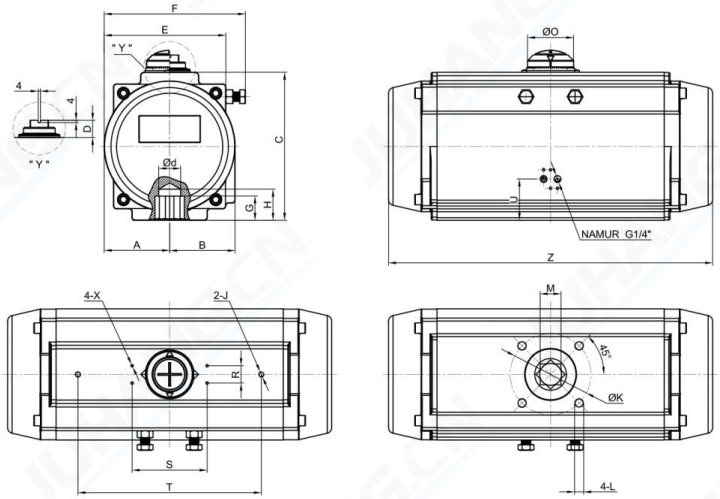
JHA1200SR 90° DATASHEET



Reference Parameters			
Cylinder size	210		mm
Weight	54		kg
Air volume	Open	7.26	L
	Close	-	
Cycle speed*①	Open	<3	s
	Close	<4	
Pressure rang	2 up to 8		bar(g)
Media	Clean,dry and non-corrosive compressed air		
Temperature	High	-15 up to 150	℃
	Standard	-20 up to 80	
	Low	-40 up to 80	
Flange	F14		
Stroke	90±5		°

> According to EN 15714-3 & ISO 5211

>*①. Test conditions: clean air with a pressure of 6 bar,the diameter of the pipe is10 mm,and the temperature is room temperature.

Dimensions in mm

Model	A	B	C	D	E	F	G	H	J	ϕK	L	M	R	S	T	O	U	Φd	Z	X	Air connection
JHA1200SR	114	114	256	30	211	245	41	53	M10*12	140	M16*25	36	30	130	318	80	71	38	562	M5*8	G1/4"

OUTPUT TORQUE (Unit:N.m)

Model	Air Supply Pressure in bar(g)																			
Spring	2.5		3		4		4.5		5		5.5		6		7		8		Spring output	
Type	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	Start	End
JHA1200SR K6	335	204	468	337	734	603	868	736	1001	869									462	330
JHA1200SR K8			358	183	624	449	758	582	891	715	1024	848	1157	981	1423	1247			616	440
JHA1200SR K10					514	295	648	428	781	561	914	694	1047	827	1313	1093	1579	1359	770	550
JHA1200SR K12									671	407	804	540	937	673	1203	939	1469	1206	923	660

OUTPUT TORQUE (Unit:lbf.in)

Model	Air Supply Pressure in psi																			
Spring	36		44		58		65		73		80		87		102		116		Spring output	
Type	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	Start	End
JHA1200SR K6	2965	1806	4142	2983	6496	5337	7682	6514	8860	7691									4089	2921
JHA1200SR K8			3169	1620	5523	3974	6709	5151	7886	6328	9063	7505	10240	8683	12595	11037			5452	3894
JHA1200SR K10					4549	2611	5735	3788	6912	4965	8090	6142	9267	7320	11621	9674	13975	12028	6815	4868
JHA1200SR K12									5939	3602	7116	4779	8293	5957	10647	8311	13002	10674	8169	5841

Notes:

> 1 bar(g) = 14.5038 psi ; 1 N.m = 8.8507 lbf.in

> For further information regarding options , materials , certifications and additional execution please contact JUHANG's sales office.

> Flange and bi-square drive shall comply with ISO 5211 standard.

> Solenoid valve mounting interface according to VDI/VDE 3845(NAMUR)