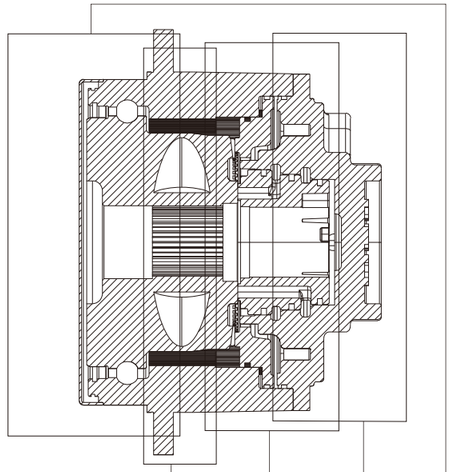
马达编号 / Motor Number



	C	D	F	P	S
OMK04		11		3340	

对称内曲线滚道 OMK04	序号 Serial number	排量 Displacement ml/r
	8	272
	0	340
	2	408

无制动器 No brake	A	0	4
带制动器 Belt brake	K	0	4

配流体 Valving	
单排量配流体 1-displacement valving	

配流体类型 Formatting fluid types	
无轴承 Bearingless	1

液压连接油口 Hydraulic connection oil port	
ISO 9974-1 连接 ISO 9974-1 Connections	4
ISO 11926-1 连接 ISO 11926-1 Connections	A

输出形式 Output form	
靠近轴的法兰 Flange near the shaft	3

轴承支承类型 Type of bearing support	
短支撑 Short support	3

安装形式 Installation Method	
M 螺纹孔 M Threaded hole	4

待研发 Pending Development

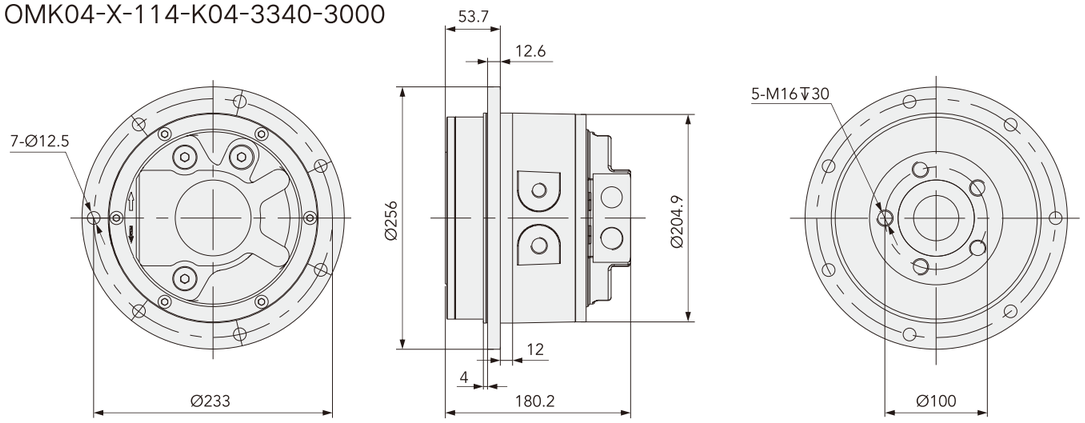
无选项 NO options	0
氟化橡胶密封 Fluorinated rubber seal	1
T4 速度传感器 (不带转动方向选项) T4 speed sensor (with rotation direction option)	2
不带机械解除制动的端盖 End cover without mechanical release of brake	3
泄油口 Oil drain port	5
工业轴承支撑 Industrial bearing support	6
预留速度传感器位置 Reserve the position of speed sensor	8
空心轴 Hollow shaft	A
轴承支撑上带泄油口 Bearing support with oil drain	B
恶劣工况 Bad condition	C
特殊喷漆或无喷漆 Special paint or no paint	D
加强轴封 Reinforced shaft seal	E
高效率 High efficiency	H
加强轴肩 Reinforce the shaft shoulder	J
高速 High speed	M

技术性能参数 (对称内曲线滚道)
Technical performance parameters (symmetrical inner curved raceway)

型号 Model	编号 NO.	排量 Displacement ml/r	压力 Pressure Mpa		扭矩 Torque N.m		转速 Speed r/min		最大功率 Max. rated power Kw
			额定压力 Rated pressure	尖峰压力 Max. pressure	额定扭矩 Rated torque	单位扭矩 Unit torque	额定转速 Rated rotational speed	转速范围 Rotational speed range	
OMK04	8	272	25	40	1080, 550	432, 220	180	0-120	18
	0	340	25	40	1350, 685	541, 275	180	0-110	18
	2	408	25	40	1620, 820	649, 330	180	0-100	18

单排量轴马达
Single displacement shaft motor

订货代码 Order code：
OMK04-X-114-K04-3340-3000



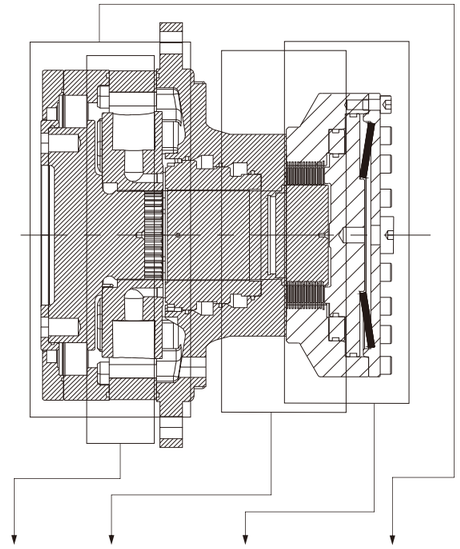
液压连接 (连接油口) Hydraulic connection oil port

编号 NO.	旧标准 Old standard	标准 Standard	主油口 Main oil port (A, B)	壳体泄油口 Shell drain port (L)	驻车制动油口 Parking brake oil port (X)
A	SAEJ514	ISO 11926-1	3/4"-16 UNF	9/16"-18 UNF	G3/8
4	DIN 3 852 NFE 48 050	ISO 9974-1	M22x1.5	M16x1.5	9/16-18 SAE

制动器 Brake

K04	制动腔内压力为0 时制动器的制动扭矩 (新制动器) Brake torque when the pressure in the brake chamber is 0 (new brake)	3170 N.m
	最小的制动器释放压力 Min.brake release pressure	17 bar
	最大的制动器释放压力 Max.brake release pressure	30 bar
	油量 Oil quantity	23cm^3
	用于制动器释放的液压油量 Amount of hydraulic oil used for brake release	14cm^3

马达编号 / Motor Number



C D F P S

O M K 1 8 — C — D 2 — F — P 1 3 4 0 — S

C 配流体 Valving

单排量配流体 Displacement valving	1
双排量配流体 (无优先旋转方向) Displacement valving (No special direction)	A排量比 (Ratio) 2 B排量比 (Ratio)<2 C排量比 (Ratio)>2
双排量或Twin-Lock™ 配流体 (顺时针方向) displacement & Twin-Lock™ valving (Clockwise)	D排量比 (Ratio) 2 E排量比 (Ratio)<2 F排量比 (Ratio)>2
双排量或Twin-Lock™ 配流体 (逆时针方向) displacement & Twin-Lock™ valving (Counterclockwise)	G排量比 (Ratio) 2 H排量比 (Ratio)<2 J排量比 (Ratio)>2

D 底盘安装 Chassis Installation

安装耳不通过轴承定位 fixing Without Bearing	2

对称内曲线滚道

型号 Model	序号 NO.	排量 ml/r Displacement 1	2
OMK18	8	1395	698
	9	1571	786
	0	1747	874
	1	1912	956
	2	2099	956
OMKE18	0	2340	1170
	1	2560	1280
	2	2812	1406

F 液压连接油口 Hydraulic connection oil port

ISO 6162 法兰 Flanges ISO 9974-1 连接 Connections	1
ISO 6162 法兰 Flanges ISO 9974-1 连接 Connections	4

F 无制动器 No brake

	A	0	4
嵌入式防尘后盖 Screwed environmental cover	T	1	2
	T	1	9
盲板式防尘后盖 Clipped environmental cover	F	1	2
	F	1	9

F 带制动器 Belt brake

P 输出形式 Output form

无定位 Without fixation	1

P 轴承支承类型 Type of bearing support

短支撑 Short support	3

P 安装形式 Installation Method

M 螺纹孔 M Threaded hole	4

P 待研发 Pending Development 0

S

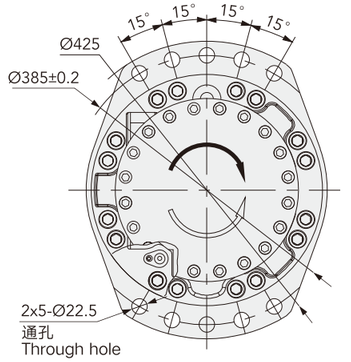
无选项 NO options	0
氟化橡胶密封 Fluorinated rubber seal	1
T4 速度传感器 (不带转动方向选项) T4 speed sensor (with rotation direction option)	2
不带机械解除制动的端盖 End cover without mechanical release of brake	3
泄油口 Oil drain port	5
工业轴承支撑 Industrial bearing support	6
预留速度传感器位置 Reserve the position of speed sensor	8
空心轴 Hollow shaft	A
轴承支撑上带泄油口 Bearing support with oil drain	B
恶劣工况 Bad condition	C
特殊喷漆或无喷漆 Special paint or no paint	D
加强轴封 Reinforced shaft seal	E
高效率 High efficiency	H
加强轴肩 Reinforce the shaft shoulder	J
高速 High speed	M

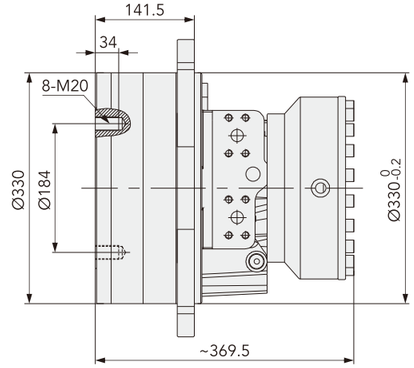
技术性能参数 (对称内曲线滚道)
Technical performance parameters (symmetrical inner curved raceway)

型号 Model	编号 NO.	排量 Displacement ml/r	压力 Pressure Mpa 额定压力 Rated pressure	尖峰压力 Max. pressure	扭矩 Torque N.m 额定扭矩 Rated torque	单位扭矩 Unit torque	转速 Speed r/min 额定转速 Rated rotational speed	转速范围 Rotational speed range	最大功率 Max. rated power Kw	最大流量 Max mass flow L/min
OMK18	8	1395, 698	25	31.5	5212, 2475	222, 111	55	0-150	62, 31	150
	9	1571, 786	25	31.5	5870, 2788	250, 125	55	0-150	62, 31	150
	0	1747, 874	25	31.5	6528, 3100	278, 139	50	0-150	62, 31	150
	1	1912, 956	25	31.5	7140, 3391	304, 152	50	0-135	62, 31	150
	2	2099, 1050	25	31.5	7834, 3725	334, 167	50	0-135	62, 31	150
OMKE18	0	2340, 1170	25	31.5	8744, 4153	372, 186	50	0-130	62, 31	150
	1	2560, 1280	25	31.5	9564, 4542	407, 203	50	0-130	62, 31	150
	2	2812, 1406	25	31.5	10506, 4990	447, 223	45	0-120	62, 31	150

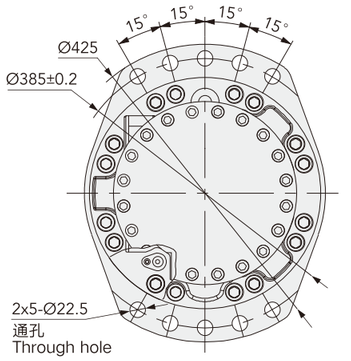
双排量紧凑型马达 Dual-displacement compact motor

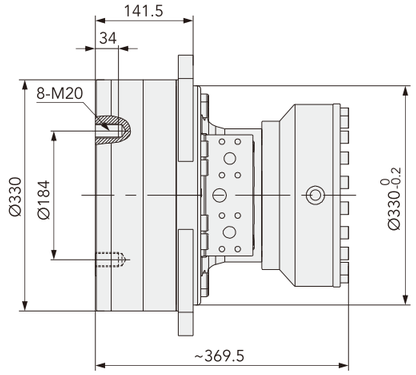
订货代码 Order code
OMKE18-X-A21-F19-1340-3000



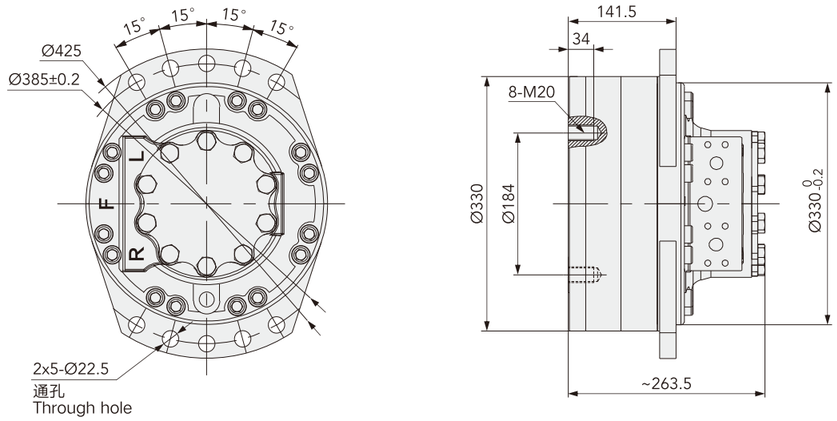


订货代码 Order code
OMKE18-X-121-F19-1340-3000





订货代码 Order code
OMKE18-X-121-R19-1340-3000



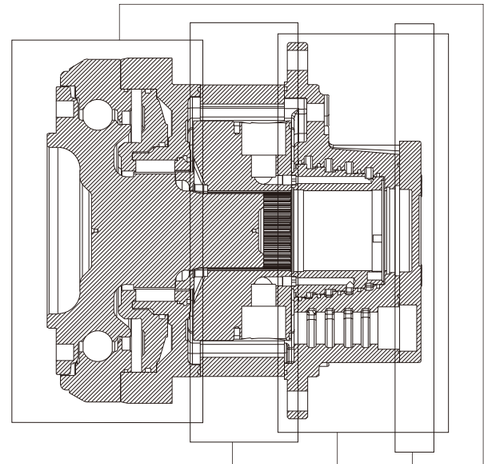
液压连接 (连接油口) Hydraulic connection oil port

编号 NO.	旧标准 Old standard	标准 Standard	主油口 Main oil port (R, A)	壳体泄油口 Shell drain port (L)	驻车制动油口 Parking brake oil port (X)	变量油口 Parking brake oil port (Y)
1	ISO 6162 DIN 3852	ISO 6162 ISO 9974-1	DIN19 PN400	M22x1.5	M16x1.5	M16x1.5
4	NF E48-050	ISO 9974-1	M27x2	M22x1.5	M16x1.5	M16x1.5

制动器 Brake

	F12/T12	F19/T19
制动腔内压力为0时制动器的制动扭矩 (新制动器) Brake torque when the pressure in the brake chamber is 0 (new brake)	11840 N.m	18600 N.m
制动器腔内压力为0时紧急制动扭矩 (最多可作紧急制动使用10次) Emergency braking torque when the pressure in the brake chamber is 0 (it can be used fro emergency braking for up to 10 times)	7695 N.m	12800 N.m
制动腔内压力为0时剩余的驻车制动扭矩 Residual parking brake torque when the pressure in the brake chamber is 0	8880 N.m	13940 N.m
最小的制动器释放压力 Min.brake release pressure	12 bar	12 bar
最大的制动器释放压力 Max.brake release pressure	30 bar	30 bar
油量 Oil quantity	170cm^3	180cm^3
用于制动器释放的液压油量 Amount of hydraulic oil used for brake release	40cm^3	40cm^3

马达编号 / Motor Number



O	M	K	3	5	—	C	—	D	2	—	F	1	8	—	P	1	4	—	S

C 配流体 Valving

单排量配流体 Displacement valving	1
双排量配流体 (无优先旋转方向) Displacement valving (No special direction)	A排量比 (Ratio) 2 B排量比 (Ratio)<2 C排量比 (Ratio)>2
双排量或Twin-Lock™ 配流体 (顺时针方向) displacement & Twin-Lock™ valving (Clockwise)	D排量比 (Ratio) 2 E排量比 (Ratio)<2 F排量比 (Ratio)>2
双排量或Twin-Lock™ 配流体 (逆时针方向) displacement & Twin-Lock™ valving (Counterclockwise)	G排量比 (Ratio) 2 H排量比 (Ratio)<2 J排量比 (Ratio)>2

D 底盘安装 Chassis Installation

带安装耳 With installed ear	2

对称内曲线滚道 OMK35

型号 Model	序号 NO.	排量 ml/r Displacement 1	排量 ml/r Displacement 2
	9	3143	1572
	0	3494	1747
	1	3822	1911
	2	4198	2099

D 液压连接油口 Hydraulic connection oil port

ISO 6162 法兰 Flanges ISO 9974-1 连接 Connections	1
ISO 6162 法兰 Flanges ISO 11926-1 连接 Connections	7

F 普通端盖 Standard end cap: A 1 8

P 输出形式 Output form

无轴承 Bearingless	1

P 马达制动 Motor braking

无制动器 No brake	0
带制动器 With brake	1

P 安装形式 Installation Method

M 螺纹孔 M Threaded hole	4

P 径向制动油口 Radial brake fluid port 0
P 轴向制动油口 Axial brake oil port 1

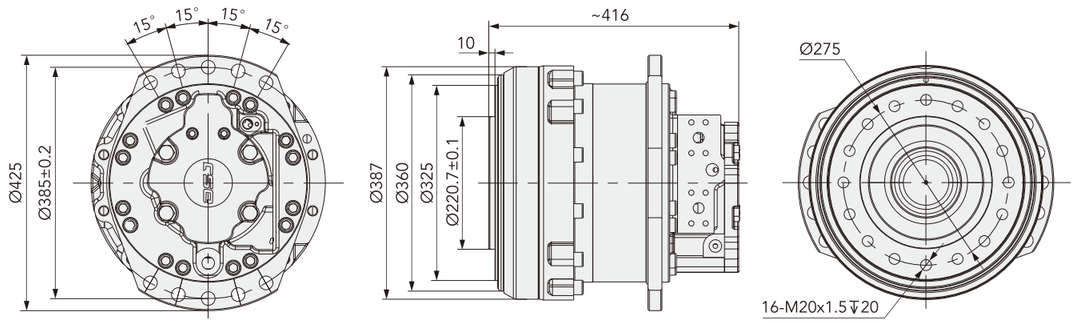
S

无选项 NO options	0
氟化橡胶密封 Fluorinated rubber seal	1
T4 速度传感器 (不带转动方向选项) T4 speed sensor (with rotation direction option)	2
不带机械解除制动的端盖 End cover without mechanical release of brake	3
泄油口 Oil drain port	5
工业轴承支撑 Industrial bearing support	6
预留速度传感器位置 Reserve the position of speed sensor	8
空心轴 Hollow shaft	A
轴承支撑上带泄油口 Bearing support with oil drain	B
恶劣工况 Bad condition	C
特殊喷漆或无喷漆 Special paint or no paint	D
加强轴封 Reinforced shaft seal	E
高效率 High efficiency	H
加强轴肩 Reinforce the shaft shoulder	J
高速 High speed	M

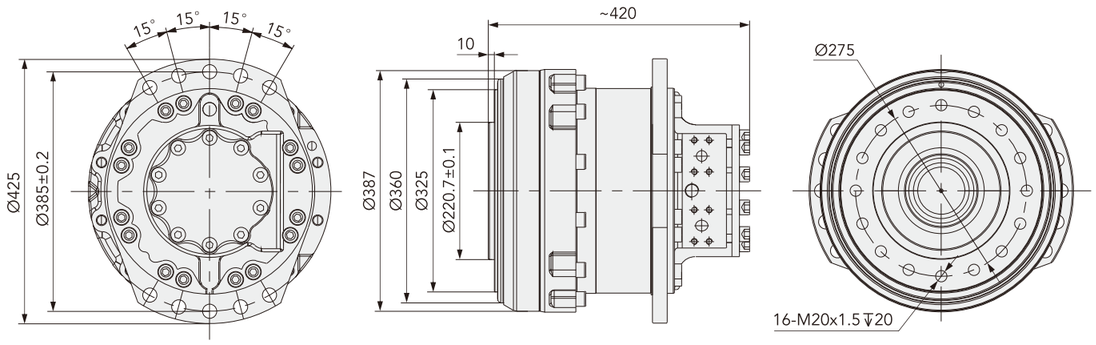
技术性能参数 (对称内曲线滚道)
Technical performance parameters (symmetrical inner curved raceway)

型号 Model	编号 NO.	排量 Displacement ml/r	压力 Pressure Mpa		扭矩 Torque N.m		转速 Speed r/min		最大功率 Max. rated power Kw	最大流量 Max mass flow L/min
			额定压力 Rated pressure	尖峰压力 Max. pressure	额定扭矩 Rated torque	单位扭矩 Unit torque	额定转速 Rated rotational speed	转速范围 Rotational speed range		
OMK35	9	3143, 1572	25	31.5	11743, 5577	500, 250	45	0-100	97, 48	250
	0	3494, 1747	25	31.5	13055, 6201	556, 278	40	0-100	97, 48	250
	1	3822, 1911	25	31.5	14212, 6750	608, 304	40	0-95	97, 48	250
	2	4198, 2099	25	31.5	15185, 7212	669, 334	40	0-95	97, 48	250

单排量紧凑型马达 Single-displacement compact motor
订货代码 Order code：
OMK35-X-A21-A18-1140-000000



单排量紧凑型马达 Single-displacement compact motor
订货代码 Order code：
OMK35-X-121-A18-1140-000000



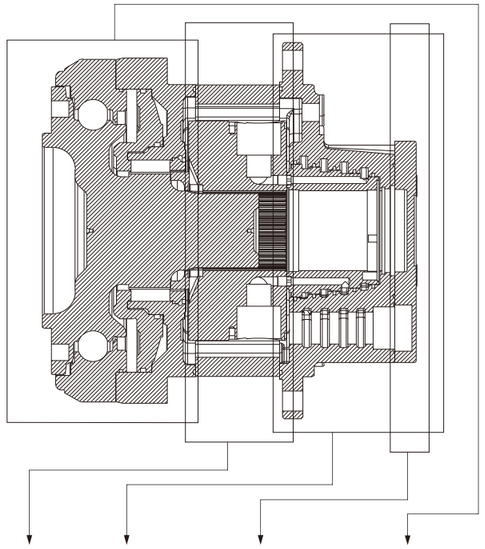
液压连接 (连接油口) Hydraulic connection oil port

编号 NO.	旧标准 Old standard	标准 Standard	主油口 Main oil port (R, A)	壳体泄油口 Shell drain port (L)	驻车制动油口 Parking brake oil port (X)	变量油口 Parking brake oil port (Y)
1	ISO 6162	ISO 6162	DIN19 PN400	M22x1.5	M16x1.5	M16x1.5
	DIN 3852	ISO 9974-1				
7	DIN 6162	DIN 6162	DIN19 PN400	7/8" 14UNF	3/4" 16UNF	3/4" 16UNF
	SAEJ514	ISO 11926-1				

制动器 Brake

制动腔内压力为0时制动器的制动扭矩 (新制动器) Brake torque when the pressure in the brake chamber is 0 (new brake)	33000 N.m
制动器腔内压力为0时紧急制动扭矩 (最多可作紧急制动使用10次) Emergency braking torque when the pressure in the brake chamber is 0 (it can be used fro emergency braking for up to 10 times)	19500 N.m
制动腔内压力为0时剩余的驻车制动扭矩 Residual parking brake torque when the pressure in the brake chamber is 0	24750 N.m
最小的制动器释放压力 Min.brake release pressure	16 bar
最大的制动器释放压力 Max.brake release pressure	30 bar
油量 Oil quantity	320cm^3
用于制动器释放的液压油量 Amount of hydraulic oil used for brake release	65cm^3

马达编号 / Motor Number



C D F P S

O M K 4 7 — □ — □ □ — A 1 8 — 1 □ □ □ — □ □ □ □ □ □

配流体 Valving

单排量配流体 Displacement valving	1
双排量配流体 (无优先旋转方向) Displacement valving (No special direction)	A排量比 (Ratio) 2 B排量比 (Ratio)<2 C排量比 (Ratio)>2
双排量或Twin-Lock™ 配流体 (顺时针方向) displacement & Twin-Lock™ valving (Clockwise)	D排量比 (Ratio) 2 E排量比 (Ratio)<2 F排量比 (Ratio)>2
双排量或Twin-Lock™ 配流体 (逆时针方向) displacement & Twin-Lock™ valving (Counterclockwise)	G排量比 (Ratio) 2 H排量比 (Ratio)<2 J排量比 (Ratio)>2

普通端盖 Standard end cap A 1 8

输出形式 Output form

无轴承 Bearingless	1

马达制动 Motor braking

无制动器 No brake	0
带制动器 With brake	1

安装形式 Installation Method

有螺栓和螺母 Thre are bolts and muts	2
M 螺纹孔 M Threaded hole	4

径向制动油口 Radial brake fluid port 0

轴向制动油口 Axial brake oil port 1

底盘安装 Chassis Installation

带安装耳 With installed ear	2

液压连接油口 Hydraulic connection oil port

ISO 6162 法兰 Flanges ISO 9974-1 连接 Connections	1
ISO 6162 法兰 Flanges ISO 11926-1 连接 Connections	7

对称内曲线滚道	型号 Model	序号 NO.	排量 ml/r Displacement 1	2
对称内曲线滚道	OMK47	0	4680	2340
		2	5624	2812
非对称内曲线滚道		A	4682	2813
				1869

无选项 NO options 0

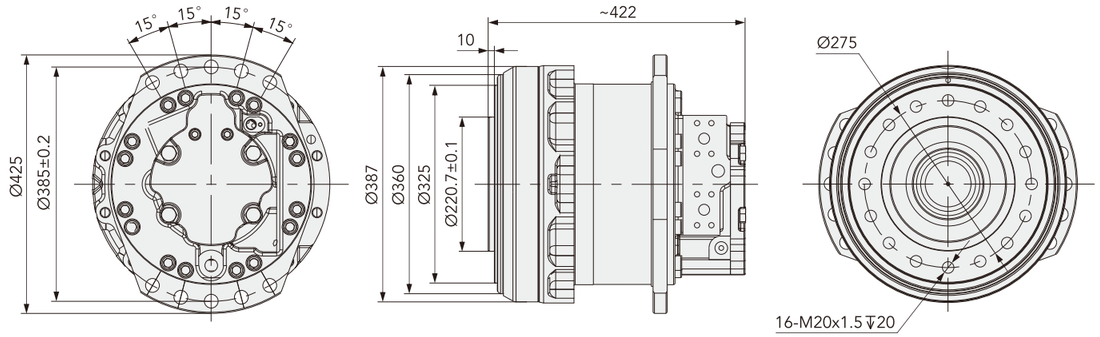
氟化橡胶密封 Fluorinated rubber seal	1
T4 速度传感器 (不带转动方向选项) T4 speed sensor (with rotation direction option)	2
不带机械解除制动的端盖 End cover without mechanical release of brake	3
泄油口 Oil drain port	5
工业轴承支撑 Industrial bearing support	6
预留速度传感器位置 Reserve the position of speed sensor	8
空心轴 Hollow shaft	A
轴承支撑上带泄油口 Bearing support with oil drain	B
恶劣工况 Bad condition	C
特殊喷漆或无喷漆 Special paint or no paint	D
加强轴封 Reinforced shaft seal	E
高效率 High efficiency	H
加强轴肩 Reinforce the shaft shoulder	J
高速 High speed	M

技术性能参数 (对称内曲线滚道)
Technical performance parameters (symmetrical inner curved raceway)

型号 Model	编号 NO.	排量 Displacement ml/r	压力 Pressure Mpa 额定压力 Rated pressure	压力 Pressure Mpa 尖峰压力 Max. pressure	扭矩 Torque N.m 额定扭矩 Rated torque	扭矩 Torque N.m 单位扭矩 Unit torque	转速 Speed r/min 额定转速 Rated rotational speed	转速 Speed r/min 转速范围 Rotational speed range	最大功率 Max. rated power Kw
OMK47	0	4680, 2340	25	31.5	7441, 3784	297, 151	45	0-50	73
	2	5624, 2812	25	31.5	8942, 4547	357, 181	40	0-50	73
	A	4682 < 2813 / 1869	25	31.5	7444, 3786	297, 151		0-50	73 / 73

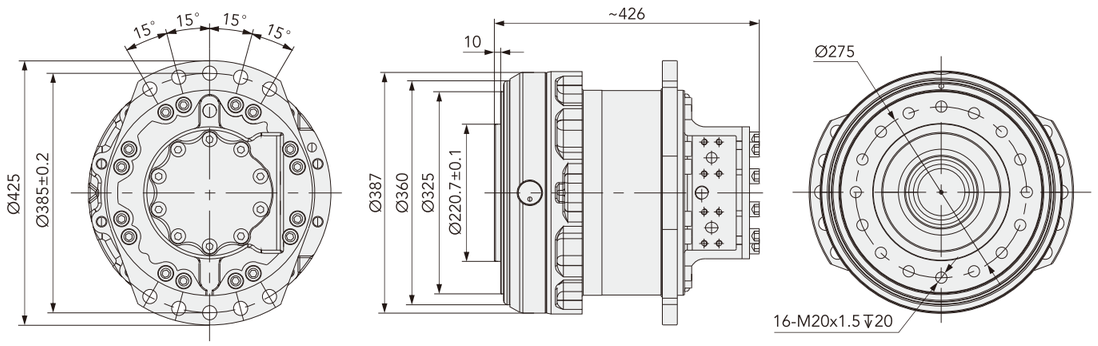
单排量紧凑型马达 Single-displacement compact motor

订货代码 Order code：
OMK47-X-A21-A18-1140-000000



单排量紧凑型马达 Single-displacement compact motor

订货代码 Order code：
OMK47-X-121-A18-1140-000000



液压连接 (连接油口) Hydraulic connection oil port

编号 NO.	旧标准 Old standard	标准 Standard	主油口 Main oil port (R, A)	壳体泄油口 Shell drain port (1, 2)	驻车制动油口 Parking brake oil port (X)	变量油口 Parking brake oil port (Y)
1	ISO 6162	ISO 6162	DIN19 PN400	M22x1.5	M16x1.5	M16x1.5
	DIN 3852	ISO 9974-1				
7	DIN 6162	DIN 6162	DIN19 PN400	7/8" 14UNF	3/4" 16UNF	3/4" 16UNF
	SAEJ514	ISO 11926-1				

制动器 Brake

制动腔内压力为0时制动器的制动扭矩 (新制动器) Brake torque when the pressure in the brake chamber is 0 (new brake)	33000 N.m
制动器腔内压力为0时紧急制动扭矩 (最多可作紧急制动使用10次) Emergency braking torque when the pressure in the brake chamber is 0 (it can be used fro emergency braking for up to 10 times)	19500 N.m
制动腔内压力为0时剩余的驻车制动扭矩 Residual parking brake torque when the pressure in the brake chamber is 0	24750 N.m
最小的制动器释放压力 Min.brake release pressure	16 bar
最大的制动器释放压力 Max.brake release pressure	30 bar
油量 Oil quantity	320cm^3
用于制动器释放的液压油量 Amount of hydraulic oil used for brake release	65cm^3