ORLAN POWER

Y2VP/YE2VP/YE3VP series variable frequency three phase asynchronous motor

Variable speed motor

IEC standard AC Motor

IE1/IE2/IE3,Y2VP/YE2VP/YE3VP

IC416

Summary

Frame Size: H80~H355

Rated Power: 0.55~315kW

Rated Voltage: 380V~1140V

Poles: 2p,4p,6p,8P,10P

Protection Degree: IP44/IP54/IP55/IP56/IP66

Insulation Class: F/H/N

Duty: S1

Frequency range: constant torque: 3~50Hz

constant power: 2p: 50~60Hz

4~6p: 50~100Hz

Connection: ≤55kW: Y; >55kW: △

Cool fan motor voltage：380V/400V

Encoder：according to customer's requirement

Mounting dimensions are same as YE2/YE3

Motor length increase by ΔL because of cool fan

Product introduction

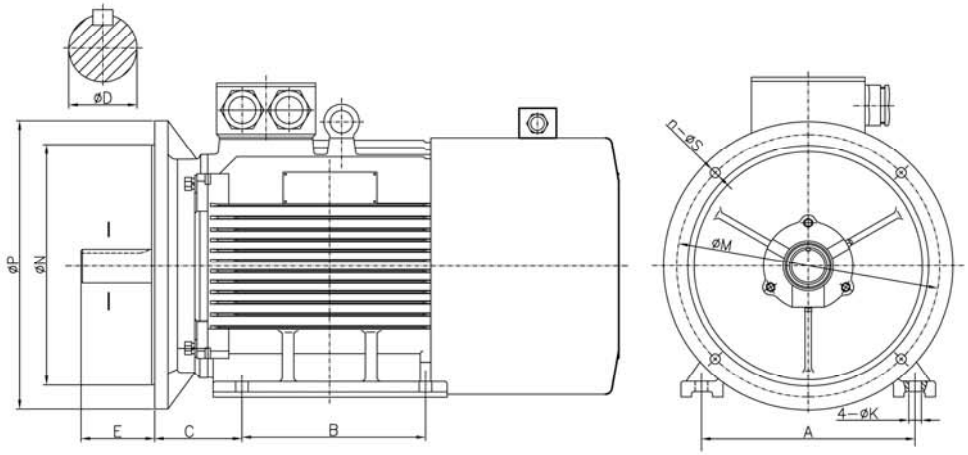
The series motors with high strengh cast iron structure,have the characteristics of high reliability,wide speed range,high precision,high interchangeability,the series motors have independent cooling fan to ensure good cooling effect under different speed.

Adopted the advantages of the same-type motors of industry-advanced countries such as Y2VP/YE2VP/YE3VP Series Motors are designed with computer assistant technology.It can be coordinated with the sametype frequency converter at home and abroad.So it has a good interchangeability and commonality.In addition，it has used a squirrel-cage construction for reliable operation and easy maintenance.Separtely assembled with axial-flow ventilator，Y2VP/YE2VP/YE3VP Series Motors can guatantee its better cooling effect at different speeds.It has adopted Class F insulation system widely applied in the world to improve its reliability.

The motors use squirrel-cage construction for reliable operation and easy maintenance.Separately assembled with axial-flow ventilator.The series motors can guarantee its better cooling effect at different speeds.To be convenient for users, the mounting dimensions of the series motors cansame as those of Y series motors.

The series motors are suitable for various operation systems by which speed-regulation is needed, so they have wide applications in light industry,textile, chemistry,metallurgy,crane tool, etc.Fitted with highlyaccurate sensor, the motors can achieve highly accurate operation of closed loop.

Table of Frame size-poles/speed-output, Connecting size

Induction Electric Motors Type Y2VP/YE2VP/YE3VP

Height of an axis, mm	Power, kW at frequency of rotation				The size of a shaft, mm at frequency of rotation		The connecting sizes, mm							
	2p=2	2p=4	2p=6	2p=8	2p=2	others								
H	3000 min -1	1500 min -1	1000 min -1	750 min -1	DxE		B	C	A	K	M	nxS	P	N
80M1	0.75	0.55	x	x	19x40		100	50	125	10	165	4x12	200	130
80M2	1.1	0.75	x	x										
90S	1.5	1.1	0.75	x	24x50		100	56	140	10	165	4x12	200	130
90L	2.2	1.5	1.1	x			125							
100L	3	2.2/3	1.5	x	28x60		140	63	160	12	215	4x14.5	250	180
112M	4	4	2.2	x	28x60		140	70	190	12	215	4x14.5	250	180
132S	5.5/7.5	5.5	3	2.2	38x80		140	89	216	12	265	4x14.5	300	230
132M	x	7.5	4/5.5	3			178							
160M	11/15	11	7.5	4/5.5	42x110		210	108	254	14.5	300	4x18.5	350	250
160L	18.5	15	11	7.5			254							
180M	22	18.5	x	x	48x110		241	121	279	14.5	300	4x18.5	350	250
180L	x	22	15	11			279							
200L	30/37	30	18.5/22	15	55x110		305	133	318	18.5	350	4x18.5	400	300
225S	x	37	x	18.5	x	60x140	286	149	356	18.5	400	8x18.5	450	350
225M	45	45	30	22	55x110		311							
250M	55	55	37	30	60x140	65x140	349	168	406	24	500	8x18.5	550	450
280S	75	75	45	37	65x140	75x140	368	190	457	24	500	8x18.5	550	450
280M	90	90	55	45			419							
315S	110	110	75	55	65x140	80x170	406	216	508	28	600	8x24	660	550
315M	132	132	90	75			457							
315L	160/200	160/200	110/132	90/110			508							
355M	220/250	250	160/200	132/160	75x140	95x170	560	254	610	28	740	8x24	800	680
355L	280/315	315	250	200			630