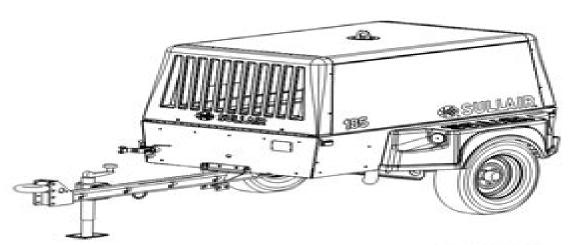


PORTABLE AIR COMPRESSOR 125, 130, 49HP and 185

CATERPILLAR, DEUTZ AND JOHN DEERE



WARRANTY NOTICE

Failure to follow the instructions and procedures in this manual or, misuse of this equipment will VOID its warranty!

PART NUMBER: 02250174-684 R01

KEEP FOR FUTURE REFERENCE

*SULLAIR CORPORATION

The information in this manual is current as of its publication date, and applies to compressor serial number:

200803010000

and all subsequent serial numbers.

Sullair Sk 55 Compressor Manual

Jiyuan Zhang

Sullair Sk 55 Compressor Manual:

Ignite the flame of optimism with is motivational masterpiece, **Sullair Sk 55 Compressor Manual**. In a downloadable PDF format (*), this ebook is a beacon of encouragement. Download now and let the words propel you towards a brighter, more motivated tomorrow.

 $\frac{https://hersolutiongelbuy.com/results/book-search/HomePages/note\%20taking\%20guide\%20episode\%20401\%20physicsfundamentals\%20answers.pdf$

Table of Contents Sullair Sk 55 Compressor Manual

- 1. Understanding the eBook Sullair Sk 55 Compressor Manual
 - The Rise of Digital Reading Sullair Sk 55 Compressor Manual
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Sullair Sk 55 Compressor Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Sullair Sk 55 Compressor Manual
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Sullair Sk 55 Compressor Manual
 - Personalized Recommendations
 - Sullair Sk 55 Compressor Manual User Reviews and Ratings
 - Sullair Sk 55 Compressor Manual and Bestseller Lists
- 5. Accessing Sullair Sk 55 Compressor Manual Free and Paid eBooks
 - Sullair Sk 55 Compressor Manual Public Domain eBooks
 - Sullair Sk 55 Compressor Manual eBook Subscription Services
 - Sullair Sk 55 Compressor Manual Budget-Friendly Options

- 6. Navigating Sullair Sk 55 Compressor Manual eBook Formats
 - o ePub, PDF, MOBI, and More
 - Sullair Sk 55 Compressor Manual Compatibility with Devices
 - Sullair Sk 55 Compressor Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Sullair Sk 55 Compressor Manual
 - Highlighting and Note-Taking Sullair Sk 55 Compressor Manual
 - Interactive Elements Sullair Sk 55 Compressor Manual
- 8. Staying Engaged with Sullair Sk 55 Compressor Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Sullair Sk 55 Compressor Manual
- 9. Balancing eBooks and Physical Books Sullair Sk 55 Compressor Manual
 - Benefits of a Digital Library
 - o Creating a Diverse Reading Collection Sullair Sk 55 Compressor Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Sullair Sk 55 Compressor Manual
 - Setting Reading Goals Sullair Sk 55 Compressor Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Sullair Sk 55 Compressor Manual
 - Fact-Checking eBook Content of Sullair Sk 55 Compressor Manual
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements

• Interactive and Gamified eBooks

Sullair Sk 55 Compressor Manual Introduction

Free PDF Books and Manuals for Download: Unlocking Knowledge at Your Fingertips In todays fast-paced digital age, obtaining valuable knowledge has become easier than ever. Thanks to the internet, a vast array of books and manuals are now available for free download in PDF format. Whether you are a student, professional, or simply an avid reader, this treasure trove of downloadable resources offers a wealth of information, conveniently accessible anytime, anywhere. The advent of online libraries and platforms dedicated to sharing knowledge has revolutionized the way we consume information. No longer confined to physical libraries or bookstores, readers can now access an extensive collection of digital books and manuals with just a few clicks. These resources, available in PDF, Microsoft Word, and PowerPoint formats, cater to a wide range of interests, including literature, technology, science, history, and much more. One notable platform where you can explore and download free Sullair Sk 55 Compressor Manual PDF books and manuals is the internets largest free library. Hosted online, this catalog compiles a vast assortment of documents, making it a veritable goldmine of knowledge. With its easy-to-use website interface and customizable PDF generator, this platform offers a user-friendly experience, allowing individuals to effortlessly navigate and access the information they seek. The availability of free PDF books and manuals on this platform demonstrates its commitment to democratizing education and empowering individuals with the tools needed to succeed in their chosen fields. It allows anyone, regardless of their background or financial limitations, to expand their horizons and gain insights from experts in various disciplines. One of the most significant advantages of downloading PDF books and manuals lies in their portability. Unlike physical copies, digital books can be stored and carried on a single device, such as a tablet or smartphone, saving valuable space and weight. This convenience makes it possible for readers to have their entire library at their fingertips, whether they are commuting, traveling, or simply enjoying a lazy afternoon at home. Additionally, digital files are easily searchable, enabling readers to locate specific information within seconds. With a few keystrokes, users can search for keywords, topics, or phrases, making research and finding relevant information a breeze. This efficiency saves time and effort, streamlining the learning process and allowing individuals to focus on extracting the information they need. Furthermore, the availability of free PDF books and manuals fosters a culture of continuous learning. By removing financial barriers, more people can access educational resources and pursue lifelong learning, contributing to personal growth and professional development. This democratization of knowledge promotes intellectual curiosity and empowers individuals to become lifelong learners, promoting progress and innovation in various fields. It is worth noting that while accessing free Sullair Sk 55 Compressor Manual PDF books and manuals is convenient and cost-effective, it is vital to respect copyright laws and intellectual property rights. Platforms offering free downloads often operate within legal

boundaries, ensuring that the materials they provide are either in the public domain or authorized for distribution. By adhering to copyright laws, users can enjoy the benefits of free access to knowledge while supporting the authors and publishers who make these resources available. In conclusion, the availability of Sullair Sk 55 Compressor Manual free PDF books and manuals for download has revolutionized the way we access and consume knowledge. With just a few clicks, individuals can explore a vast collection of resources across different disciplines, all free of charge. This accessibility empowers individuals to become lifelong learners, contributing to personal growth, professional development, and the advancement of society as a whole. So why not unlock a world of knowledge today? Start exploring the vast sea of free PDF books and manuals waiting to be discovered right at your fingertips.

FAQs About Sullair Sk 55 Compressor Manual Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer webbased readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, guizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Sullair Sk 55 Compressor Manual is one of the best book in our library for free trial. We provide copy of Sullair Sk 55 Compressor Manual in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Sullair Sk 55 Compressor Manual. Where to download Sullair Sk 55 Compressor Manual online for free? Are you looking for Sullair Sk 55 Compressor Manual PDF? This is definitely going to save you time and cash in something you should think about. If you trying to find then search around for online. Without a doubt there are numerous these available and many of them have the freedom. However without doubt you receive whatever you purchase. An alternate way to get ideas is always to check another Sullair Sk 55 Compressor Manual. This method for see exactly what may be included and adopt these ideas to your book. This site will almost certainly help you save time and effort, money and stress. If you are looking for free books then you really should consider finding to assist you try this. Several of Sullair Sk 55 Compressor Manual are for sale to free while some are payable. If you arent sure if the books you would like to download works with for usage along with your computer, it is possible to download free trials. The

free guides make it easy for someone to free access online library for download books to your device. You can get free download on free trial for lots of books categories. Our library is the biggest of these that have literally hundreds of thousands of different products categories represented. You will also see that there are specific sites categories represented. product types or categories, brands or niches related with Sullair Sk 55 Compressor Manual. So depending on what exactly you are searching, you will be able to choose e books to suit your own need. Need to access completely for Campbell Biology Seventh Edition book? Access Ebook without any digging. And by having access to our ebook online or by storing it on your computer, you have convenient answers with Sullair Sk 55 Compressor Manual To get started finding Sullair Sk 55 Compressor Manual, you are right to find our website which has a comprehensive collection of books online. Our library is the biggest of these that have literally hundreds of thousands of different products represented. You will also see that there are specific sites catered to different categories or niches related with Sullair Sk 55 Compressor Manual So depending on what exactly you are searching, you will be able to choose ebook to suit your own need. Thank you for reading Sullair Sk 55 Compressor Manual. Maybe you have knowledge that, people have search numerous times for their favorite readings like this Sullair Sk 55 Compressor Manual, but end up in harmful downloads. Rather than reading a good book with a cup of coffee in the afternoon, instead they juggled with some harmful bugs inside their laptop. Sullair Sk 55 Compressor Manual is available in our book collection an online access to it is set as public so you can download it instantly. Our digital library spans in multiple locations, allowing you to get the most less latency time to download any of our books like this one. Merely said, Sullair Sk 55 Compressor Manual is universally compatible with any devices to read.

Find Sullair Sk 55 Compressor Manual:

note taking guide episode 401 physicsfundamentals answers nov 1paper 3a level maths
not angka lagu john legend all of me
november 2012 sepedi grade11 paper 1
notification no 36 2012 service tax
not so bad vol 1
nov 2014 2h maths
notes for a perspective on beauty and art
november 2013 geography paper 1 grade 11 ldoe
northwest maths gradememo 2014
november 2013 gauteng physics paper grade 11

note 3 user manual

november 2013 mathematics question paper and memo

nous sommes jeunes nous sommes fiers documents

november 2013 maths lit paper 2 memo

Sullair Sk 55 Compressor Manual:

ib chemistry hl past papers 2 biochem tuition - Nov 04 2022

web jun 6 2020 for news offers updates and more ib chemistry hl past papers 2 specialist ib biology chemistry maths and physics tuition through bespoke notes worksheets and past exam paper practice

may 2022 chemistry higher level paper 2 archive org - Aug 01 2022

web subject details chemistry higher paper 2 markscheme candidates are required to answer all questions maximum total 90 marks each row in the question column relates to the smallest subpart of the question the maximum mark for each question subpart is indicated in the total column

chemistry candidate session number higher level paper - Mar 08 2023

web m12 4 chemi hp2 eng tz2 xx tuesday 8 may 2012 afternoon chemistry higher level paper 2 instructions to candidates write your session number in the boxes above do not open this examination paper until instructed to do so section a answer all questions section b answer two questions write your answers in the

chemistry hl paper 3 tz2 markscheme cyberlab sutd edu sg - Jan 06 2023

web chemistry hl paper 3 tz2 markscheme mathematics for the ib diploma applications and interpretation hl jan 29 2022 enable students to construct mathematical models by exploring challenging problems and the use of technology engage and excite students with examples and photos of maths in the real world plus

ib questionbank - Sep 14 2023

web may 2012 marks available 2 reference code 12m 2 hl tz2 3 level hl paper 2 time zone tz2 command term explain question number 3 adapted from n a question lattice enthalpies can be determined experimentally using a born haber cycle and theoretically using calculations based on electrostatic principles printed for ib

ib chemistry hl past papers last 10 years updated 2022 - Oct 15 2023

web practice ib chemistry hl past papers at iitianacademy detailed solution prepared by ib physics teachers and subject matter experts

ib chemistry hl paper 3 tz2 2012 pdf cyberlab sutd edu sg - Apr 09 2023

web ib chemistry hl paper 3 tz2 2012 topics in contemporary mathematics oct 21 2020 written for the math for liberal arts

course topics in contemporary mathematics helps students see math at work in the world by presenting problem solving in purposeful and meaningful contexts

ib dp chemistry higher level hl question bank with solution paper 3 - Jul 12 2023

web topic 1 stoichiometric relationships 1 1 introduction to the particulate nature of matter and chemical change 1 2 the mole concept 1 3 reacting masses and volumes topic 2 atomic structure 2 1 the nuclear atom 2 2 electron configuration topic 3 periodicity 3 1 periodic table 3 2 periodic trends topic 4 chemical bonding and structure

may 2012 chemistry higher level paper 2 archive org - Feb 07 2023

web 7 if a candidate has attempted more than the required number of questions within a paper or section of a paper mark all the answers scoris will only award the highest mark or marks in line with the rubric

international baccalaureate organization 202 archive org - Dec 05 2022

web may 18 2022 y do not open this examination paper until instructed to do so y answer all questions y answers must be written within the answer boxes provided y a calculator is required for this paper y a clean copy of the chemistry data booklet is required for this paper y the maximum mark for this examination paper is 90 marks 20ep01

markscheme free exam papers - Oct 03 2022

web subject details chemistry hl paper 2 markscheme mark allocation candidates are required to answer all questions in section a 40 marks and two questions in

ib chemistry hl paper 3 tz2 2012 pdf devgts enel - Apr 28 2022

web list of file ib chemistry hl paper 3 tz2 2012 page title 1 chemistry for the ib diploma 2 theoretical chemistry accounts 3 chemistry of modern papermaking 4 organic structures from spectra 5 chemistry higher sqa past papers 6 chemistry and significance of condensed tannins 7 paper chemistry 8 landmark papers in clinical chemistry

atomic struture hl mcg ib chemistry past papers solutions - May 30 2022

web ib chemistry past paper solutions ib chemistry sl paper 1 solution ib chemistry sl paper solution chemistry sl paper 1 solution chemistry hl topic wise mcq t2 as 19 16 qp1 t2 as 19 16 ms1 about faqs contact testimonials menu about faqs contact testimonials

ib chemistry hl 2024 past papers revision village - Jun 11 2023

web official past paper video solutions for ib chemistry hl higher level 2024 best ib chemistry hl 2024 resource in 2023 november 2023 prediction exams and may 2023 past paper solutions available now

ib chemistry hl paper 3 tz2 2012 full pdf ai classmonitor - Jun 30 2022

web ib chemistry hl paper 3 tz2 2012 exam discussion chemistry hl paper 3 ibo cprograma del diploma del bi ib diploma programme n04 4 ib chemistry hl paper 3 the best ib chemistry study guide and notes for sl hl where to find ib chemistry past

papers free and official chemistry hl paper 3 section a ibo

ib chemistry hl paper 3 tz2 2012 pdf uniport edu - Mar 28 2022

web apr 6 2023 this ib chemistry hl paper 3 tz2 2012 as one of the most full of zip sellers here will very be in the midst of the best options to review mathematics michael hease 2019

markscheme free exam papers - Sep 02 2022

web m13 4 chemi hp3 eng tz2 xx m 24 pages markscheme may 2013 chemistry higher level paper 3

markscheme free exam papers - Aug 13 2023

web markscheme may 2012 chemistry higher level paper 3 21 pages this markscheme is confidential and for the exclusive use of examiners in this examination session it is the property of the international baccalaureate and must not be reproduced or distributed to any other person without the authorization of ib cardiff

where to find ib chemistry past papers free and official - May 10 2023

web the ib has been diligent about seeking out and destroying illegally uploaded official papers for the past few years so a lot of sources that used to be out there are no longer readily available currently the only free official ib chemistry test legally available is this chemistry hl paper 3

download free chemistry hl paper 3 tz2 markscheme - Feb 24 2022

web the only dp chemistry resource that includes support directly from the ib focused exam practice tok links and real life applications drive achievement the mongols sep 16

power systems mcq free pdf objective question answer for power - Jun 01 2022

web jun 13 2023 get power systems multiple choice questions mcq quiz with answers and detailed solutions download these free power systems mcq quiz pdf and prepare for your upcoming exams like banking ssc railway upsc state psc

electrical engineering mcg questions and answers electrical mcg - Feb 26 2022

web aug 8 2021 hvdc system mcqs induction motor induction motor mcqs lap and wave winding magnetic circuit mcqs measurement measurement and instrumnet mcqs nuclear power plant mcqs potential transformer power factor mcq power generation mcq power system power system mathematical mcqs power system mcq

power system mcg with explanation 2021 electrical exam - Mar 10 2023

web aug 12 2021 ques 1 a shunt reactor at 100 mvar is operated at 98 of its rated voltage and at 96 of its rated frequency the reactive power absorbed by the reactor is 98 mvar 104 02 mvar 96 04 mvar 100 04 mvar show explanation ques 2 a single phase transformer with a 2 kva rating has a 480 v primary and a 120 v secondary

100 power electronics multiple choice questions mcq with answers - Nov 06 2022

web july 7 2021 by watelectronics this article lists 100 power electronics mcqs for engineering students all the power

electronics questions answers given below includes solution and link wherever possible to the relevant topic

100 power systems mcq s with answers for exams interviews - Aug 15 2023

web sep 1 2021 this article lists 100 power systems mcqs for engineering students all the power systems questions answers given below includes solution and link wherever possible to the relevant topic a power system is an environment in which a number of electrical appliances are interconnected to generate transmit and utilize power

power systems mcqs free practice questions answers - Dec 07 2022

web this is a collection of multiple choice questions on the fundamentals of power systems it covers topics such as power system components power system protection power system analysis power system stability and control and renewable energy sources

power system mcq multiple choice questions sanfoundry - May 12 2023

web the section contains power system questions and answers on magneto hydrodynamic and thermoelectric power generation thermionic converter photovoltaic cells fuel cells solar power generation wind and tidal power generation geothermal power generation ocean thermal energy and biomass

power system mcqs with explanations and exam notes electrical mcq - Sep 04 2022

web dec 19 2021 m total number of pv buses m voltage control buses reactive power support buses generator buses except slack bus fixed shunt capacitors are supplying a constant amount of reactive power so that fixed shunt capacitors are considered as load buses or pq buses therefore n 100 and m 35

power system mock test online mcq practice paper - Dec 27 2021

web power system mock test online mcq practice papers have been prepared by electricalunits team for electrical engineer students 10 nos power system mcq have been arranged in the each paper and result will be appeared after submit the power system paper you can also check your previous practice results by login your account

power system mcqs multiple choice questions on power systems - Feb 09 2023

web jul 8 2021 correct answer 3 daily average load sum of continuous ratings of all the equipment connected to electric power system is defined as sum of continuous ratings of all the equipment connected to electric power system is defined as \underline{power} system electrical \underline{mcq} - Jul 02 2022

web hvdc system mcqs induction motor induction motor mcqs lap and wave winding magnetic circuit mcqs measurement measurement and instrumnet mcqs nuclear power plant mcqs potential transformer power factor mcq power generation mcq power system power system mathematical mcqs power system mcq power

100 important mcq of power system with explanation 2020 electrical - Apr 30 2022

web may 10 2021 ques 1 a shunt reactor at 100 mvar is operated at 98 of its rated voltage and at 96 of its rated frequency

the reactive power absorbed by the reactor is 98 mvar 104 02 mvar 96 04 mvar 100 04 mvar show explanation ques 2 a single phase transformer with a 2 kva rating has a 480 v primary and a 120 v secondary power systems mcg free pdf objective question answer for power - Mar 30 2022

web jul 25 2023 get power systems multiple choice questions mcq quiz with answers and detailed solutions download these free power systems mcq quiz pdf and prepare for your upcoming exams like banking ssc railway upsc state psc

100 electric power multiple choice questions with answers - Jun 13 2023

web february 10 2023 by wat electrical this article lists 100 electric power mcqs for engineering students all the electric power questions answers given below include a hint and a link wherever possible to the relevant topic

power system mcqs with explanatory answers electrical - Oct 05 2022

web power system mcqs with explanatory answers generation transmission and distribution mcqs with explanatory answers 1 volume of the conductor is inversely proportional to the voltage v half of the voltage v squire of the voltage v 2 none of the above show explanatory answer

power system mcq with answers pdf your electrical guide - Apr 11 2023

web power system mcq with answers pdf 1 a 3 phase 4 wire system is commonly used for a primary distribution b secondary distribution c primary transmission d secondary transmission answer b secondary distribution 2 the rated voltage of a 3 phase power system is given as a rms phase voltage b peak phase voltage

power system mcq with answers your electrical guide - Jul 14 2023

web power system mcq with answers 1 are the conductors which connect the consumer s a terminals to the distribution b distributors c service mains d feeders e none of the above show answer 2 the underground system cannot be operated above a 440 v b 11 kv c 33 kv d 66 kv show answer 3 the usual spans with r c c

electrical engineering multiple choice questions mcqs - Aug 03 2022

web feb 24 2012 electrical4u s mcqs are in a wide range of electrical engineering subjects including analog and digital communications control systems power electronics electric circuits electric machines and much more utilization of electrical energy mcq quiz testbook com - Jan 28 2022

web sep 7 2023 answer detailed solution below option 2 incandescent lamp india s super teachers for all govt exams under one roof free demo classes available enroll for free now utilization of electrical energy question 1 detailed solution concept incandescent lamp is a coiled tungsten filament lamp

power system mcqs with full explanation e book pdf electrical mcq - Jan 08 2023

web jul 15 2021 electrical engineering mcq questions and answers for who prepearing for gate getco pgvcl mgvcl gsecl dgvcl plant operator exams power system mcqs with full explanation e book pdf power system mcqs e book

who is princess eugenie here s what to know today - Feb 15 2023

web may $5\ 2023$ princess eugenie born in 1990 and now 33 is charles niece and a granddaughter of the late queen elizabeth ii her father is the second oldest of elizabeth and the late prince philip s sons

princess eugenie and jack brooksbank expecting second child in - Jan 14 2023

web jan 24 2023 princess eugenie the duke of york s younger daughter and her husband jack brooksbank are expecting their second child due in the summer it has been announced

princess eugenie princesseugenie instagram photos and - Jul 20 2023

web 2m followers 31 following 244 posts see instagram photos and videos from princess eugenie princesseugenie

britain s princess eugenie pregnant with second child cnn - Mar 16 2023

web jan 24 2023 princess eugenie was born on march 23 1990 the princess parents announced their separation when she was two and divorced in 1996 sharing joint custody of eugenie and her older sister beatrice

princess eugenie gives birth to baby boy named ernest george - Aug 21 2023

web jun 5 2023 princess eugenie has given birth to a boy she has announced on instagram the king s niece gave birth to her second child ernest george ronnie brooksbank with husband jack brooksbank on 30 may

princess eugenie pregnant with second child bbc news - May 18 2023

web jan 24 2023 eugenie married jack brooksbank in 2018 and their son august philip hawke brooksbank was born in february 2021 the family are delighted and august is very much looking forward to being a big

princess eugenie gives birth to baby boy bbc news - Sep 22 2023

web feb 9 2021 princess eugenie the queen s grand daughter has given birth to a baby boy buckingham palace has announced the royal baby who is the queen s ninth great grandchild and 11th in line to the

princess eugenie wikipedia - Oct 23 2023

web princess eugenie mrs jack brooksbank ' ju: 3 entsquare n i yoo zhentsquare nee eugenie victoria helena born 23 march 1990 is a member of the british royal family she is the younger daughter of prince andrew duke of york and sarah duchess of york she is a niece of king charles iii at birth she was 6th in the line of succession to the british throne and is

who is princess eugenie 8 facts to know about the royal harper s bazaar - Jun 19 2023

web apr 24 2023 she is married to jack brooksbank eugenie married her longtime boyfriend jack brooksbank at st george s chapel the same venue as harry and meghan s wedding on october 12 2018 the couple

britain s princess eugenie announces birth of second child - Apr 17 2023

web jun 6 2023 eugenie was born on march 23 1990 the princess parents announced their separation when she was two and divorced in 1996 sharing joint custody of eugenie and her older sister beatrice

Sullair Sk 5	Compressor	Manual
--------------	-------------------	--------