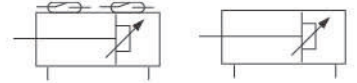


QGSC(U) 系列标准气缸

Series Standard Cylinder



图形符号 Graphical symbols



产品特点 Features

QGSC(U)系列气缸在结构要素尺寸、安装形式和尺寸方面都符合ISO国际标准。具有工作可靠、耐久性好、互换性强的特点。

QGSC(U) series cylinders conform with ISO standards in structural dimensions installation mode and dimensions. They feature reliable performance, high durability and interchangeability.

型号注释 Note for type

QGSC D - 50 x 50 - 25 - k - LB

型号 / Model

QGSC: 拉杆式 / pull rod type

QGSU: 拉杆内藏式 / Hidden pull rod type

动作形式 / motion pattern

无标记Blank: 标准复动型 / standard double action

D-双轴复动型 / Double-shaft double action

J- 双轴可调行程型 / double-shaft and adjustable stroke type

缸径 / cylinder bore

行程 / Stroke

可调行程 / adjustable stroke

磁石代号 / Magnet code

k: 附磁石

空白: 不附磁石 / Blank: not attach magnet

固定形式 / Fixed Type:

空白blank-基本型 / basic type

LB-前后固定型 / front and back fixed type

FA-前盖固定型(前法兰) / front cover fixed type (front flange type)

FB-后盖固定型(后法兰) / back cover fixed type(rear flange type)

CA-后盖固定型(单耳环) / back cover fixed type (single earring)

CB-后盖固定型(双耳环) / back cover fixed type (double earring)

TC-中间摇摆式 / swinging type

TC-M: 摇摆式附脚座 / swinging type attaching foot seat

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技术参数 Specification

缸内径 / Cylinder bore	32	40	50	63	80	100	125	160	200
接管口径 / Joint pipe bore	G1/8	G1/4		G3/8		G1/2		G3/4	
缓冲行程 / Buffer stroke (mm)	20			26			45		
缓冲形式 / Buffer type	可调缓冲 / Adjustable buffer								
动作形式 / Motion pattern	复动型 / Double Action								
工作介质 / Working medium	空气 / Air								
*固定形式 / Fixed type	基本型, LB型, FA型, FB型, CA型, CB型, TC型, TC-M型 Basic type, LB type, FA type, FB type, CA type, CB type, TC type, TC-M type								
使用压力范围 / Operating voltage Range (Kg/cm ²)	1-9.0								
保证耐压力 / Ensured pressure resistance (Kg/cm ²)	13.5								
使用速度范围 / Operating speed range (mm/s)	50-800								
使用温度范围 / Operating Temperature range (°C)	0-70								

* SCD, SCJ的固定形式为:FA, FB, LB, TC和 TC-M型 / SCD, SCJ Fixed Type:FA, FB, LB, TC & TC-M type

行程 Stroke

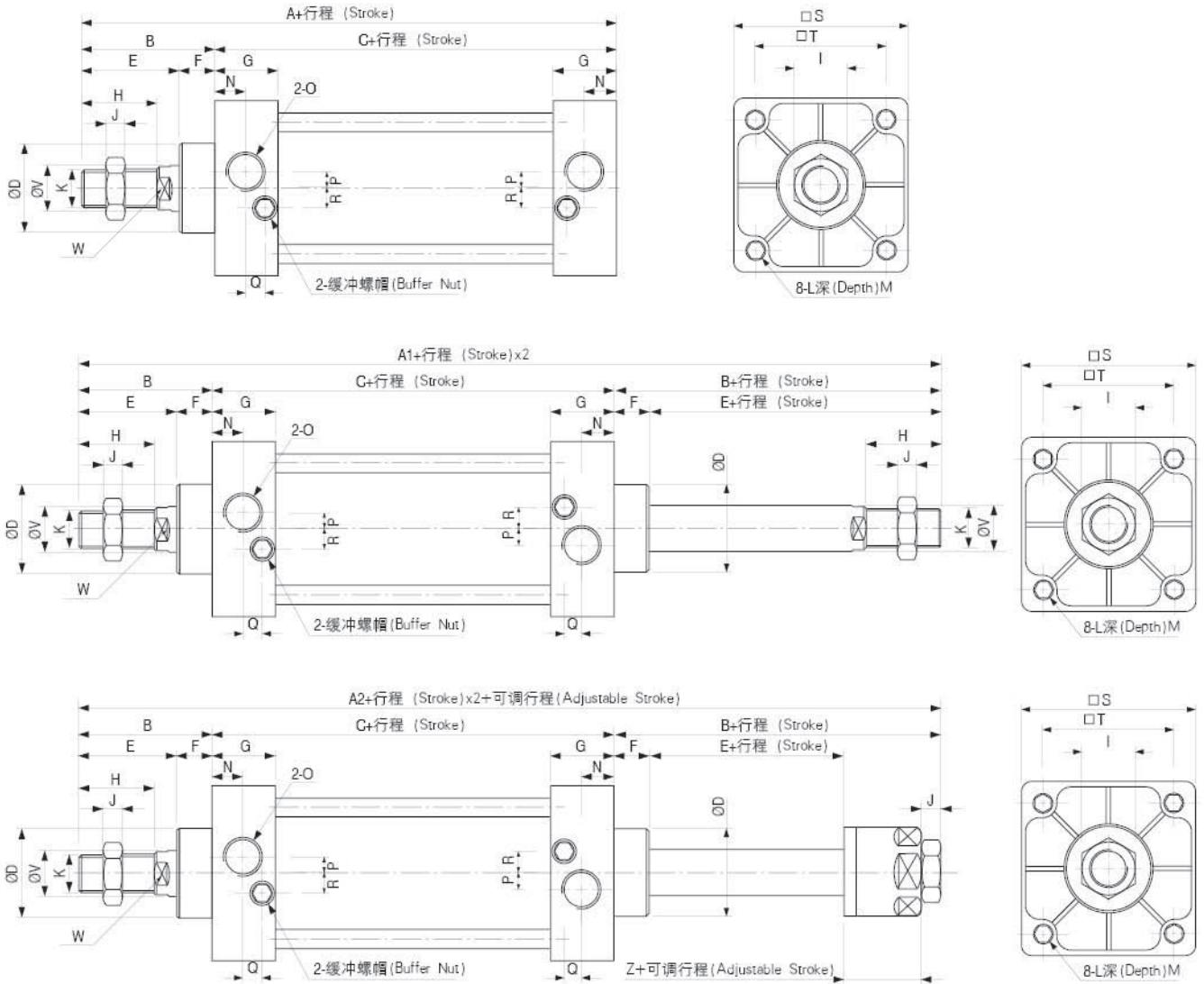
内径 Bore (mm)	标准行程 Standard Stroke (mm)																最大行程 Max. Stroke	容许行程 Permissible Stroke					
	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500							
32	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	1000	2000					
40	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	800	1200	2000		
50	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	800	900	1000	1200	2000
63	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	800	900	1000	1500	2000
80	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	800	900	1000	1500	2000
100	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	800	900	1000	1500	2000
125	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	800	900	1000	1500	2000
160	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	800	900	1000	1500	2000
200	25	50	75	80	100	125	150	160	175	200	250	300	350	400	450	500	600	700	800	900	1000	1500	2000

气缸理论出力表 / Cylinder theory output sheet

气缸内径 Cylinder inside Diameter	32	40	50	63	80	100	125	160	200										
活塞杆外径 Ext. Dia of piston rod	12	16	20	20	25	25	32	40	40										
动作形式 Motion Pattern	复动型 Double Action		复动型 Double Action		复动型 Double Action		复动型 Double Action		复动型 Double Action		复动型 Double Action		复动型 Double Action		复动型 Double Action		复动型 Double Action		
	压侧 Pressure side	拉侧 Pull side	压侧 Pressure side	拉侧 Pull side	压侧 Pressure side	拉侧 Pull side	压侧 Pressure side	拉侧 Pull side	压侧 Pressure side	拉侧 Pull side	压侧 Pressure side	拉侧 Pull side	压侧 Pressure side	拉侧 Pull side	压侧 Pressure side	拉侧 Pull side	压侧 Pressure side	拉侧 Pull side	
受压面积 Compression Area(cm ²)	8.04	6.90	12.56	10.55	19.63	16.49	31.17	28.03	50.26	45.36	78.53	73.62	122.70	114.60	201.00	188.40	314.20	301.40	
空气压力 Air Pressure (Kg/cm ²)	1	8.04	6.90	12.56	10.55	19.63	16.49	31.17	28.03	50.26	45.36	78.53	73.62	122.70	114.60	201.00	188.40	314.20	301.40
	2	16.08	13.80	25.12	21.10	39.26	32.98	62.34	56.06	100.52	90.72	157.06	147.24	245.40	229.20	402.00	376.80	628.40	602.80
	3	24.12	20.70	37.68	31.65	58.89	49.47	93.51	84.09	150.78	136.08	235.59	220.86	368.10	343.80	603.00	565.20	942.60	904.20
	4	32.16	27.60	50.24	42.20	78.52	65.96	124.68	112.12	201.04	181.44	314.12	294.48	490.80	458.40	804.00	753.60	1256.80	1205.60
	5	40.20	34.50	62.80	52.75	98.15	82.45	155.85	140.15	251.30	226.80	392.65	368.10	613.50	573.00	1005.00	942.00	1571.00	1507.00
	6	48.24	41.40	75.36	63.30	117.78	98.94	187.02	168.18	301.56	272.16	471.18	441.72	736.20	687.60	1206.00	1130.40	1885.20	1808.40
	7	56.28	48.30	87.92	73.85	137.41	115.43	218.19	196.21	351.82	317.52	549.71	515.34	858.90	802.20	1407.00	1318.80	2199.40	2109.80
	8	64.32	55.20	100.48	84.40	157.04	131.92	249.36	224.24	402.08	362.88	628.24	588.96	981.60	916.80	1608.00	1507.20	2513.60	2411.20
	9	72.36	62.10	113.04	94.95	176.67	148.41	280.53	252.27	452.34	408.24	706.77	662.58	1104.30	1031.40	1809.00	1695.60	2827.80	2712.60

外形尺寸 Outlook & Dimension

QGSC Type



L内径 Bore (mm)	A	A1	A2	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	V	W	Z
32	140	187	182	47	93	28	32	15	27.5	22	17	6	M10X1.25	M6X1	9.5	13.5	G1/8	3.5	7.5	7	45	33	12	12	21
40	142	191	185	49	93	32	34	15	27.5	24	17	7	M12X1.25	M6X1	9.5	15	G1/4	6	8.2	9	50	37	16	14	21
50	150	207	196	57	93	38	42	15	27.5	32	23	8	M16X1.5	M6X1	9.5	13.5	G1/4	8.5	8.2	9	62	47	20	17	23
63	153	210	199	57	96	38	42	15	27.5	32	23	8	M16X1.5	M8X1.25	9.5	13.5	G3/8	7	8.2	8.5	75	56	20	17	23
80	183	258	243	75	108	47	54	21	33	40	26	10	M20X1.5	M10X1.5	11.5	16.5	G3/8	10	9.5	14	94	70	25	22	29
100	189	264	249	75	114	47	54	21	33	40	26	10	M20X1.5	M10X1.5	11.5	16.5	G1/2	11	9.5	14	112	84	25	22	29
125	226	/	/	104	122	55	70	34	33	54	40	10	M27X2	M12X1.75	15.5	16.5	G1/2	/	/	/	140	110	32	27	/
160	291	/	/	123	168	62	91	32	50	72	55	18	M36X2	M16X2	17.5	25	G1/2	/	/	/	180	140	40	36	/
200	347	/	/	167	180	80	112	55	50	72	55	18	M36X2	M16X2	17.5	25	G3/4	/	/	/	220	175	40	36	/