



NASCO GLOBAL COMPANY FOR TRADING & CONTRACTING

Buyer Specification Vendor name/Vendor code: SUNTEK

Product type: Duct Fans

S.#	Description	BPT10-12A	BPT10-25A	BPT10-30A	Inspection Plan	Remark
1	Illustration				(ANSI/ASQ C-Z14-2003 S-1, MIL-STD-105E)C=0, Major	
Overall						
1	Customer Product Name	BPT10-12A	BPT10-25A	BPT10-30A	L-1	
2	Sweep Size	200mm	250mm	300mm	3pc/lot	
3	Rated Voltage	220-240V	220-240V	220-240V	--	
4	Rated Frequency	50/60Hz	50/60Hz	50/60Hz	--	
5	Power Factor	>0.9min	>0.9min	>0.9min	S-1	
6	Motor Type	Permanent Split Capacitor AC Single Phase	Permanent Split Capacitor AC Single Phase	Permanent Split Capacitor AC Single Phase	--	
7	Insulation	E	E	E	--	
Safety Parameters						
1	High Voltage test between live parts & body in case of the motors intended to be	1800V 2s	1800V 2s	1800V 2s	L-1	
2	Earthing continuity	<0.1Ohm on 12V 25A	<0.1Ohm on 12V 25A	<0.1Ohm on 12V 25A	L-1	
3	Winding fuse rating	135℃ 250V 2A	135℃ 250V 2A	135℃ 250V 2A	3pcs/lot	
Performance						
1	Minimum Starting Voltage	180V	180V	180V	S-1	
2	Temperature rise of winding	< 75K, in 243.8V and 40℃	< 75K, in 243.8V and 40℃	< 75K, in 243.8V and 40℃	3pcs/lot	
Performance(220-240V)						
1	Speed	1350 RPM	1250 RPM	1100 RPM	S-1	Tolerance (-16%↗+14%)
2	Power Input	≤23W	≤36W	≤48W	S-1	
3	Noise level	≤40db	≤45db	≤48db	--	
4	Exhaust wind	150m³/h	200m³/h	320³/h		
Others						
1	Vibration & Noise	Normal operation no abnormal noise	Normal operation no abnormal noise	Normal operation no abnormal noise	L-1	
2	4 hours running test in 230 V	no problem in test	no problem in test	no problem in test	3pc/lot	
3	Visual Inspection of product & packing	Spec agreed by both sides	Spec agreed by both sides	Spec agreed by both sides	L-1	
4	Lable-Rubbing/Tape test	shall not smudge/deplete	shall not smudge/deplete	shall not smudge/deplete	S-1	
5	Drop test	MUST Pass as per ISTA-1AUnder one angle,3 lines,6 sides	MUST Pass as per ISTA-1AUnder one angle,3 lines,6 sides	MUST Pass as per ISTA-1AUnder one angle,3 lines,6 sides	1pc/lot	
6	Supply cord length (Outside the fan)	Exposed>40cm outside wiring	Exposed>40cm outside wiring	Exposed>40cm outside wiring	S-1	
7	Lamination Stack height	12mm	14mm	18mm	S-1	
8	Wind wheel weight	50g	77g	95g	S-1	Tolerance (-5%↗+5%)
9	Wind wheel material	PP	PP	PP	S-1	
10	Fan Shape	Square	Square	Square	L-1	
11	net weight net weight	1.185kg	1.49kg	1.8kg	3pc/lot	Tolerance (-10%↗+10%)
12	Capacitor Value	0.6uf ±5% 400V	1.0uf ±5% 400V	1.2uf ±5% 400V	3 pcs/lot	
13	Ball Bearing	GL15	GL15	GL15	--	
14	Overall finish of fan	As per approved sample	As per approved sample	As per approved sample	L-1	
15	All label & marking	As per approved sample	As per approved sample	As per approved sample	L-1	
16	Warranty	2Years	2 Years	2 Years		
17	Trade Name	NASCO	NASCO	NASCO	L-1	
Supplier quality/Technical's name and Date LUOXINGRONG 20200914						