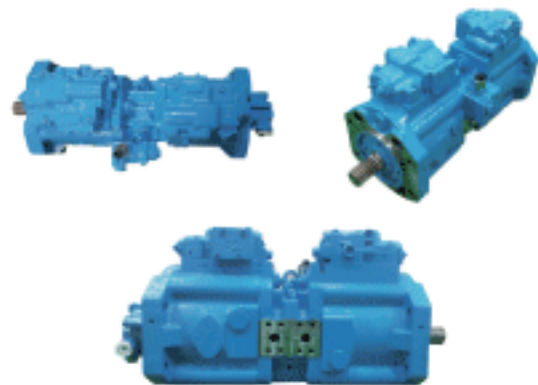
Main Pump

JPVB Series : Variable Displacement Swash plate Type Piston Pump

JPVB 제품은 건설기계, 산업기계용 사용이 되는 피스톤펌프이며, 소형 고내구성을 겸비한 고압용 펌프입니다. 향상된 효율과 저소음으로 건설기계, 산업기계 등의 향상된 메인펌프로 사용할수 있도록 설계되어 있습니다.

Remote control valve controls main control spool and also remotely controls numerous variable valves.

It is designed for guaranteeing durability and reliability, minimum press loss, also it provides xcellent response to little movement. High performance



MODEL		DISPLACEMENT	MAXIMUM RATED PRESSURE	MAXIMUM SPEED	FLOW AT 2000 RPM	MAXIMUM INPUT HP	MAXIMUM INPUT TORQUE
		cc/rev	bar	rpm	(l/min)	HP	Nm
JPVB112	Main Pump	2 X 112	345	2360	2 X 219	149	588
	Gear Pump	10	50	2360	19	(INCLUDING GEAR PUMP)	(INCLUDING GEAR PUMP)

Track Motor

JMV Series : 2-Speed Displacement Axial Piston Type Motor



JMV-RS Series는 건설기계, 선박기계, 특장차량, 산업기계등 많은 분야에서 사용이 되며, 고속저토크, 저속고토크 변환이 가능한 모터입니다. JMV-R Series는 2속 시판용 역사적 피스톤 모터로서 브레이크밸브, 기계키컬 브레이크를 내장하고 있습니다. 모터 각 부분 시스템을 최적화된 고압, 고성능 모터입니다.

JMV-R Series is a hydraulic motor which enables conversion from high-speed low torque to low-speed high torque, and vice versa. It is used in various areas, including construction shipbuilding, and industrial machinery and vehicles with special equipment.

The JMV-R Series is a 2-speed sloping board-type axial piston motor in which the brake valve and the mechanical brake are built. It is a motor of high-pressure and high-capacity which has optimized every part of the motor.

MODEL	MAX OUTPUT TORQUE (Reducer) N.m		MOTOR DISPLACEMENT cc/rev		GEAR RATIO	MAX SPEED rpm		MAX. FLOW l/min	NORMAL PRESSURE* bar	PEAK PRESSURE bar	MECHANICAL BRAKE TORQUE N.m	AUTOMATIC SHIFT PRESSURE bar	RELIEF VALVE	MASS Kg	TYPICAL VEHICLE APPLICATION	
	Low	High	Low	High		Low	High									
JMV 016	1666	x	16.1	x	31	1056	x	17	214	255	547	18	x	x	25	15
JMV 021	3696	1969	21	11.2	53.7	1667	3125	35	220	260	2367	49	x	▲	38	3.5
JMV 023	4724	295	23.5	14.7	53.7	1489	2381	35	240	285	2631	49	x	▲	38	3.5
JMV 044	6831	3528	43.7	22.7	45.5	1259	2423	55	220	260	3746	82	x	●	79.5	5
	8056	4185	43.7	22.7	53.7	1259	2423	55	220	260	4421	82	x	●	79.5	5~6
JMV047	11711	6909	46.6	27.5	53.7	1622	2744	75.6	300	360	3869	82	x	●	87	7
JMV053	11720	6909	53.2	31.4	47	1597	2710	85	300	360	3869	82	x	●	89	7~8
JMV067	18707	11452	67.3	41.2	54	1664	2718	112	330	395	10584	196	290	●	140	11
JMV076	23549	13775	76.62	44.8	54	1612	2757	123.5	365	430	10425	193	290	●	135	14
JMV118	645	366	118	67	x	1356	2388	160	350	420	x	480	260	●	121	16
JMV120	618	362	120	69.9	x	1333	2289	160	330	395	x	480	260	●	121	18
JMV137	747	432	136.7	76	x	1626	2814	222.3	350	420	x	480	290	●	121	25
JMV147	41548	26940	146.5	75	50.5	1707	2632	250	360	430	24250	480	260	●	300	20~22
JMV155	61671	35257	154.8	88.5	73	1718	3005	275	350	420	28607	392	270	●	404	29~32
JMV168	46433	28263	168.4	102.5	50.5	1469	2413	247.3	350	420	24250	480	260	●	310	25
JMV173	65010	37976	173	101	73	1561	2673	270	330	395	28607	392	270	●	404	33
JMV185	72892	44972	185	114.13	70.2	1557	2523	288	360	430	30537	435	x	●	425	36~38
JMV274	94438	59016	274.6	171.3	63	1383	2214	380	350	420	63592	1009	x	●	610	45~50

RCV (Remote Control Valve)

JRCVP Series : Hydraulic Type Joystick Pilot Valve / Foot Control Pilot Valve

Remote Control Valve는 Main control valve 스푼과 및 각종 기변밸브를 원격제어 할수 있는 PILOT밸브 입니다. 내구성에서 우수한 신뢰를 보장할 수 있도록 제작되었으며 압력손실이 적고, 미세한 조작에서도 응답성이 우수합니다. 광범위한 온도범위(-20℃ ~ 90℃)에서도 높은 성능을 발휘합니다.

Remote control valve controls main control spool and also remotely controls numerous variable valves. It is designed for guaranteeing durability and reliability, minimum press loss, also it provides xcellent response to little movement. High performance is guaranteed over a wide range of temperatures (-20℃ ~ 90℃).

MODEL	MAX INLET PRESSURES	MAX INLET PRESSURES	MAX CONT FLOW	
	(kgf/cm ²)	(kgf/cm ²)	(l/min)	
JOYSTICK	JRCVJ	69.0	2.8	20
	JRCVD	69.0	2.8	36
	JRCVL	96.6	2.8	10
PEDAL	JRCVP-A-2 SERIES	96.8	2.8	10
	JRCVP-A-2-SERIES	100.00	3.00	10
	JRCVP-B-1 SERIES	70.00	3.00	10
	JRCVP-B-2 SERIES	96.6	2.8	10



HOSE

모든 유형의 어플리케이션에 대하여 매우 다양한 스파이머럴 호스 제품을 제공합니다.

고압/저압 광범위한 산업용 고정형 및 오프 하이웨이 모바일 어플리케이션 모두에 매우 적합합니다. HYDRAULIC HOSE는 최대의 내구성과 오래 지속되는 성능을 제공하여 건설장비, 농업장비 및 조선등 전방위 산업에 적합하게 설계가 되었습니다.

single body. It is used principally for fluid linked power steering systems but it can be used for some servo-type applications or any application where visual positioning is required. The close coupled, rotary action valve performs all necessary fluid directing functions with a small number of moving parts. The manually actuated valve is coupled with the mechanical drive to the meter gear. The control is lubricated and protected by the power fluid in the system and can operate in many environments.

Part Number	DN	Hose I.D.		Hose O.D.		Maximum Operating Pressure		Minimum Burst Pressure		Minimum Bend Radius		Weight	
		mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lb/ft
EC110-04*	6	6,4	0.25	14,1	0.56	225	3,250	900	13,000	100,0	3.99	0.22	0.15
EC110-05	8	7,9	0.31	15,7	0.62	215	3,125	860	12,500	115,0	4.53	0.26	0.17
EC110-06*	10	9,5	0.38	18,1	0.71	180	2,600	720	10,400	130,0	5.12	0.33	0.22
EC110-08*	12	12,7	0.50	21,4	0.84	160	2,300	640	9,200	180,0	7.09	0.41	0.28
EC110-10	16	15,9	0.62	24,5	0.96	130	1,900	520	7,600	200,0	7.87	0.47	0.32
EC110-12*	19	19,0	0.75	28,5	1.12	105	1,525	420	6,100	240,0	9.45	0.59	0.40
EC110-16*	25	25,4	1.00	36,6	1.44	88	1,275	352	5,100	300,0	11.81	0.87	0.58
EC110-20	31	31,8	1.25	44,8	1.76	63	925	252	3,700	420,0	16.54	1.20	0.81
EC110-24	38	38,1	1.50	52,1	2.05	50	725	200	2,900	500,0	19.69	1.40	0.94
EC110-32	51	50,8	2.00	65,5	2.58	40	580	160	2,320	630,0	24.80	1.91	1.28
EC210-04*	6	6,4	0.25	15,7	0.62	400	5,800	1600	23,200	100,0	3.94	0.38	0.26
EC210-05	8	7,9	0.31	17,3	0.68	350	5,100	1400	20,400	115,0	4.53	0.43	0.29
EC210-06*	10	9,5	0.38	19,7	0.78	330	4,800	1320	19,200	130,0	5.12	0.54	0.36
EC210-08*	12	12,7	0.50	23,0	0.91	275	4,000	1100	16,000	180,0	7.09	0.64	0.43
EC210-10	16	15,9	0.62	26,2	1.03	250	3,650	1000	14,600	200,0	7.87	0.75	0.50
EC210-12*	19	19,0	0.75	30,1	1.09	215	3,125	860	12,500	240,0	9.45	0.93	0.62
EC210-16*	25	25,4	1.00	38,9	1.53	165	2,400	660	9,600	300,0	11.81	1.29	0.87
EC210-20	31	31,8	1.25	49,5	1.95	125	1,800	500	7,200	420,0	16.54	1.89	1.27
EC210-24	38	38,1	1.50	55,9	2.20	90	1,300	360	5,200	500,0	19.69	2.10	1.41
EC210-32	51	50,8	2.00	68,6	2.70	80	1,150	320	4,600	630,0	24.80	2.76	1.85

Piston Motor

Axial Piston Motor / JMF SERIES

JMF Series는 건설기계, 산업차량, 농업기계등의 주행, 선회, 윈치용으로 사용이 가능한 사판식 피스톤 모터입니다. JMF Series는 경량, 소형 고내구성을 겸비한 고정용적형 사판식 피스톤 모터입니다.

급격한 가속속, 빈번한 정/역회전에 의한 토오크 변동, 입력변화 등에 대하여 우수한 내구성을 유지할 수 있도록 간단한 구조로 제작하였습니다.

The JMF Series is a Axial swash type piston motor which may be used for the running, turning and winching of construction, agricultural and industrial achinery. JMF Series is a fixed displacement swash type piston motor. It is a light, small and highly durable motor. JMF Series is designed for providing excellent durability used for harsh torque and pressure changes like rapid acceleration, deceleration, frequent reverse/forward rotation.



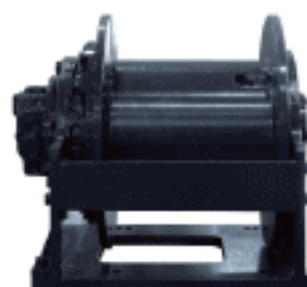
MODEL	DISPLACEMENT (cc/rev)	PRESSURE (kgf/cm ²)		TORQUE (kgf·m)		SPEED (rpm)
		RATED	MAX	MIN	MAX	
JMF-25	25	210	250	8.6	10.2	2500
JMF-36	36	210	250	12	14.3	2500
JMF-39	39	210	250	13	15.5	2500
JMF-43	43	210	250	14.3	17	2500
JMF-47	47	210	250	15.7	18.7	2500

Winch Motor (Hydraulic Winch Motor)

JMV(Winch) Series :

JMV Series는 특장차량, 선박용 등의 원치용으로 상용이 가능한 사판식 피스톤 모터입니다. 저속/고속으로 속도 전환이 가능한 구조로 되어 있으며, 모터 각 부분의 시스템을 최적화한 고압, 고성능 모터입니다.

JMV Series is a swahs piston pump available on the winch for Special Equipment Vehcles(SEV) and ships. It consist of the structure which enables speed conversion, and it is high pressure and performance motor that the system on each part of motor is optimized.



MODEL	MAX MOTOR DISPLACEMENT	MAX OUTPUT TORQUE		MAX SPEED	MAX PRESSURE		BRAKE TORQUE	GEAR RATIO
	cc/rev	N.m	kgf.m	rpm	Mpa	kgf/cm ²	kgf.m	
JMV-53/31-VBC-01	53.2/30.7	173.7	17.8	3000	20.6	210	min 24	x
JMV-53/31-VBCR41D	53.2/30.7	7267	741	3000	20.6	210	min 1081	41.6
JMV-48/24-VBCR45D	48.3/24.5	7213	735.5	3000	20.6	210	min 1184	45.6
JMV-59/34-VBCR45D	59.3/34.2	8857	903.2	3000	20.6	210	min 1184	45.6

PARTS (Hydraulic PARTS)



MAKER	APPLICATION
CATERPILLAR	12G / 14G / AP12 / SBS120 / SBS80 / SPK10/10
DAIKIN SUNDSTRAND	PV16A / MF16A / PVD21 / PVD22 / V38 / VRD63
DENISON	P6P
EATON	72400
FIAT ALIS	F85
HITACHI	HMT045 / HPK055 / HPV050 / HPV091DW / HPV091EW / HPV102 / HPV118 / HPV125B / HPV135 / HPV145 / ZAXIS120
HYDROMATIC	A4V71EL / A4VG125
KAWASAKI	DNB08 / DNB50 / K35P36 / K3V63DT / K3V112DT / K3V140DT / K3V180DT / K3V280DT / K5V80DT / K5V140DT / K5V160DT / K5V200DT / KVC925 / KVC932 / M2X120 / M2X146 / M2X150 / M2X170 / M2X210 / M2X55 / M2X96 / M5X130 / M5X180 / MX150 / MX173 / MX80 / NV111DT / NV137 / NV137DT / NV172DT / NV270 / NV64DT / NV70DT / NV80 / NV84DT / NVK45DT
KAYABA	MAG150 / MSF52P / MSF59P / MSF89 / PSV2-55T / PSV2-60T / PSV2-63 / PSVD2-21 / PSVK2-25 / PSVK2-27
KOMATSU	HPV132(PC300-6) / HPV140(PC300-7) / HPV160 / HPV35 / HPV55 / HPV75 / HPV90 / KMF090 / KPV90 / PC200-6 T/M
LINDE	B2PV105 / B2PV35 / B2PV50 / B2PV75 / BPV200 / HPR100 / HPR130 / HPR160 / LPVD125 / LPVD64
MITSUBISHI	PPS140 / SPV10/10 / MS110-5 / MS110-8 / MS120 / MS140 / MS180 / MS180-2 / MS180-3(OLD) / MS180-3(NEW) / MS180-8 / MS230 / MS280 / MS300-8 / MS450-8
NABTESCO	MF107Z / MV150/90Z / MV200/140Z
NACHI	PVD1B-31P / PVD2B-32L / PVD2B-36L / PVD2B-42L / PVD3B-60L
REXROTH/UCHIDA	A10V40 / A10V43 / A10V45 / A1071 / A10VD17 / A10VD43 / A10V028 / A7V0250 / A8V107 / A8V172 / A8V55 / A8V80 / A8V86 / A8V0107 / A8V0160 / A8V0200 / A8V055 / AP2D25 / AP2D36 / AP5553
SAUER SUNDSTRAND	M46 / SPV15 / SPV18 / SPV20 / SPV21 / SPV22 / SPV23 / SPV24 / SPV25 / SPV26 / SPV27 / SPV6/119
TEIJIN SEIKI	EM105 / GM08 / GM09 / GM15 / GM17 / GM18VL2 / GM30F / GM30H / GM35VA / GM35VL
TOSHIBA	HTM450D / MFB160 / MFB80 / MFC040
VICKERS	TA1919
SAUER DANFOSS	90L055 / 90L075 / 90L100 / 90L130



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