

2002

Establishment

Entrance into Khorasan Science & Technology Park knowledge-based company in the field of Oil, Gas and Petrochemical industries

2003

Manufacture of

Integrally-geared

Critical Spare

High-speed

Pumps and

Compressors

High-pressure

Parts of

Manufacture & Development of Reducers Gearboxs through research and field studies of similar designs

2002

2004

Manufacture and Development of Complete Assembly of Integrally-geared High-speed High-pressure Pumps (API 610 - OH6) through research and field studies of similar designs

2007

2006

Manufacture &

Development of

Integrally-geared

High-speed

designs

Complete Assembly of

Compressors (API 617)

through research and

field studies of similar

Improvement of Supply Chain Management (SCM) and Production Chain Management (PCM) through Domestic and Global sub-contractors Development of Research & **Development Department**

2009

Signing the First Open Order Contract with a large state-owned company for High-speed High-pressure OH6 Pumps of several Petrochemical Companies

Foundation of multipurpose Test Unit of High-speed High-pressure Pumps

2008

2013

ISO Certified Starting manufacture project of Multistage High-speed integrally-geared Compressor through research and field studies of similar designs

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Future will never be the same in KSTC...

2012

Consolidation of High-speed integrally-geared Compressors' Design Knowledge (API 617). Manufacture & Development of High-speed High-pressure integrally-geared Compressors (API 617) completely based on design approach. stablishment of Engineering & Technical After-sales Services Center in Mahshahr PETZONE (Petrochemical Special Economic Zone)

2015

Beginning of "In-All-Areas Development Plan" (Organizational, Commercial, and

2010

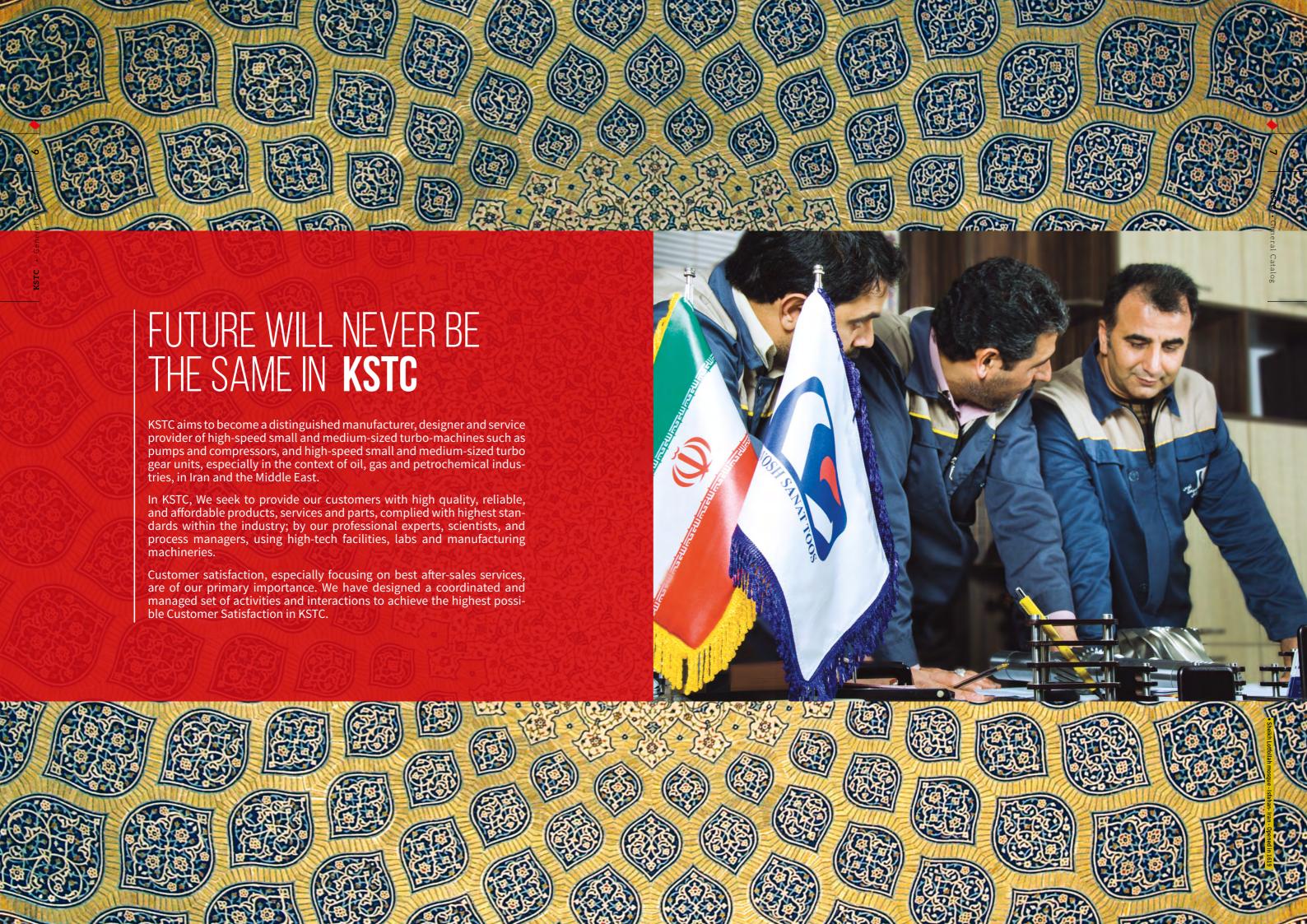
Consolidation of High-speed High-pressure integrally-geared Pumps' Design Knowledge (API 610 – OH6)

Manufacture and Development of OH6 Pumps completely based on design approach

2014

Establishment of Engineering & Technical After-sales Services Center in PSEEZ, Asaluyeh (Pars Special Energy Economical

KSTC BIG EVENTS







Headquarter & Manufacturing PlantsKhorasan Science & Technology Park, 91735-813 Mashhad, Iran
Tel: +98 51 3542 1701 to 5 Fax: +98 51 3542 1706 Email: info@kstc.ir

Commercial & Engineering Support Office

Tehran, Iran
Tel: +98 915 923 4079 Email: com@kstc.ir

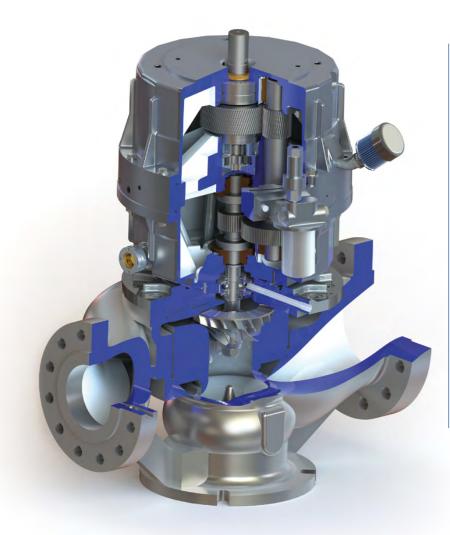
Mahshahr Engineering & Technical After-sales Service Center
Talash No. 3 Workshops Complex, No. 1 Site, Petrochemical Special
Economic Zone of Bandar Imam (Petzone), Mahshahr, Khouzestan, Iran
Tel: +98 61 5211 2965 to 6 Email: com@kstc.ir, info@kstc.ir

Asaluyeh Engineering & Technical After-sales Service Center Pars Special Economic Energy Zone (PSEEZ), Asaluyeh, Bushehr, Iran Tel: +98 51 3542 1701 to 5 Email: com@kstc.ir, info@kstc.ir



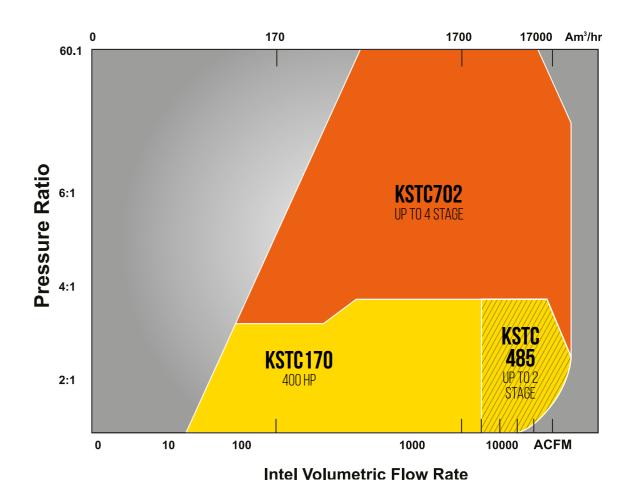
HIGH-SPEED CENTRIFUGAL COMPRESSORS

(SINGLE/MULTI-STAGE)



KSTC designs and manufactures single-stage and multi-stage compressors complied with API 617 and complied with API 617 and API 672 standards. ,Using the advanced machinery and equipment side by side with technical and technological knowledge, based upon the latest designing methods and designing-from-scratch, have led KSTC to be present in the latest and the most in the latest and the most up-to-date realm of the turbomachinery. These compressors are primarily used for continuous, stationary service in the oil refineries, chemical and petrochemical plants and natural gas processing plants. Their applica-tion can be from 100 to 4,000 hp (75 to 3,000 kW). Multiple compressors chained together can achieve extremely high output pressures up to 4,000 psia (350 bara).

KSTC COMPRESSOR PERFORMANCE ENVELOPE



KSTC COMPRESSORS TYPICAL SERVICES AND APPLICATIONS

Acetic Acid	Desulfurization	HC Boost	Pipeline Booster
 Acetylene 	Ethylene	Hydrocarbon Processing	 Polypropylene
Ammonia	 Evaporators 	Hydrogen	 Power Generation
Atomizing Air	Flue Gas Desulphurization	Lift Gas	 Purge Gas
Butane	Fuel Gas	MTBE Replacement	 Recycle
Chemical Processing	Gas Boost	Natural Gas	 Refrigeration
Chemical Transfer	Gas Production	Natural Gas Extraction	 Regeneration
Chlorine	Gasification	Nitrogen	 Stripper Overhead
Clean Fuels	General Processing Industry	• OEM	 Vapor Recovery
Corrosive Gases	H2S Wet Gas	Petroleum Production and Refining	Waste Gas

Туре	High-Speed Integrally Geared Single-Stage Centrifugal Compressor
Flow Rate	up to 1,450 am3/hr (up to 850 acfm)
Max. Power Required	150 kW (200 hp)
Max. Working Pressure	100 bar (1,400 psi)
Speed Range	max. 33,600 rpm
Mounting Configuration	Vertical, Horizontal
Suction and Discharge Flanges	3"x2", 600# or other ratings (ANSI RE

KSTC 140/240 KSTC 166/266

Туре	High-Speed Integrally Geared Single-Stage Centrifugal Compressor
Flow Rate	6030 am3/hr (3550 acfm)
Max. Power Required	300 kW (400 hp)
Max. Working Pressure	70 bar (1000 psi)
Speed Range	max. 33,600 rpm
Mounting Configuration	Vertical, Horizontal
Suction and Discharge Flanges	8"x6". 600# or other ratings (ANSI RF)

KSTC 142/242

Туре	High-Speed Integrally Geared Single-Stage Centrifugal Compressor
Flow Rate	3570 am3/hr (2100 acfm)
Max. Power Required	150 kW (200 hp)
Max. Working Pressure	70 bar (1000 psi)
Speed Range	max. 33,600 rpm
Mounting Configuration	Vertical, Horizontal
Suction and Discharge Flanges	6"x4", 600# or other ratings (ANSI RF)

KSTC 170/270

Flow Rate 1450 Max. Power Required 335	e-Stage Centrifugal Compressor am3/hr (850 acfm)
Max. Power Required 335	
·	
Max. Working Pressure 100	W (450 hp) ar (1400 psi)
Speed Range max	33,600 rpm
	al, Horizontal
Suction and Discharge Flanges 3"x2	al, nurizurlal

KSTC 146/246 KSTC 172/272

Туре	High-Speed Integrally Geared Single-Stage Centrifugal Compressor
Flow Rate	6000 am3/hr (3,500 acfm)
Max. Power Required	150 kW (200 hp)
Max. Working Pressure	70 bar (1000 psi)
Speed Range	max. 33,600 rpm
Mounting Configuration	Vertical, Horizontal
Suction and Discharge Flanges	8"x6", 600# or other ratings (ANSI RF)

Туре	High-Speed Integrally Geared Single-Stage Centrifugal Compressor
Flow Rate	3570 am3/hr (2100 acfm)
Max. Power Required	335 kW (450 hp)
Max. Working Pressure	70 bar (1000 psi)
Speed Range	max. 33,600 rpm
Mounting Configuration	Vertical, Horizontal
Suction and Discharge Flanges	6"x4", 600# or other ratings (ANSI RF)

KSTC 160/260

Туре	High-Speed Integrally Geared Single-Stage Centrifugal Compressor
Flow Rate	1450 am3/hr (850 acfm)
Max. Power Required	300 kW (400 hp)
Max. Working Pressure	100 bar (1400 psi)
Speed Range	max. 33,600 rpm
Mounting Configuration	Vertical, Horizontal
Suction and Discharge Flanges	3"x2", 600# or other ratings (ANSI RF)

...... KSTC420

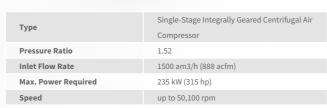
Туре	High-Speed Integrally Geared Multi-Stage Centrifugal Compressor
Flow Rate	17000 am3/hr (10000 acfm)
Max. Power Required	3000 kW (4000 hp)
Max. Working Pressure	350 bar (4000 psi)
Speed Range	max. 42,000 rpm
Mounting Configuration	Horizontal
Suction and Discharge Flanges	3-14"x2-12", 150#, 300#, 600# or other ratings (ANSI RF)

KSTC 162/262 KSTC485

Туре	High-Speed Integrally Geared Single-Stage Centrifugal Compressor
Flow Rate	3570 am3/hr (2100 acfm)
Max. Power Required	300 kW (400 hp)
Max. Working Pressure	70 bar (1000 psi)
Speed Range	max. 33,600 rpm
Mounting Configuration	Vertical, Horizontal
Suction and Discharge Flanges	6"x4", 600# or other ratings (ANSI RF)

Туре	High-Speed Integrally Geared Multi-Stage Centrifugal Compressor
Flow Rate	10200 am3/hr (6000 acfm)
Max. Power Required	670 kW (900 hp)
Max. Working Pressure	100 bar (1400 psi)
Speed Range	max. 32,000 rpm
Mounting Configuration	Horizontal
Sustian and Discharge Flanges	4 10"v2 10" 200# 600# (ANCI DE)











COMMERCIAL & SALES ENGINEERING DEPARTMENT

Our Sales engineers try to make and then cement strong professional relationships with customers at high technical and commercial levels to fulfil their special requirements. They are authorized directly from the general manager to push all other departments forward so that the customer's demands are satisfied. Another important mandate of this department is to help with the company's business growth and conducting market research for our latest products and services. In addition, as we are a leading *manufacturer* of Special Process Rotary equipment, this department is able to supply the customers with their demand on a wide variety of API pumps, compressors and gearboxes with after-sales-service by its experts.

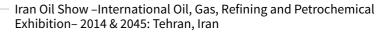
AFTER-SALES SERVICE: WE ARE BESIDE YOU!

KSTC after-sales service centers are directly supervised by Commercial & Sales Engineering Department. In order to enable end users to have easier and faster access to our after-sales service, technical support and facilities, we have established other workshops in country's major Oil centers and Petrochemical Industry's poles which are located at Mahshahr Petzone and **PSEEZ** (Pars Special Energy Economical Zone in Asaluyeh).





CIPPE - China International Petroleum & Petrochemical Technology and Equipment Exhibition - 2013: Shanghai & 2014: Beijing





Metalloobrabotka –International Specialized Equipment, Instruments and Tools for the Metalworking Industry- 2015: Moscow, Russia



ADIPEC - Abu Dhabi International Petroleum Exhibition & Conference - 2014 & 2015: Abu Dhabi, UAE

صنعت نفت خوزستان Khuzestan Oil, Gas, Petrochemical and Drilling Exhibition-2011 & 2012: Iran



IRAN PROJECT 2015



Science to Practice Festival - 2011: Tehran, Iran

Iran Solo Exhibition; Building, Electricity, Oil and Gas-2015: Ashgabat, Turkmenistan



Shanghai Tube Expo-2012: Shanghai, China



Shanghai Metal Expo-2012: Shanghai, China



International Machinery Parts and Assemblies-2012: China



Gear China-2012: Shanghai, China



Iran Solo Exhibition; Building, Electricity, Oil and Gas-

2015: Muscat, Oman



Kish ENEX -Energy Exhibition - 2013: Kish Island, Iran



NAFTEGAZ International Exhibition – Equipment and Technologies for Oil and Gas industries –2016: Moscow, Russia



STOCK AND PACKAGING

All parts and equipment, produced in the factory or assembled as the final product, are stored based on our ISO system in Stock & Packaging Section. Moreover, parts are kept with Shell standard system of MESC coding pattern as well as our internal coding system (KST Code)

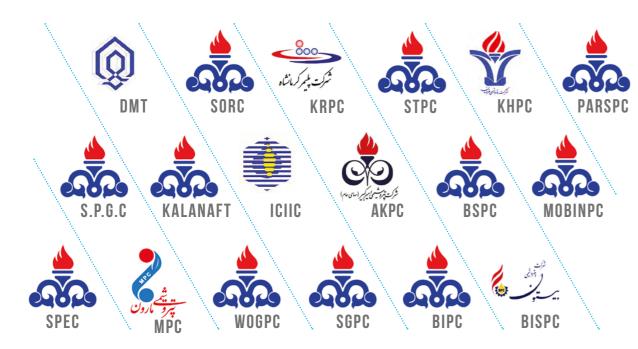


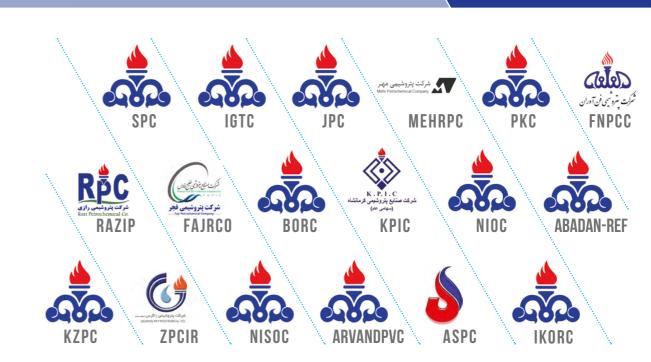
With the aim of managing technical documentation a separate unit has been established for coding all parts and products. Any product is defined with a unique internal code (named KST Code) based on a fixed pattern. Furthermore, in order to establish and maintain effective and fast communications with our customers, cross-reference tables have been created which are on correspondence with other coding systems in oil, gas and petrochemical industries, especially MESC, that are being updated continuously. This system facilitates ordering process as well as identifying customer's needs based on the codes they use.





KSTC CUSTOMERS







KSTC CERTIFICATES



Certificate of Membership in SIPIEM (Society of Iranian Petroleum Industries Equipment Manufactur

Certificate of Reducing Dependency upon Foreign Leading Manufacturers







Perfomance Certificate of KSTC in Khalij Fars Petrochemical Co.









Membership Confirmation of KSTC ir Approved Vendor List (AVL) of KHP (Khorasan Petrochemical Company)

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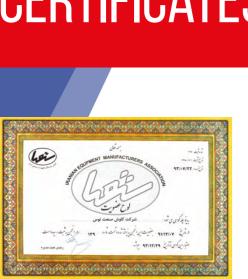


VENDOR LIST

45,5,40 : 02 44964 119 - 5-44

شخصات لکمیلی آن شوکت در لیست تامین کنندگان شرکت پتروشیمی خراسان با مسئول واقع لبت كرديد الاز مجاول است هر كونه ليسرات شركت فودا قبل (وست فعاليت، آدرس، شعارهاي تعامي و ...) وا در اسرع وقت اعلام نطاليد، همچنين ليرماه هر سال آخرين اعلامات خود را جهت ادامه همكاري به اين امور ارسال فرماليد.













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ISOTS29001-2010

FUTURE WILL NEVER BE THE SAME IN KSTC





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