

Piston Motor

ピストンモータ

■ MSF Series (Multi-Purpose Motor) MSFシリーズ (汎用モータ)

The MSF series is a compact, light, swashplate-type piston motor, which has been used in both construction and agricultural machines.

建設機械・農機機械用の実績を持ち、ファン用、ドラム駆動用にも適した小型・軽量の斜板ピストンモータです。



MSF Series

Type	MSF-12	MSF-18	MSF-23	MSF-30	MSF-50
Max. Pressure [MPa]	24.5	24.6	24.6	25.0	28.0
Max. Speed [rpm]	3500	3000	3000	2000	2000

■ MSF/MAG Series (Travel Motor) MSF/MAGシリーズ (走行用モータ)

The MSF/MAG series offers high-torque motors for medium or high-speed crawler-type vehicles.

クローラ車両の中低速走行用中～高トルクモータです。



MAG Series

Type	MAG-12VP-120	MAG-18VP-350	MAG-26VP-400	MAG-33VP-650	MAG-50VP-1100
Max. Pressure [MPa]	20.6	27.5	27.5	27.5	34.3
Max. Output Torque [kN·m]	1.18	3.14	3.92	6.37	8.87
Applicable Excavator [ton]	~1.5	~3.5	~4.5	~6.0	~8.0

Type	MAG-85VP-2400	MAG-170VP-3800	MAG-170VP-4000	MAG-180VP-6000
Max. Pressure [MPa]	34.3	34.3	34.3	34.3
Max. Output Torque [kN·m]	23.5	37.3	39.2	56.0
Applicable Excavator [ton]	~15	~25	~26	~35

Type	MSF-180	MSF-340	MAG-33VP-650FH	MAG-50VP-650FH	MAG-85VP-1800
Max. Pressure [MPa]	34.3	34.3	34.3	34.3	34.3
Max. Output Torque [kN·m]	0.99	1.84	4.71	6.95	13.7
Applicable Excavator [ton]	~35	~120	~5.0	~8.0	~12
Notes	w/o Gearbox		for Closed Circuit		

■ MSF/MSG Series (Swing Motor) MSF/MSGシリーズ (旋回用モータ)

The MSF/MSG series are swing motors used on excavators and mini-excavators with shaft-type rotation.

軸回転型の減速機を持つモータで、ミニショベル・ショベルの旋回モータです。



MSG Series

Type	MSG-27P-23	MSG-44P-21	MSF-27P	MSF-44P	MSF-85P
Max. Pressure [MPa]	25.0	28.0	25.0	28.0	34.0
Max. Output Torque [kN·m]	2.04	3.48	0.1	0.19	0.47
Applicable Excavator [ton]	~6.0	~8.0	~6.0	~8.0	~13
Notes	w/ Gearbox		w/o Gearbox		