

# 超临界 CO<sub>2</sub> 泵 Supercritical CO<sub>2</sub> Pumps

**3CQ/5CQ 系列 CO<sub>2</sub> 超临界泵:** 最高压力 110MPa,具有国家专利和部级科技进步二等奖,技术先进、结构紧凑、效率高、噪声小、气锁系数低、操作维修方便、性能可靠等特点.各项性能指标达到国际领先水平,广泛应用于医疗食品行业的 CO<sub>2</sub> 超临界萃;塑胶行业气凝胶生产;印染行业的超临界 CO<sub>2</sub> 印染工艺之中。

采用卧式三柱塞和五柱塞形式, 柱塞材料有不锈钢喷焊合金、和纯陶瓷柱塞, 耐磨耐用, 卫生可靠; 泵液力端自带冷却系统。

型号 Model	排出压力 Max. Pressure (Mpa)	实际流量 Capacity		电机 Motor Power (Kw)
		L/min	m <sup>3</sup> /h	
3CQ20-0.05/20	20	0.83	0.05	0.55
3CQ20-0.10/20		1.69	0.10	0.75
3CQ20-0.12/20		2.01	0.12	1.1
3CQ20-0.15/20		2.52	0.15	1.1
3CQ35-0.20/20		3.37	0.20	1.5
3CQ35-0.30/20		5.09	0.31	2.2
3CQ35-0.40/20		6.73	0.40	3
3CQ40-0.60/20		10.11	0.61	5.5
3CQ40A-1/20		16.81	1.01	7.5
3CQ60-2/20		33.58	2.01	15
3CQ75-3/20		50.42	3.03	22
3CQ90-5/20		87.36	5.24	37
3CQ95-8/20		135.31	8.12	55
3CQ105-10/20		168.59	10.12	75
3CQ105-12/20		201.62	12.10	90
5CQ90-15/20		251.78	15.11	110
3CQ20-0.05/32	32	0.85	0.05	0.75
3CQ20-0.1/32		1.69	0.10	1.5
3CQ35-0.12/32		2.02	0.12	1.5
3CQ35-0.15/32		2.53	0.15	2.2
3CQ35-0.2/32		3.38	0.20	3
3CQ40-0.3/32		5.06	0.30	4
3CQ40-0.4/32		6.73	0.40	5.5
3CQ40-0.6/32		10.14	0.61	7.5
3CQ60-1/32		16.84	1.01	15
3CQ75-2/32		33.55	2.01	30
3CQ80-3/32 改		50.51	3.03	37
3CQ95-5/32		84.28	5.06	75
3CQ105-8/32		134.37	8.06	110
5CQ115-10/32		168.43	10.11	132
5CQ115-12/32		201.39	12.08	160
5CQ127-15/32		253.77	15.23	185
3CQ20-0.05/40	40	0.84	0.05	1.1
3CQ35-0.1/40		1.67	0.10	2.2
3CQ35-0.12/40		2.02	0.12	2.2
3CQ35-0.15/40		2.53	0.15	3
3CQ35-0.20/40		3.36	0.20	4
3CQ40-0.3/40		5.07	0.30	5.5
3CQ40A-0.4/40		6.74	0.40	5.5

超临界 CO<sub>2</sub> 的进口压力要求: 5--8MPa

南京雅珑石化装备有限公司

Tel: +86-25-86166871; 86665308-612 ; +86-13951858681

**3CQ/5CQ Series Supercritical CO<sub>2</sub> Pumps:** The Max.pressure 100 MPa, with national patents and scientific and technological progress second prize,has the feature of advanced technology, compact structure, high efficiency, low noise, low coefficient of air lock , easy operation and maintenance; Its performance has reached domestic leading level.Such pumps are Widely used in the medical food industry CO<sub>2</sub> supercritical extraction, plastic industry, aerogel production, printing and dyeing industry in supercritical CO<sub>2</sub> dyeing process

It using horizontal 3 plungers and 5 plungers form. Plunger material stainless steel spray colmonoy alloy , and pure ceramic plunger , wear durable, reliable health;pump fluid end comes with cooling system.

3CQ40A-0.6/40	40	10.08	0.60	11
3CQ60-1/40		16.68	1.00	18.5
3CQ75-2/40		33.49	2.01	37
3CQZ80-3/40		50.50	3.03	55
3CQ105-5/40		84.27	5.06	90
5CQ115-8/40		134.51	8.07	132
5CQ115-10/40		167.61	10.06	160
5CQ127-12/40	50	201.27	12.08	200
5CQ127-15/40		251.59	15.10	250
3CQ20-0.05/50		0.84	0.05	1.1
3CQ35-0.1/50		1.68	0.10	2.2
3CQ35-0.12/50		2.02	0.12	3
3CQ35-0.15/50		2.52	0.15	4
3CQ40-0.20/50		3.38	0.20	5.5
3CQ40A-0.3/50		5.04	0.30	7.5
3CQ40A-0.4/50		6.70	0.40	11
3CQ60-0.6/50		10.06	0.60	15
3CQ75-1/50		16.82	1.01	22
3CQ90-2/50		33.59	2.02	45
3CQ95-3/50		50.38	3.02	75
5CQ90-5/50		83.95	5.04	110
5CQ115-8/50		134.18	8.05	185
5CQ127-10/50	80	167.64	10.06	220
5CQ127-12/50		201.21	12.07	280
5CQ175A-15/50		251.15	15.07	315
3CQ35-0.05/80		0.96	0.06	3
3CQ40-0.1/80		1.67	0.10	4
3CQ40-0.12/80		2.03	0.12	5.5
3CQ40A-0.15/80		2.53	0.15	7.5
3CQ40A-0.20/80		3.37	0.20	11
3CQ60-0.3/80		5.05	0.30	15
3CQ70-0.4/80		6.71	0.40	18.5
3CQ75-0.6/80	100	10.09	0.61	30
3CQZ80-1/80		16.83	1.01	45
3CQ40-0.05/100		0.85	0.05	4
3CQ40A-0.1/100		1.70	0.10	7.5
3CQ40A-0.12/100		2.01	0.12	7.5
3CQ60-0.15/100		2.54	0.15	11
3CQ60-0.20/100		3.38	0.20	15
3CQ75-0.3/100		5.06	0.30	18.5
3CQ75-0.4/100		6.78	0.41	30
3CQZ80-0.6/100		10.13	0.61	37
5CQ90-1/100		16.90	1.01	75

The Suction pressure of Supercritical Pumps :5--8MPa.

Nanjing Yalong Petrochemical Equipment Technology Co., Ltd.

e-mail: sales@jspump.cn; Web: www.jspump.cn