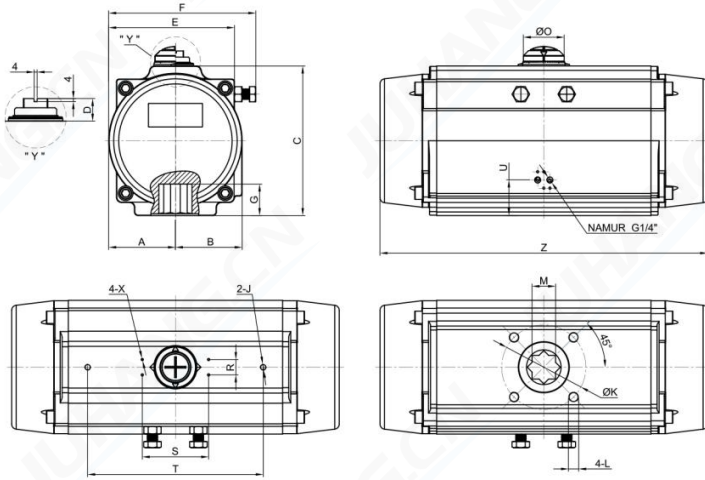


JHA1800SR 90° DATASHEET



Reference Parameters			
Cylinder size	240		mm
Weight	65		kg
Air volume	Open	10.7	L
	Close	-	
Cycle speed*①	Open	<4	s
	Close	<6	
Pressure rang	2 up to 8		bar(g)
Media	Clean,dry and non-corrosive compressed air		
Temperature	High	-15 up to 150	°C
	Standard	-20 up to 80	
	Low	-40 up to 80	
Flange	F16		
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	J	φK	L	M	R	S	T	O	U	Z	X	Air connection
JHA1800SR	131	131	292	30	246	288	61	M12*15	165	M20*25	46	30	130	344	80	70	642	M5*8	G1/4"

OUTPUT TORQUE (Unit:N.m)

Model	Air Supply Pressure in bar(g)																				
	Spring Type	2.5		3		4		4.5		5		5.5		6		7		8		Spring output	
		0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	Start	End
JHA1800SR	K6	470	276	663	469	1048	854	1241	1047	1433	1239									687	493
	K8			498	240	883	625	1076	818	1268	1010	1461	1202	1653	1395	2038	1780			915	657
	K10					719	396	912	589	1104	781	1297	973	1489	1166	1874	1551	2259	1936	1144	821
	K12									940	552	1133	745	1325	937	1710	1322	2095	1707	1373	985

OUTPUT TORQUE (Unit:lbf.in)

Model	Air Supply Pressure in psi																				
	Spring Type	36		44		58		65		73		80		87		102		116		Spring output	
		0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	0°	90°	Start	End
JHA1800SR	K6	4160	2443	5868	4151	9276	7558	10984	9267	12683	10966									6080	4363
	K8			4408	2124	7815	5532	9523	7240	11223	8939	12931	10639	14630	12347	18038	15754			8098	5815
	K10					6364	3505	8072	5213	9771	6912	11479	8612	13179	10320	16586	13727	19994	17135	10125	7266
	K12									8320	4886	10028	6594	11727	8293	15135	11701	18542	15108	12152	8718

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)

