

AXIAL PISTON MOTOR

PMF SERIES

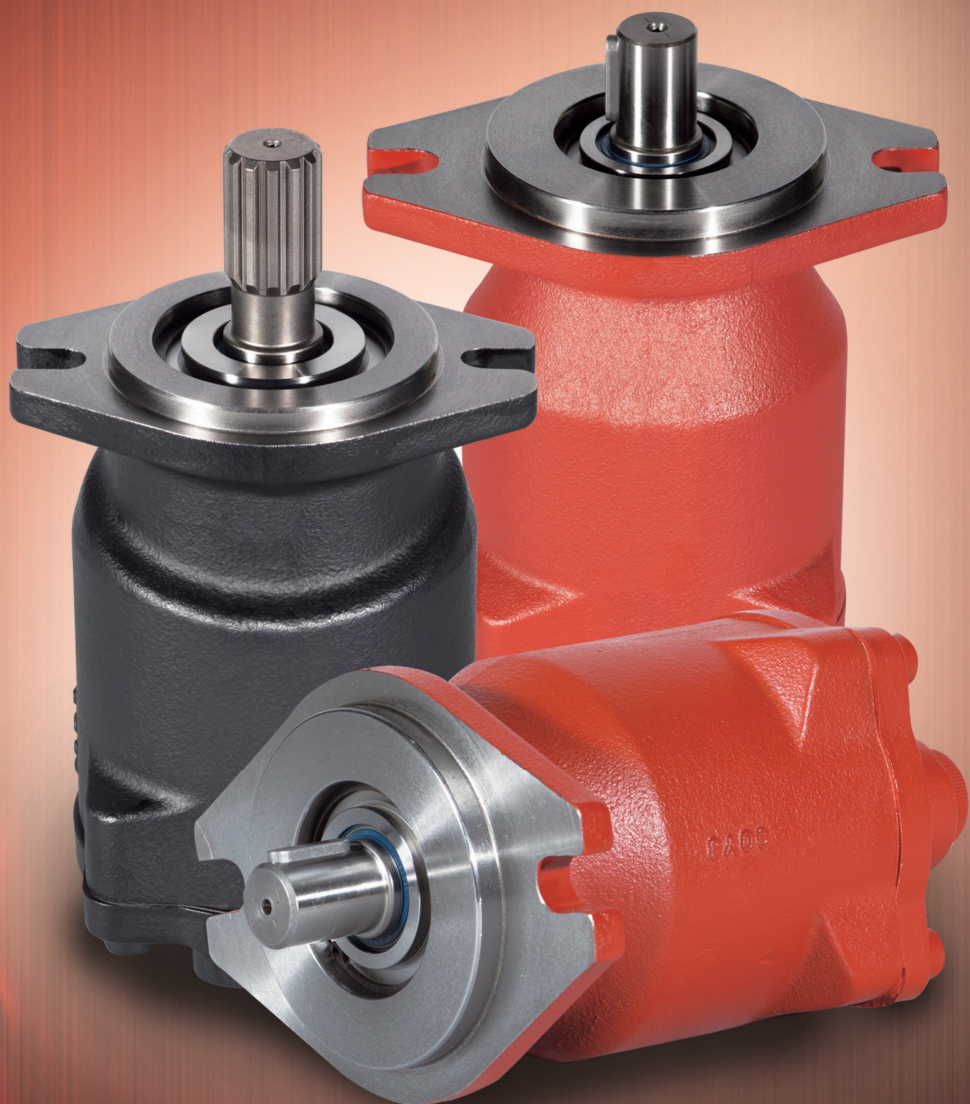
PMF-43-01/02/03/05

The PMF Series is an axial piston motor which is used for traveling, swing and winching of industrial machinery and industrial vehicles.

PMF Series is a fixed displacement swash type piston motor which combines with weight reduction, down-size and high durability. PMF Series is designed with a simple structure to keep the outstanding durability against rapid acceleration/deceleration, torque changes by frequent rotation/reverse rotation, and pressure variation.

PMF系列是旋转斜盘式活塞马达，可用于建筑机械，工业车辆的行驶、旋回、绞车用途。

PMF系列是兼有轻型、小型、高耐久性的固定排量型斜盘式活塞发动机。它具有简单的结构，以保持对突然加速/减速、由于频繁的正向/反向旋转引起的扭矩波动以及压力变化时的良好耐久性。



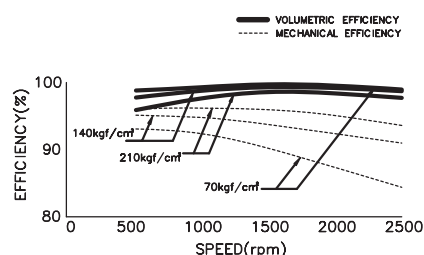
PMF-43-01/02/03/05



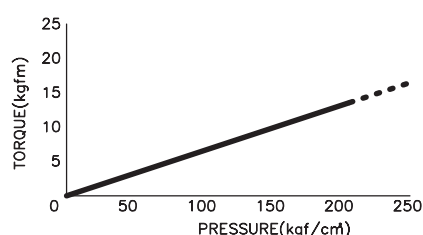
Specification

MODEL	DISPLACEMENT (cc/rev)	PRESSURE(kgf/cm ²)		TORQUE(kgf·m)		SPEED (rpm)	WEIGHT (kg)
		RATED	MAX	RATED	MAX		
PMF-43-01	43	210	250	14.3	17.1	3000	10.4
PMF-43-02/03/05	43.2	210	250	14.3	17.2	2800	10.4

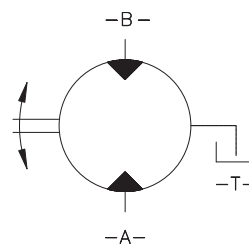
Performance Curve



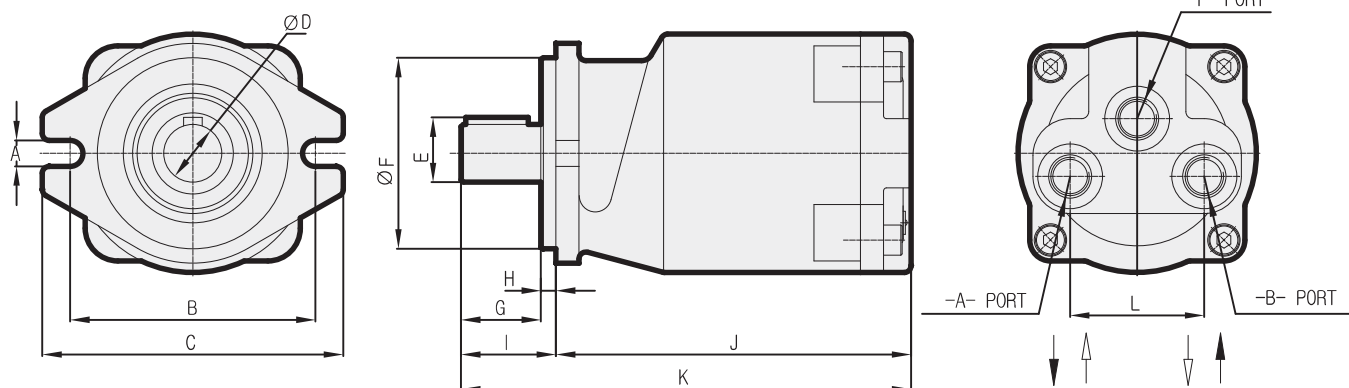
Output Torque



Symbol



Dimensions



MODEL	A	B	C	D	E	F	G	H	I	J	K	L
PMF-43-01-K	13	146	170	Ø24	27	Ø101.6~Ø101.549	32.1	9.1	41.2	172	213.2	67
PMF-43-02-K	11.2	106	130	Ø22	25	Ø82.55	39.5	6.5	46	172	218	67
PMF-43-03-S	11.2	106	130	Ø24.667	Ø24.667	Ø82.55	50	6.5	56.5	172	228.5	67
PMF-43-05-K	11.2	106	130	Ø25	28	Ø82.55	43.5	6.5	50	172	222	67

Port Size

MODEL	INLET / OUTLET PORT	CASE DRAIN PORT
PMF-43-01-K	PF 1/2	PF 3/8
PMF-43-02-K	PF 1/2	PF 3/8
PMF-43-03-S	PF 1/2	PF 3/8
PMF-43-05-K	PF 1/2	PF 3/8

Dimensions of Shaft

MODEL	NO. OF TEETH	PRESSURE ANGLE	MODULE	RULE
PMF-43-01-K	7 X 7 X 27			KEY TYPE
PMF-43-02-K	7 X 7 X 32			KEY TYPE
PMF-43-03-S	13	20°	1.667	JIS
PMF-43-05-K	7 X 7 X 31.5			KEY TYPE