

## SFSF clamshells motors

### PNEUMATIC MOTORS

B50-100X



B50-xxx-RA



HM-xxx



K7x-LT-xxx



PDx48U



MOTOR	RIGHT-ANGLE	SPEED	POWER	TORQUE	AIR CONSUMPTION		AIR PRESSURE	
		RPM	HP	NM	LT/MIN	CFM	BAR	PSI
B50-100X	-	200	1,3	70	1300	55	6,2	90
B50-115-RA	YES	115	1,3	186	1300	55	6,2	90
B50-210-RA	YES	210	1,3	102	1300	55	6,2	90
B50-290-RA	YES	290	1,3	74	1300	55	6,2	90
HM-198	-	198	2,2	186	2200	75	6,2	90
HM-252	-	252	2,2	150	2200	75	6,2	90
HM-379	-	379	2,2	105	2200	75	6,2	90
HM-498	-	498	2,2	83	2200	75	6,2	90
K72-LT-90	YES	90	2,2	405	2200	75	6,2	90
K73-LT-190	YES	190	2,2	200	2200	75	6,2	90
PD248U	-	185	3,5	416	2800	95	6,2	90
PD348U	-	60	3,5	1250	2800	95	6,2	90

### RECOMMENDATIONS

Only proposal and subject to change upon customer requirement and application

### PNEUMATIC MOTORS

UNIT	MOTOR*	POWER	WEIGHT
		HP	KG
SF-4	B50-100X	1,3	11
SF-6	HM-252	2,2	17
SF-8	HM-252	2,2	20
SF-10	HM-252	2,2	27
SF-12	HM-252	2,2	23
SF-14	HM-198	2,2	28
SF-16	HM-198	2,2	32
SF-18	K72-LT-90	2,2	36
SF-20	K72-LT-90	2,2	39
SF-24	PD248U	3,5	52
SF-28	PD248U	3,5	95
SF-32	PD248U	3,5	107
SF-36	PD248U	3,5	118
SF-42	PD248U	3,5	137
SF-48	PD248U	3,5	153

### HYDRAULIC MOTOR



MOTOR	SPEED	POWER	TORQUE	OIL PRESSURE		MIN. OIL FLOW RATE	
	RPM	HP	NM	BAR	PSI	LT/MIN	GPM
HTB-165	343	16,7	273	190	2750	57	15

### HYDRAULIC MOTORS

UNIT	MOTOR*	POWER	WEIGHT
		HP	KG
SF-16	HTB-165	16,7	32
SF-18	HTB-165	16,7	36
SF-20	HTB-165	16,7	39
SF-24	HTB-165	16,7	52
SF-28	HTB-165	16,7	95
SF-32	HTB-165	16,7	107
SF-36	HTB-165	16,7	118
SF-42	HTB-165	16,7	137
SF-48	HTB-165	16,7	153

### ELECTRIC MOTORS



PDEC-3200



DUDE 2000



K90Exxx

MOTOR	REVERSIBLE	RIGHTANGLE	MOTOR SPEED	POWER	TORQUE	VOLTAGE
			RPM	WATT	OUT	VOLT
PDEC-3200/100	-	-	100	3200	800 Nm	110/230
PDEC-3200/145	-	-	145	3200	540 Nm	110/230
PDEC-3200/185	-	-	185	3200	420 Nm	110/230
DUDE-2000-4-speed	YES	-	120, 210, 380, 650	2000	240 Nm	110/230
K90E90	-	YES	90	1150	510 Nm	110/230
K90E190	-	YES	190	1150	260 Nm	110/230
K90E280	-	YES	280	1150	190 Nm	110/230

### RECOMMENDATION - ELECTRIC MOTORS

**First choice electric drive:** PDEC-3200 - high-torque motor with built-in controller for precise speed control. Similar to servo motors, this drive does not slow down and does not tighten under load, but generates up to 5 times more torque than a servo motor which translates into high machining stability. Offers additionally a bunch of indicators: for overload, overheating and brush worn.

### HIGH-END ELECTRIC SERVO DRIVE WITH CONTROL BOX (3 PHASE)



	POWER [WATT]	VOLTAGE [V]
Drive option 1	2300	390 – 440
Drive option 2	4300	390 – 440

UNIT	MOTOR*	POWER	WEIGHT
		WATT	KG
SF-4	PDEC	3200	11
SF-6	PDEC	3200	17
SF-8	PDEC	3200	20
SF-10	PDEC	3200	27
SF-12	PDEC	3200	23
SF-14	PDEC	3200	28
SF-16	PDEC	3200	32