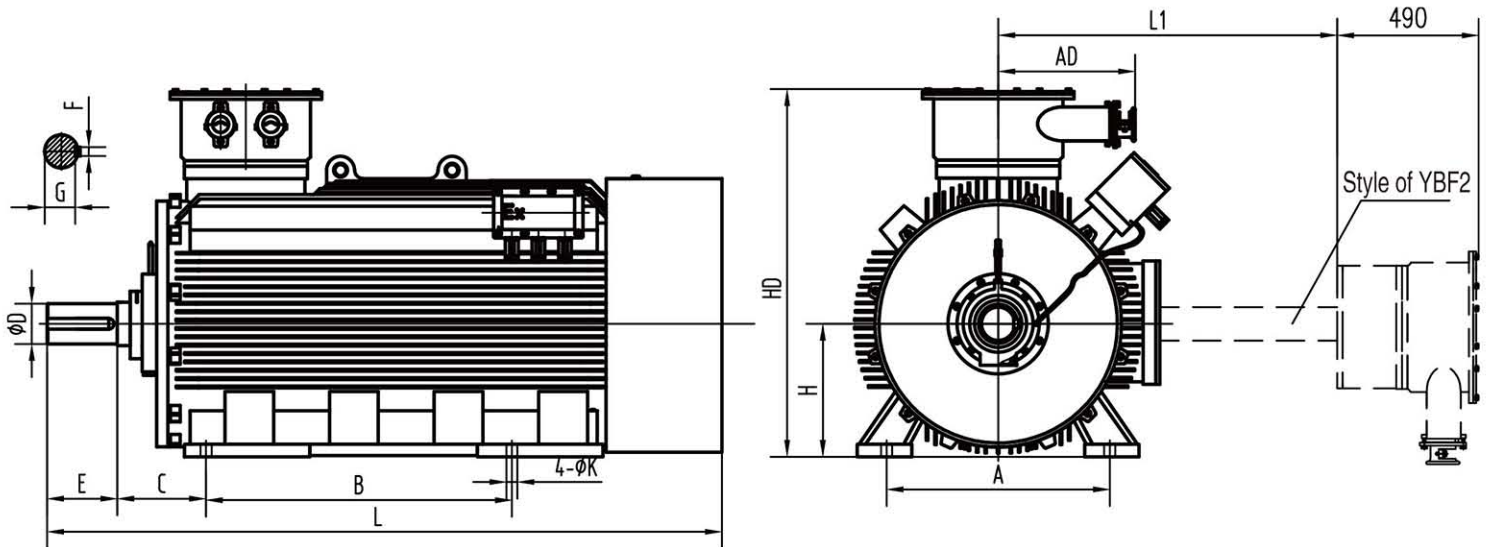




DIMENSIONS AND TOLERANCE OF YBX3 SERIES HIGH EFFICIENCY FLAMEPROOF 3-PHASE INDUCTION MOTOR

Frame	Pole	A		B		C		D		E		F		G		H		K		AD	HD	L
		Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation			
400	2	710		1000		280		85		170	± 0.50	22		76		400					1200	2260
	4-16							110		± 0.57	28	100		2300								
450	2	800	± 1.75	1120	± 1.75	280		95		170	± 0.50	25		86		450		35			1300	2460
	4							120			109	2500										
	6-16							130	± 0.062	119												
500	2	900		1250		315	± 4.0	110	± 0.035 ± 0.013	210	± 0.57	28	± 0.052	100	± 0.2	500	± 0.1	± 0.62 0	490	1350	2900	
	4							130		32		119	2800									
	6-16							140		36		128	± 0.3	2900								
560	2	1000	± 2.1	1400	± 2.1	530		130	± 0.040 ± 0.015			32	± 0.062	119	± 0.2	560					1480	3250
	4					150			36			138	± 0.3	3100								
	6-16					160			40			147	3100									

PERFORMANCE DATA

YBX3 SERIES HIGH EFFICIENCY FLAMEPROOF 3-PHASE INDUCTION MOTORS (380V)

Type	Output kW	Rated Current A	Rated speed r/min	Efficiency %	Power Factor COSΦ	TST/Tn	IST/In	TM/Tn
YBX3 400-2	355	639.8	2985	95.8	0.88	1.1	7	2.2
YBX3 400-2	400	720.9	2985	95.8	0.88	1.1	7	2.2
YBX3 400-2	450	811.0	2985	95.8	0.88	1.1	7	2.2
YBX3 400-2	500	901.1	2985	95.8	0.88	1.1	7	2.2
YBX3 400-2	560	1009.3	2985	95.8	0.88	1.1	7	2.2
YBX3 400-2	630	1120.3	2985	96	0.89	1.1	7	2.2
YBX3 450-2	560	1009.3	2985	95.8	0.88	1.1	7	2.2
YBX3 450-2	630	1120.3	2985	96	0.89	1.1	7	2.2
YBX3 450-2	710	1262.6	2985	96	0.89	1.1	7	2.2
YBX3 450-2	800	1419.7	2985	96.2	0.89	1.1	7	2.2
YBX3 450-2	900	1597.2	2985	96.2	0.89	1.1	7	2.2
YBX3 450-2	1000	1774.6	2985	96.2	0.89	1.1	7	2.2
YBX3 400-4	355	654.7	1485	95.8	0.86	1	6.5	2.2
YBX3 400-4	400	737.7	1485	95.8	0.86	1	6.5	2.2
YBX3 400-4	450	829.9	1485	95.8	0.86	1	6.5	2.2
YBX3 400-4	500	922.1	1485	95.8	0.86	1	6.5	2.2
YBX3 400-4	560	1020.9	1485	95.8	0.87	1	6.5	2.2
YBX3 400-4	630	1146.1	1485	96	0.87	1	6.5	2.2
YBX3 400-4	710	1291.6	1485	96	0.87	1	6.5	2.2
YBX3 450-4	630	1146.1	1485	96	0.87	1	6.5	2.2
YBX3 450-4	710	1291.6	1485	96	0.87	1	6.5	2.2
YBX3 450-4	800	1438.8	1485	96	0.88	1	6.5	2.2
YBX3 450-4	900	1618.7	1485	96	0.88	1	6.5	2.2
YBX3 450-4	1000	1798.5	1485	96	0.88	1	6.5	2.2
YBX3 450-4	1120	2010.2	1485	96.2	0.88	1	6.5	2.2
YBX3 500-4	1250	2218.3	1485	96.2	0.89	0.8	6.5	2
YBX3 500-4	1400	2484.5	1485	96.2	0.89	0.8	6.5	2
YBX3 500-4	1600	2839.4	1485	96.2	0.89	0.8	6.5	2
YBX3 400-6	280	544.4	990	95.3	0.82	1.3	6.5	2
YBX3 400-6	315	612.5	990	95.3	0.82	1.3	6.5	2
YBX3 400-6	355	690.2	990	95.3	0.82	1.3	6.5	2
YBX3 400-6	400	776.1	990	95.5	0.82	1.3	6.5	2
YBX3 400-6	450	873.1	990	95.5	0.82	1.3	6.5	2
YBX3 400-6	500	955.4	990	95.8	0.83	1.3	6.5	2
YBX3 400-6	560	1070.1	990	95.8	0.83	1.3	6.5	2
YBX3 450-6	500	955.4	990	95.8	0.83	1.3	6.5	2
YBX3 450-6	560	1070.1	990	95.8	0.83	1.3	6.5	2
YBX3 450-6	630	1201.3	990	96	0.83	1.3	6.5	2
YBX3 450-6	710	1353.9	990	96	0.83	1.3	6.5	2

PERFORMANCE DATA

YBX3 SERIES HIGH EFFICIENCY FLAMEPROOF 3-PHASE INDUCTION MOTORS (380V)

Type	Output kW	Rated Current A	Rated speed r/min	Efficiency %	Power Factor COS Φ	TST/Tn	IST/In	TM/Tn
YBX3 450-6	800	1525.5	990	96	0.83	1.3	6.5	2
YBX3 450-6	900	1716.2	990	96	0.83	1.3	6.5	2
YBX3 500-6	1000	1882.2	990	96.1	0.84	1.1	6.5	2
YBX3 500-6	1120	2108.1	990	96.1	0.84	1.1	6.5	2
YBX3 500-6	1250	2325.1	990	96.1	0.85	1.1	6.5	2
YBX3 500-6	1400	2604.1	990	96.1	0.85	1.1	6.5	2
YBX3 400-8	220	453.5	745	94.5	0.78	1.2	6.5	2
YBX3 400-8	250	515.3	745	94.5	0.78	1.2	6.5	2
YBX3 400-8	280	577.2	745	94.5	0.78	1.2	6.5	2
YBX3 400-8	315	649.3	745	94.5	0.78	1.2	6.5	2
YBX3 400-8	355	728.7	745	94.9	0.78	1.2	6.5	2
YBX3 400-8	400	800.5	745	94.9	0.8	1.2	6.5	2
YBX3 400-8	450	896.8	745	95.3	0.8	1.2	6.5	2
YBX3 450-8	400	800.5	740	94.9	0.8	1.2	6.5	2
YBX3 450-8	450	896.8	740	95.3	0.8	1.2	6.5	2
YBX3 450-8	500	984.1	740	95.3	0.81	1.2	6.5	2
YBX3 450-8	560	1098.8	740	95.6	0.81	1.2	6.5	2
YBX3 450-8	630	1236.1	740	95.6	0.81	1.2	6.5	2
YBX3 450-8	710	1393.1	740	95.6	0.81	1.2	6.5	2
YBX3 500-8	800	1547.3	740	95.8	0.82	1	6	1.8
YBX3 500-8	900	1740.7	740	95.8	0.82	1	6	1.8
YBX3 500-8	1000	1934.1	740	95.8	0.82	1	6	1.8
YBX3 500-8	1120	2166.2	740	95.8	0.82	1	6	1.8
YBX3 400-10	185	429.0	595	93.6	0.7	1	6	2
YBX3 400-10	200	463.8	595	93.6	0.7	1	6	2
YBX3 400-10	220	494.9	595	93.8	0.72	1	6	2
YBX3 400-10	250	561.2	595	94	0.72	1	6	2
YBX3 400-10	280	628.6	595	94	0.72	1	6	2
YBX3 400-10	315	704.2	595	94.4	0.72	1	6	2
YBX3 400-10	355	761.8	595	94.4	0.75	1	6	2
YBX3 450-10	315	704.2	595	94.4	0.72	1	6	2
YBX3 450-10	355	761.8	595	94.4	0.75	1	6	2
YBX3 450-10	400	855.7	595	94.7	0.75	1	6	2
YBX3 450-10	450	962.7	595	94.7	0.75	1	6	2
YBX3 450-10	500	1066.2	595	95	0.75	1	6	2
YBX3 450-10	560	1194.2	595	95	0.75	1	6	2
YBX3 500-10	630	1325.8	595	95	0.76	0.8	5.5	1.8
YBX3 500-10	710	1489.4	595	95.3	0.76	0.8	5.5	1.8
YBX3 500-10	800	1678.2	595	95.3	0.76	0.8	5.5	1.8
YBX3 500-10	900	1888.0	595	95.3	0.76	0.8	5.5	1.8

PERFORMANCE DATA

YBX3 SERIES HIGH EFFICIENCY FLAMEPROOF 3-PHASE INDUCTION MOTORS (380V)

Type	Output kW	Rated Current A	Rated speed r/min	Efficiency %	Power Factor COSΦ	TST/Tn	IST/In	TM/Tn
YBX3 400-12	160	402.2	495	93	0.65	1	5.5	1.8
YBX3 400-12	185	465.0	495	93	0.65	1	5.5	1.8
YBX3 400-12	200	501.6	495	93.2	0.65	1	5.5	1.8
YBX3 400-12	220	550.6	495	93.4	0.65	1	5.5	1.8
YBX3 400-12	250	625.7	495	93.4	0.65	1	5.5	1.8
YBX3 400-12	280	667.0	495	93.8	0.68	1	5.5	1.8
YBX3 450-12	315	750.4	495	93.8	0.68	1	5.5	1.8
YBX3 450-12	355	842.0	495	94.2	0.68	1	5.5	1.8
YBX3 450-12	400	948.8	495	94.2	0.68	1	5.5	1.8
YBX3 450-12	450	1067.4	495	94.2	0.68	1	5.5	1.8
YBX3 500-12	500	1152.1	495	94.2	0.7	0.8	5.5	1.8
YBX3 500-12	560	1287.6	495	94.4	0.7	0.8	5.5	1.8
YBX3 500-12	630	1448.6	495	94.4	0.7	0.8	5.5	1.8
YBX3 500-12	710	1632.5	495	94.4	0.7	0.8	5.5	1.8
YBX3 400-14	160	416.7	425	92.6	0.63	1	5	1.8
YBX3 400-14	185	481.3	425	92.7	0.63	1	5	1.8
YBX3 400-14	200	518.7	425	93	0.63	1	5	1.8
YBX3 400-14	220	570.5	425	93	0.63	1	5	1.8
YBX3 400-14	250	627.0	425	93.2	0.65	1	5	1.8
YBX3 450-14	280	702.3	425	93.2	0.65	1	5	1.8
YBX3 450-14	315	787.5	425	93.5	0.65	1	5	1.8
YBX3 450-14	355	887.5	425	93.5	0.65	1	5	1.8
YBX3 450-14	400	1000.0	425	93.5	0.65	1	5	1.8
YBX3 500-14	450	1090.3	425	93.6	0.67	0.8	5	1.8
YBX3 500-14	500	1211.4	425	93.6	0.67	0.8	5	1.8
YBX3 500-14	560	1353.9	425	93.8	0.67	0.8	5	1.8
YBX3 500-14	630	1523.1	425	93.8	0.67	0.8	5	1.8
YBX3 400-16	132	362.9	370	92.1	0.6	1	5	1.8
YBX3 400-16	160	439.9	370	92.1	0.6	1	5	1.8
YBX3 400-16	185	508.7	370	92.1	0.6	1	5	1.8
YBX3 400-16	200	548.7	370	92.3	0.6	1	5	1.8
YBX3 450-16	220	582.9	370	92.5	0.62	1	5	1.8
YBX3 450-16	250	662.3	370	92.5	0.62	1	5	1.8
YBX3 450-16	280	737.8	370	93	0.62	1	5	1.8
YBX3 450-16	315	830.1	370	93	0.62	1	5	1.8
YBX3 500-16	355	904.3	370	93.2	0.64	0.8	5	1.8
YBX3 500-16	400	1018.9	370	93.2	0.64	0.8	5	1.8
YBX3 500-16	450	1143.8	370	93.4	0.64	0.8	5	1.8
YBX3 500-16	500	1270.9	370	93.4	0.64	0.8	5	1.8