



Three Phase Motors for Hydraulic Power Units
液压单元三相电机

Product Description

The HS series is designed for hydraulic power units requiring frequent start. The extra starting torque provided by this series ensures a rapid and smooth start-up.

Motor Features

- Aluminum housing
- Junction box is rotatable 4x90° at top, left, right side
- Multi-mount with removable feet
- S1 / S3 duty
- Square flange and special DE shaft for hydraulic power units
- Insulation rating: B / F
- IP rating : IP54
- Cooling method: IC411
- Vacuum Pressure Impregnated (VPI) windings
- Customization is available

产品说明

HS 系列专为需要频繁起动的液压单元设计，加大起动转矩保证了电机的快速、平稳起动。

电机特性

- 铝壳
- 接线盒位置：顶部 / 左侧 / 右侧
- 接线盒可 90°旋转
- 可多侧安装的活动底脚
- 工作制：S1 / S3
- 方方法兰和特殊轴伸专为液压单元设计
- 绝缘等级：B / F
- 防护等级：IP54
- 冷却方式：IC411
- 绕组真空浸漆
- 可定制化设计

Technical Data(50Hz) 技术参数

Model	Rated Output		Voltage	Rated Current	Rated Speed	Ist/IN	Tst/TN	Tmax/TN	Duty	Net Weight	Overall Dimensions(mm) 外形尺寸(mm)	
型号	功率		电压	电流	转速	堵转电流 额定电流	堵转转矩 额定转矩	最大转矩 额定转矩	工作制	净重	AD	L
	(HP)	(kW)									(kg)	(mm)

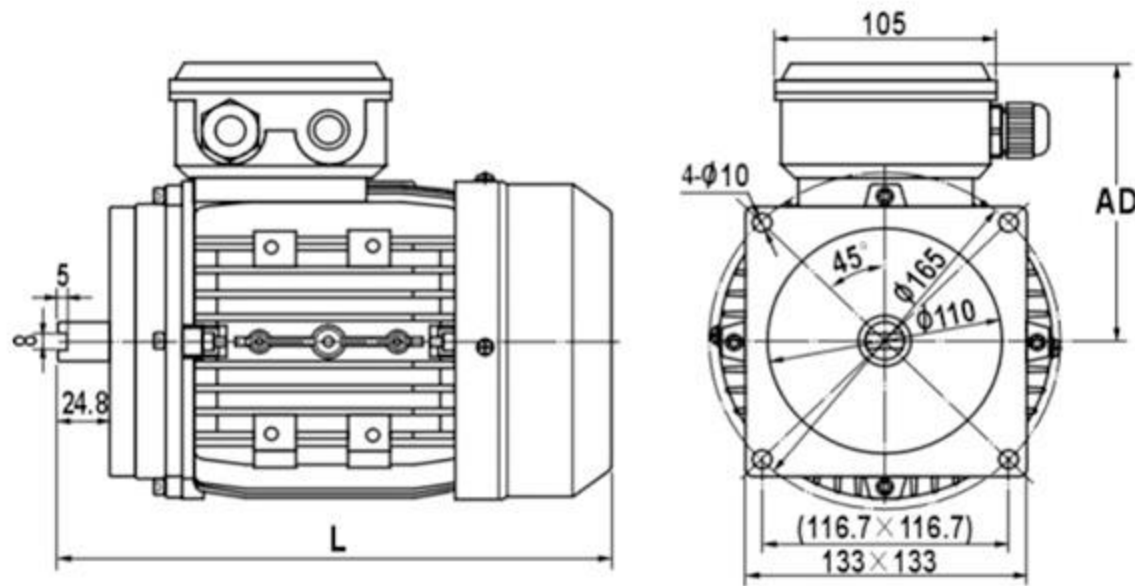
S1 Duty (S1 工作制)

HS 801-2	1	0.75	220/380V	3.1/1.8	2800	6	2.2	2.3	S1	9	137	264
HS 802-2	1.5	1.1	220/380V	4.5/2.6	2800	7	2.2	2.3	S1	10.1	137	264
HS 90S-2	2	1.5	220/380V	6.0/3.5	2800	7	2.2	2.3	S1	11.8	144	294
HS 90L-2	3	2.2	220/380V	8.3/4.8	2800	7	2.0	2.3	S1	14.8	144	294
HS 100L-2	4	3	220/380V	11.0/6.4	2850	7	2.2	2.3	S1	21.8	153	365
HS 801-4	3/4	0.55	220/380V	2.7/1.6	1400	6	2.4	2.4	S1	8.1	137	264
HS 802-4	1	0.75	220/380V	3.4/2.0	1400	6	2.4	2.4	S1	10.3	137	264
HS 90S-4	1.5	1.1	220/380V	4.9/2.8	1400	6.5	2.3	2.4	S1	11.8	144	294
HS 90L-4	2	1.5	220/380V	6.3/3.7	1400	6.5	2.3	2.4	S1	14.8	144	294
HS 90L1-4	2.5	1.8	220/380V	7.8/4.5	1400	7	2.3	2.4	S1	15.6	144	294
HS 90L2-4	3	2.2	220/380V	9.2/5.3	1400	7	2.3	2.4	S1	16.3	144	324
HS 100L1-4	3	2.2	220/380V	8.7/5.0	1430	7	2.2	2.4	S1	20.8	153	365
HS 100L2-4	4	3	220/380V	11.8/6.8	1430	7	2.2	2.4	S1	25.8	153	365

S3 Duty (S3 工作制)

HS 801-2	1	0.75	220/380V	3.6/2.1	2800	6.5	2.2	2.3	S3	8.4	137	264
HS 802-2	1.5	1.1	220/380V	5.3/3.0	2800	7.5	2.2	2.3	S3	8.9	137	264
HS 90S-2	2	1.5	220/380V	6.7/3.9	2800	7.5	2.2	2.3	S3	11	144	268
HS 90L-2	3	2.2	220/380V	9.2/5.3	2800	7.5	2.0	2.3	S3	12.8	144	268
HS 100L-2	4	3	220/380V	12.1/7.0	2850	7.5	2.2	2.3	S3	20.4	153	365
HS 801-4	3/4	0.55	220/380V	3.3/1.9	1400	6.5	2.4	2.4	S3	7.7	137	264
HS 802-4	1	0.75	220/380V	4.0/2.3	1400	6.5	2.4	2.4	S3	9.2	137	264
HS 90S-4	1.5	1.1	220/380V	5.6/3.2	1400	7	2.3	2.4	S3	10.8	144	268
HS 90L-4	2	1.5	220/380V	7.2/4.2	1400	7	2.3	2.4	S3	12.8	144	268
HS 90L1-4	2.5	1.8	220/380V	8.7/5.0	1400	7.5	2.3	2.4	S3	13.4	144	294
HS 90L2-4	3	2.2	220/380V	10.1/5.9	1400	7.5	2.3	2.4	S3	14.5	144	294
HS 100L1-4	3	2.2	220/380V	9.6/5.5	1430	7.5	2.2	2.4	S3	19.5	153	365
HS 100L2-4	4	3	220/380V	12.9/7.4	1430	7.5	2.2	2.4	S3	24.2	153	365

Installation Dimensions(mm)
电机安装尺寸 (mm)





Single Phase Motors for Hydraulic Power Units
液压单元单相电机

Product Description

The HL series is equipped with a starting device, a start capacitor, a running capacitor and driven by a single-phase AC supply. It is designed for hydraulic power units requiring frequent start. The extra starting torque provided by this series ensures a rapid and smooth start-up.

Motor Features

- Aluminum housing
- Junction box is rotatable 4x90° at top, left, right side
- Multi-mount with removable feet
- S1 / S3 duty
- Square flange and special DE shaft for hydraulic power units
- Insulation rating: B / F
- IP rating : IP54
- Cooling method: IC411
- Vacuum Pressure Impregnated (VPI) windings
- Customization is available

产品说明

HL 系列由单相电源供电，配套离心开关、起动电容和运转电容，专为需要频繁起动的液压单元设计，加大起动转矩保证了电机的快速、平稳起动。

电机特性

- 铝壳
- 接线盒位置：顶部 / 左侧 / 右侧
- 接线盒可 90°旋转
- 可多侧安装的活动底脚
- 工作制：S1 / S3
- 方法兰和特殊轴伸专为液压单元设计
- 绝缘等级：B / F
- 防护等级：IP54
- 冷却方式：IC411
- 绕组真空浸漆
- 可定制化设计

Technical Data(50Hz) 技术参数

Model	Rated Output		Voltage	Rated Current	Rated Speed	Tst/T _N	Tmax/T _N	Ist	Duty	Net Weight	Overall Dimensions(mm) 外形尺寸(mm)	
型号	功率		电压	电流	转速	堵转转矩 额定转矩	最大转矩 额定转矩	堵转电流	工作制	净重	AD	L
	(HP)	(kW)						(A)				

S1 Duty (S1 工作制)

HL 801-2	1	0.75	220V	4.9	3360	2.5	1.8	30	S1	9.4	146	264
HL 802-2	1.5	1.1	220V	7.3	3360	2.5	1.8	40	S1	11.1	146	264
HL 90S-2	2	1.5	220V	9.8	2800	2.5	1.8	55	S1	12.8	152	294
HL 90L-2	3	2.2	220V	14.3	2800	2.5	1.8	70	S1	15.8	152	324
HL 100L-2	4	3	220V	19	2800	2.2	1.8	100	S1	25.8	162	395
HL 801-4	3/4	0.55	220V	3.8	1400	2.5	1.8	21	S1	8.9	146	264
HL 802-4	1	0.75	220V	5.4	1400	2.5	1.8	25	S1	10.2	146	264
HL 90S-4	1.5	1.1	220V	7.2	1400	2.5	1.8	40	S1	12.8	152	294
HL 90L-4	2	1.5	220V	9.7	1400	2.5	1.8	50	S1	15.8	152	324
HL 90L1-4	2.5	1.8	220V	11.6	1400	2.5	1.8	60	S1	18.8	152	381
HL 100L1-4	3	2.2	220V	14.5	1400	2.5	1.8	80	S1	25.8	162	395
HL 100L2-4	4	3	220V	18.4	1400	2.5	1.8	100	S1	30.8	162	395

S3 Duty (S3 工作制)

HL 801-2	1	0.75	220V	5.4	2800	2.5	1.8	35	S3	8.3	146	264
HL 802-2	1.5	1.1	220V	8.2	2800	2.5	1.8	47	S3	9.4	146	264
HL 90S-2	2	1.5	220V	10.8	2800	2.5	1.8	65	S3	11.9	152	294
HL 90L-2	3	2.2	220V	15.2	2800	2.5	1.8	80	S3	15.8	152	294
HL 100L-2	4	3	220V	20.4	2800	2.2	1.8	110	S3	23.6	162	395
HL 801-4	3/4	0.55	220V	4.3	1400	2.5	1.8	26	S3	7.4	146	264
HL 802-4	1	0.75	220V	6.2	1400	2.5	1.8	32	S3	8.9	146	264
HL 90S-4	1.5	1.1	220V	8.1	1400	2.5	1.8	47	S3	11.7	152	294
HL 90L-4	2	1.5	220V	10.6	1400	2.5	1.8	58	S3	13	152	294
HL 90L1-4	2.5	1.8	220V	12.9	1400	2.5	1.8	70	S3	16.5	152	324
HL 90L2-4	3	2.2	220V	16.7	1400	2.2	1.8	70	S3	20.1	152	381
HL 100L1-4	3	2.2	220V	15.7	1400	2.5	1.8	90	S3	23.8	162	395
HL 100L2-4	4	3	220V	19.3	1400	2.5	1.8	110	S3	25.8	162	395

Installation Dimensions(mm)
电机安装尺寸 (mm)

