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The advertisement for Hanthing Water pumps features a blue and white color scheme. On the left is the Hanthing logo, a stylized blue 'S' shape above the word 'Hanthing' in blue. To the right of the logo is a collage of images showing various pump models and components. A large, diagonal yellow banner with the text 'Water pump' in blue runs across the center. To the right of the banner, four pump types are listed in white text on blue rectangular backgrounds: 'Inline', 'Split case', 'Multi stage', and 'End suction'. At the bottom, the website 'www.hanthing.com' is displayed in white text on a blue background.

Hanthing

Water pump

Inline
Split case
Multi stage
End suction

www.hanthing.com



The advertisement for Exthin Air Compressors features a black and yellow color scheme. On the left is the Exthin logo, which consists of a stylized yellow 'X' shape above the word 'Exthin' in yellow. To the right of the logo is a collage of images showing various compressor models and components. A large, diagonal yellow banner with the text 'Air Compressor' in black runs across the center. To the right of the banner, three compressor types are listed in yellow text on black rectangular backgrounds: 'Portable', 'Screw', and 'Piston'. On the far right is a detailed image of a large industrial air compressor unit. At the top, the website 'www.exthin.com' is displayed in white text on a black background.

Exthin

Air Compressor

Portable
Screw
Piston

www.exthin.com

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国家产品质量免检 | 中国著名品牌

FT TPT

CQ Series Magnetic PUMP



► 磁力泵概述 Briefing of magnetic pump

在石油、化工、军工、制药等领域中经常存在着一些输送腐蚀性液体的场所，因此研制和开发全密封、无泄漏、抗腐蚀性能强的离心泵是我们关心和研究的方向。磁力传动静密封技术在泵领域的应用显示出其零泄漏的密封特性。

磁力传动离心泵(简称磁力泵)是应用现代磁力学原理，利用永磁体的磁力传动实现扭矩的无接触传递的一种新型泵，也就是电机带动外转子(即外磁钢)总成旋转时，通过磁场的作用磁力线穿过隔离套带动内转子(即内磁钢)总成和叶轮同步旋转，由于介质封闭在静止的隔离套内，从而达到无泄漏抽送介质的目的，彻底解决了机械传动泵的轴封泄漏而设计的全密封、无泄漏、无污染的新型工业用泵。

磁力泵是化工流程中杜绝跑、冒、滴、漏现象，消除环境污染，创造“无泄漏车间”、“无泄漏工厂”，实现安全、文明生产的理想用泵。广泛应用于石油、化工、制药、印染、电镀、食品、环保等企业的生产流程中输送不含铁屑杂质的腐蚀性液体，尤其适用于易燃、易爆、易挥发、有毒和贵重液体的输送。

以下各种系列磁力泵都采用最优秀的水力模型，达到了高效、节能、性能稳定等优点。而且结构简单，安装简便，占地面积小，拆卸维修方便，噪音低，是石油、化工、制药、电镀、电子、环保等行业的首选产品。

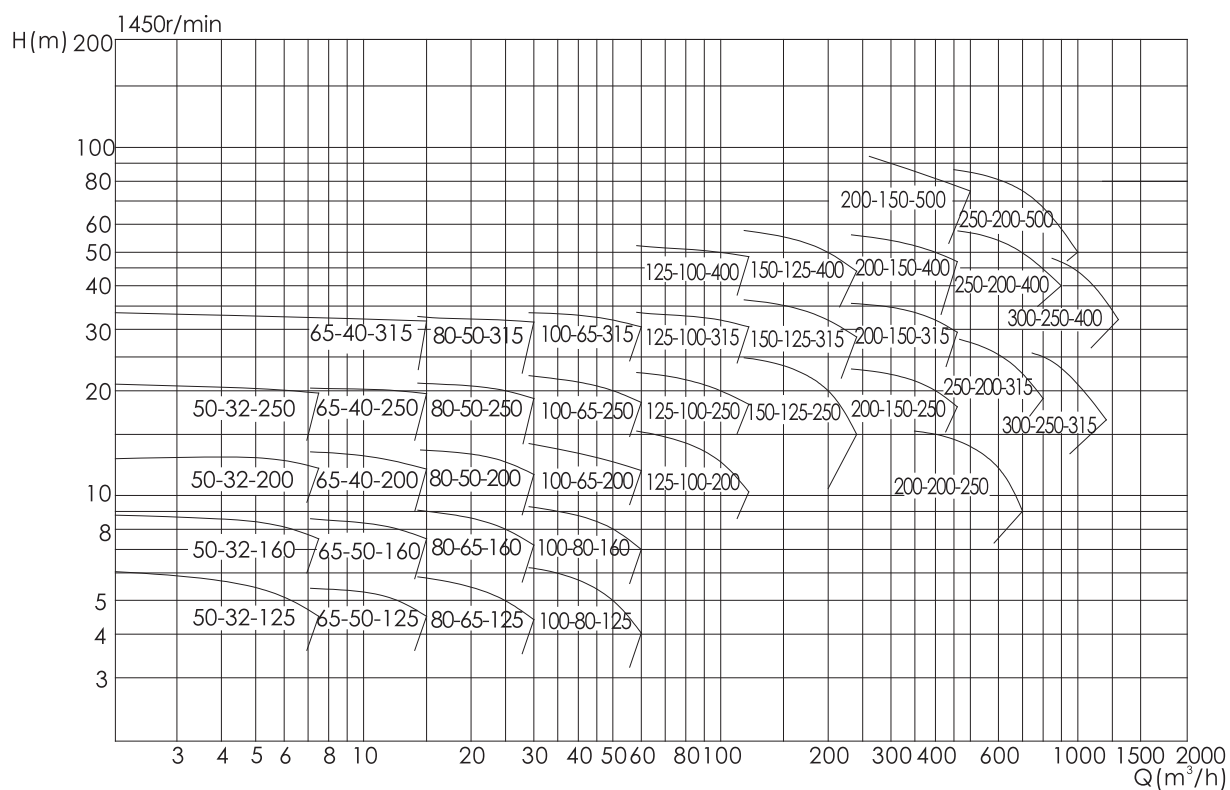
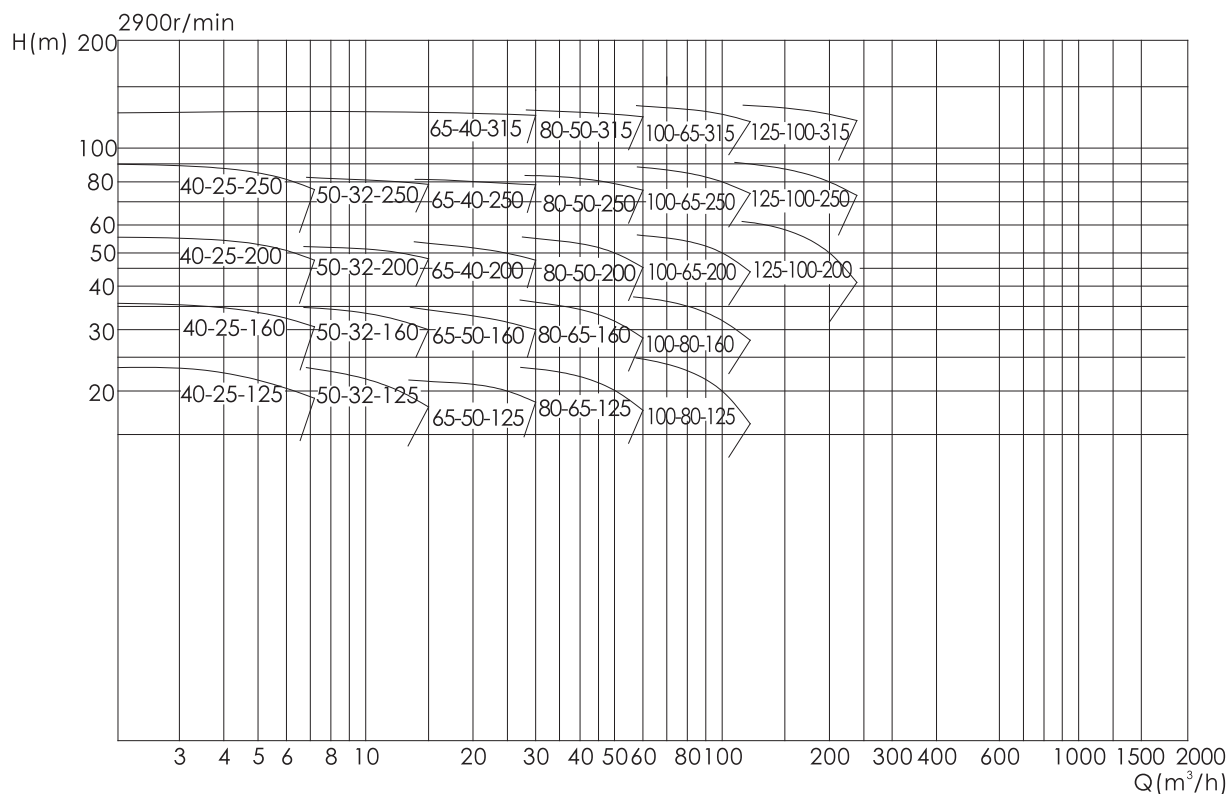
In the fields of petroleum, chemicals, war industry and pharmaceuticals etc., there are often needs to handle some corrosive liquids. For this reason we dedicate ourselves to the development and research of fully sealed, leak-tight and corrosion-resisting centrifugal pumps. Magnetism-driven silent seal technology performs leak-tight seal in pump industry.

Magnetism-driven centrifugal pump (magnetic pump for short) is a late model uses the theory of modern magnetism. The noncontact transfer of torque is actualized by the magnetic force of permanent magnet. Namely, when motor drives outer rotor (outer magnetic steel) assembly rotating, inner rotor (inner magnetic steel) assembly will rotate synchronously with impeller driven by magnetic line of force through spacer sleeve under the function of magnetic field. As medium is closed in the actionless spacer sleeve, leak-tight delivery of medium can be effected, making a new-style industrial pump of full seal and no leakage and pollution, and away from the trouble of leakage at shaft seal borne by mechanical drive pumps.

Magnetic pump is an environmental-friendly solution to the phenomena of bleeding, emitting, dropping and leaking, thus to effect "leak-tight workshop" and "leak-tight factory" for safe and civilized production. They are widely used in the industries of petroleum, chemicals, pharmaceuticals, printing and dyeing, electroplating, foodstuff, environment protection and etc. to handle corrosive liquid not containing scrap irons, especially inflammable, explosive, volatile, toxic and precious liquids.

Using the most superior hydraulic model, all magnetic pumps above are featured by high efficiency, energy saving, steady performance, simple structure, easy installation, small occupation of floor, convenient disassembly and maintenance and low noise, making the preferred product for the industries of petroleum, chemicals, pharmaceuticals, electroplating, electronics, environment protection and etc.

► 型谱图 Collection of characteristic curve



► 性能参数表 Performance data sheet

泵型号 Pump Model	叶轮 型式 Impeller Type	泵额定转速 Pump rated speed n=2900r/min						泵额定转速 Pump rated speed n=1450r/min					
		流量 Q (m³/h)	扬程 H (m)	汽蚀余量 NPSHR (m)	电机功率 Motor power (kW)			流量 Q (m³/h)	扬程 H (m)	汽蚀余量 NPSHR (m)	电机功率 Motor power (kW)		
					比重 Proportion 1.00	比重 Proportion 1.35	比重 Proportion 1.84				比重 Proportion 1.00	比重 Proportion 1.35	比重 Proportion 1.84
CQ50-32-125-IH		12.5	20	2.5	3.0	4.0	5.5	6.3	5	2.5	0.55	0.75	1.1
	A	11.3	16.4		2.2	2.2	3	5.7	4.1		0.55	0.55	0.75
CQ50-32-160-IH		12.5	32		4.0	5.5	7.5	6.3	8		0.75	1.1	1.1
	A	11.3	26.4		3.0	4.0	5.5	5.7	6.6		0.55	0.75	1.1
	B	10.5	22		3.0	4.0	5.5	5.3	5.5		0.55	0.55	0.75
CQ50-32-200-IH		12.5	50		7.5	11	15	6.3	12.5		1.1	1.5	2.2
	A	11.3	41		5.5	7.5	11	5.7	10.3		1.1	1.1	1.5
	B	10.5	35.5		5.5	7.5	11	5.3	9		0.75	1.1	1.5
CQ50-32-250-IH		12.5	80		15	18.5	22	6.3	20		2.2	3.0	4.0
	A	11.7	70		11	15	22	5.9	17.5		2.2	3.0	4.0
	B	11	62		11	15	18.5	5.5	15.5		2.2	3.0	4.0
CQ65-50-125-IH		25	20		4.0	5.5	7.5	12.5	5		0.75	1.1	2.2
	A	22.7	16.5		3.0	4.0	5.5	11.3	4.1		0.55	0.75	1.1
	B	20	13		2.2	3.0	4.0	10	3.2		0.55	0.55	0.75
CQ65-50-160-IH	A	25	32		7.5	11	15	12.5	8		1.1	1.5	2.2
	B	22.7	26.5		5.5	7.5	11	11.3	6.6		0.75	1.1	1.5
		21	22.5		4	5.5	7.5	10.5	5.6		0.75	0.75	1.1
CQ65-40-200-IH	A	25	50	2.5	15	15	18.5	12.5	12.5	2.5	2.2	2.2	3.0
	B	23.4	44		11	15	18.5	11.7	11		1.5	2.2	2.2
		21	36		7.5	11	15	10.5	9		1.1	1.5	2.2

► 性能参数表 Performance data sheet

泵型号 Pump Model	叶轮 型式 Impeller Type	泵额定转速 Pump rated speed n=2900r/min						泵额定转速 Pump rated speed n=1450r/min					
		流量 Q (m³/h)	扬程 H (m)	汽蚀余量 NPSHR (m)	电机功率 Motor power (kW)			流量 Q (m³/h)	扬程 H (m)	汽蚀余量 NPSHR (m)	电机功率 Motor power (kW)		
					比重 Proportion 1.00	比重 Proportion 1.35	比重 Proportion 1.84				比重 Proportion 1.00	比重 Proportion 1.35	比重 Proportion 1.84
CQ65-40-250-IH		25	80	2.5	22	30	37	12.5	20	2.5	3.0	4.0	5.5
	A	23.4	70		22	30	37	11.7	17.5		3.0	4.0	5.5
	B	22	61.8		15	22	30	11	15.5		3.0	3.0	4.0
CQ65-40-315-IH		25	125	2.5	37	45	55	12.5	32	2.5	5.5	7.5	11
	A	23.4	109.5		30	37	55	11.7	27.4		5.5	7.5	11
	B	22	96.5		22	30	45	11	24.1		5.5	7.5	11
	C	20.5	84.1		22	30	37	10.3	21		5.5	7.5	11
CQ80-65-125-IH		50	20	3.5	7.5	11	15	25	5	3.0	1.1	1.5	2.2
	A	45.3	16.5		5.5	7.5	11	22.6	4.1		0.75	1.1	1.5
	B	42	14.5		5.5	7.5	11	21	3.6		0.75	1.1	1.5
CQ80-65-160-IH		50	32	3.0	15	15	18.5	28	8		1.5	2.2	3.0
	A	45.4	26.4		11	15	18.5	22.7	6.6		1.1	1.5	2.2
	B	40.5	21.5		7.5	11	15	20.3	5.4		1.1	1.5	1.5
CQ80-50-200-IH		50	50		18.5	22	30	25	12.5	2.5	3.0	4.0	5.5
	A	45.4	41		15	18.5	22	22.7	10.3		2.2	3.0	4.0
	B	40.5	32.5		11	15	18.5	20.3	8.1		1.5	2.2	3.0
CQ80-50-250-IH		50	80		37	45	55	25	20		5.5	7.5	11
	A	46.9	70.5		30	45	55	23.5	17.6		4.0	5.5	7.5
	B	44	62.2		22	30	37	22	15.6		4.0	5.5	7.5

► 性能参数表 Performance data sheet

泵型号 Pump Model	叶轮 型式 Impeller Type	泵额定转速 Pump rated speed n=2900r/min						泵额定转速 Pump rated speed n=1450r/min					
		流量 Q (m³/h)	扬程 H (m)	汽蚀余量 NPSHR (m)	电机功率 Motor power (kW)			流量 Q (m³/h)	扬程 H (m)	汽蚀余量 NPSHR (m)	电机功率 Motor power (kW)		
					比重 Proportion 1.00	比重 Proportion 1.35	比重 Proportion 1.84				比重 Proportion 1.00	比重 Proportion 1.35	比重 Proportion 1.84
CQ80-50-315-IH		50	125	2.5	55	75	90	25	32	2.5	7.5	11	15
	A	46.9	110		45	75	90	23.5	28		7.5	11	15
	B	44	97		45	55	75	22	24.5		5.5	7.5	11
	C	39	77		30	37	45	19.5	19.5		4.0	5.5	5.5
CQ100-80-125-IH	A	100	20	5.0	15	18.5	22	50	5	4.0	2.2	3.0	4.0
		91.8	16.8		11	15	18.5	45.9	4.2		1.5	2.2	3.0
CQ100-80-160-IH		100	32		18.5	22	30	50	8		3.0	4.0	5.5
	A	91	26.5		15	18.5	30	45.5	6.6		2.2	3.0	4.0
	B	78.5	19.5		11	15	18.5	37.3	4.9		1.5	2.2	3.0
CQ100-65-200-IH		100	50		30	37	55	50	12.5	3.0	5.5	7.5	11
	A	91	41.5		22	30	45	45.5	10.4		4.0	5.5	7.5
	B	86.5	35		18.5	30	37	43.3	8.8		3.0	4.0	5.5
CQ100-65-250-IH		100	80		55	75	90	50	20		7.5	11	15
	A	93.5	70		45	55	75	46.8	17.5		7.5	11	15
	B	87.8	61.7		37	45	75	43.9	15.4		5.5	7.5	11
CQ100-65-315-IH		100	125	3.8	90	110	132	50	32	2.5	15	18.5	22
	A	93.5	109		75	90	110	46.8	28		15	15	18.5
	B	87.8	97		55	75	110	43.9	24.3		11	15	18.5
	C	83	86.1		45	75	90	41.5	21.5		7.5	11	15

► 性能参数表 Performance data sheet

泵型号 Pump Model	叶轮 型式 Impeller Type	泵额定转速 Pump rated speed n=2900r/min						泵额定转速 Pump rated speed n=1450r/min					
		流量 Q (m³/h)	扬程 H (m)	汽蚀余量 NPSHR (m)	电机功率 Motor power (kW)			流量 Q (m³/h)	扬程 H (m)	汽蚀余量 NPSHR (m)	电机功率 Motor power (kW)		
					比重 Proportion 1.00	比重 Proportion 1.35	比重 Proportion 1.84				比重 Proportion 1.00	比重 Proportion 1.35	比重 Proportion 1.84
CQ125-100-200-IH		200	50	5.5	55	75	90	100	12.5	3.5	11	15	15
	A	182	41.4		45	55	75	91	10.4		7.5	11	15
	B	166	34		37	45	55	83	8.5		5.5	7.5	11
CQ125-100-250-IH		200	80	5.0	90	110	160	100	20	3.5	15	18.5	22
	A	186.5	69.5		75	90	132	93.5	17.5		11	15	18.5
	B	175.5	61.5		75	90	110	87.8	15.4		11	15	18.5
	C	159	50.5		55	75	90	79.5	12.6		7.5	11	15
CQ125-100-315-IH		200	125		132	185	250	100	32		22	30	37
	A	186.5	110		110	160	200	93.5	27.5		18.5	22	37
	B	175.5	97		90	132	185	87.8	24.5		15	18.5	30
	C	164.5	84.5		90	110	160	82.3	21.5		15	18.5	22
CQ125-100-400-IH								100	50	3.0	37	45	55
	A							93	50		37	45	55
	B							87.8	43.2		37	45	55
	C							81.5	38.5		30	37	45
CQ150-125-250-IH								200	20	3.5	22	30	37
	A							182	16.5		18.5	22	30
	B							170	14.5		15	18.5	30
CQ150-125-315-IH								200	32		37	45	75
	A							182	25.5		30	37	45
	B							170	23.1		22	30	37

► 性能参数表 Performance data sheet

泵型号 Pump Model	叶轮 型式 Impeller Type	泵额定转速 Pump rated speed n=2900r/min						泵额定转速 Pump rated speed n=1450r/min					
		流量 Q (m³/h)	扬程 H (m)	汽蚀余量 NPSHR (m)	电机功率 Motor power (kW)			流量 Q (m³/h)	扬程 H (m)	汽蚀余量 NPSHR (m)	电机功率 Motor power (kW)		
					比重 Proportion 1.00	比重 Proportion 1.35	比重 Proportion 1.84				比重 Proportion 1.00	比重 Proportion 1.35	比重 Proportion 1.84
CQ150-125-400-IH								200	50	3.0	55	90	110
	A							182	41		45	55	90
	B							170	36.1		37	55	75
	C							160	32		37	45	55
CQ200-150-250-IH								400	20	4.5	45	55	90
	A							363.5	16.5		37	45	55
	B							340	14.5		30	37	55
CQ200-150-315-IH								400	32	4.0	75	90	110
	A							363.5	25.5		45	75	90
	B							340	23.1		45	55	90
CQ200-150-400-IH								400	50		110	132	185
	A							363.5	41		90	110	132
	B							340	36.1		75	90	110
	C							320	32		55	90	110