

☐

I'm not robot


reCAPTCHA

I'm not robot!

Dynex hydraulic pump manual

© 2023 Dynex/Rivett Inc. All Rights Reserved. Home / Pumps / Fixed Displacement Pumps / PF1000 Series PumpsDYNEX PF1000 SERIES FIXED DISPLACEMENT CHECKBALL PUMPS1.5 to 4.1 gpm (5.7 to 15.5 L/min) at 1800 rpm 6000 psi (420 bar) - 10 000 psi (700 bar)Bi-directional rotation providing constant flow direction regardless of drive shaft rotation.Shaft Options: Standard keyed, Optional spline.Seal Options: Standard Fluorocarbon, Optional EPR seals for use with some phosphate ester fluids, or Fluorocarbon with high pressure shaft seal.Split-Flow® models can supply multiple, independent flows from one pump! Multiple flows are achieved by combining the output of individual pistons in various combinations (up to one outlet per piston). This pump has 4 pistons. Product Specifications Literature 3D Model Service Information Reviews (0) Output flow based on typical performance at rated pressure (ISO 32 oil at 120° F).Ratings for keyed shaft only. Refer to "SAE A Spline Shaft" table on page 3 of Engineering Specifications for spline shaft pressure ratings.Contact the Sales department for applications requiring operation above rated speed. High speed operation may require a pressurized inlet. Refer to " Minimum Inlet Conditions" table on page 2 of Engineering Specifications. Read more Read more Read more © 2023 Dynex/Rivett Inc. All Rights Reserved. All-Guides Database contains 864 Dynex Manuals (582 Devices) for Free Downloading (PDF). # Model Type of Document 1 Dynex DX-15DVDRDL Manuals Dynex Adapter DX-15DVDRDL Manual (6 pages, 0.12 Mb) 2 Dynex DX-15E220A12 Manuals 3 Dynex DX-16DVDR5 Manuals Dynex Adapter DX-16DVDR5 Manual (6 pages, 0.12 Mb) 4 Dynex DX-18U Manuals 5 Dynex DX 201 - Headphones - Behind-the-neck Manuals Dynex Adapter DX 201 - Headphones - Behind-the-neck Manual (6 pages, 0.12 Mb) 6 Dynex DX24L200A12 Manuals 7 Dynex DX-24L230A12 Manuals 8 Dynex DX-24LD230A12 Manuals 9 Dynex DX-26L100A13 Manuals 10 Dynex DX-2P2C Manuals Full list of Dynex Adapter Manuals # Model Type of Document 1 Dynex 09-0406 Manuals Dynex Camcorder Accessories 09-0406 Quick setup manual (2 pages, 0.08 Mb) 2 Dynex DX-DA100501 Manuals 3 Dynex DX-DA100502 Manuals Dynex Camcorder Accessories DX-DA100502 Operation & user's manual (44 pages, 3.01 Mb) 4 Dynex DX-MW010 Manuals Dynex Camcorder Accessories DX-MW010 Setup manual (2 pages, 0.21 Mb) 5 Dynex DX-VIDBKT Manuals 6 Dynex DX-VIDLT Manuals Full list of Dynex Camcorder Accessories Manuals # Model Type of Document 1 Dynex DX-CR112 Manuals 2 Dynex DX-CR121 - External USB 2.0 Multifomat Memory Card Reader Manuals Dynex Card Reader DX-CR121 - External USB 2.0 Multifomat Memory Card Reader Operation & user's manual (66 pages, 1.05 Mb) 3 Dynex DX-CR501 - 5-in1 Memory Card Reader/Writer Manuals Dynex Card Reader DX-CR501 - 5-in1 Memory Card Reader/Writer Operation & user's manual (50 pages, 1.38 Mb) 4 Dynex DX-CR6N1 - USB 2.0 Memory Card Reader Manuals 5 Dynex DX-CRCF12 Manuals Dynex Card Reader DX-CRCF12 Operation & user's manual (50 pages, 1.36 Mb) 6 Dynex DX-CRD12 - 174; Internal USB 2.0 Multifomat Media Card Reader Manuals Dynex Card Reader DX-CRD12 - 174; Internal USB 2.0 Multifomat Media Card Reader Operation & user's manual (36 pages, 0.5 Mb) 7 Dynex DX-CRMN1 - Mini Memory Card Reader/Writer Manuals Full list of Dynex Card Reader Manuals # Model Type of Document 1 Dynex DX-AD113 Manuals 2 Dynex DX-AV100 Manuals Dynex DVD Player DX-AV100 Warranty (6 pages, 0.11 Mb) 3 Dynex DX-AV101 Manuals Dynex DVD Player DX-AV101 Warranty (6 pages, 0.11 Mb) 4 Dynex DX-AV110 - Video/audio Switch Manuals Dynex DVD Player DX-AV110 - Video/audio Switch Warranty (6 pages, 0.11 Mb) 5 Dynex DX-AVS6BK Manuals Dynex DVD Player DX-AVS6BK Warranty (6 pages, 0.11 Mb) 6 Dynex DX-AVS8BK Manuals Dynex DVD Player DX-AVS8BK Warranty (6 pages, 0.11 Mb) 7 Dynex DX-CK2 Manuals Dynex DVD Player DX-CK2 Manual (6 pages, 0.12 Mb) 8 Dynex DX-CVS4 Manuals 9 Dynex DX-D77PDVD Manuals 10 Dynex DX-D9PDVD Manuals Full list of Dynex DVD Player Manuals # Model Type of Document 1 Dynex DX-32L100A11 Manuals 2 Dynex DX-32L130A10 Manuals 3 Dynex DX-37L130A11 Manuals 4 Dynex DX-55L150A11 Manuals 5 Dynex DX-L15-10A - 15" LCD TV Manuals 6 Dynex DX-L19-10A - 19" LCD TV Manuals 7 Dynex DX-L22-10A - 22" LCD TV Manuals 8 Dynex DX-L24-10A Manuals 9 Dynex DX-L26-10A - 26" LCD TV Manuals 10 Dynex DX-L32-10A - 32" LCD TV Manuals Full list of Dynex Flat Panel TV Manuals # Model Type of Document 1 Dynex DX-18U Manuals 2 Dynex DX-28 Manuals Dynex Headphone DX-28 Installation manual (2 pages, 0.1 Mb) 3 Dynex DX-740 Manuals Dynex Headphone DX-740 Quick installation manual (2 pages, 0.11 Mb) 4 Dynex DX-850 Manuals 5 Dynex DX-IPAC2 Manuals Dynex Headphone DX-IPAC2 Operation & user's manual (2 pages, 0.07 Mb) 6 Dynex DX-IPDR2 Manuals 7 Dynex DX-IPDR3 Manuals 8 Dynex DX-IPDR - Digital Player Docking Station Manuals 9 Dynex DX-IPODBD Manuals Dynex Headphone DX-IPODBD Warranty (2 pages, 0.15 Mb) 10 Dynex DX-MP3MT Manuals Full list of Dynex Headphone Manuals # Model Type of Document 1 Dynex DX-CKB102 Manuals 2 Dynex DX-KBOM2 Manuals 3 Dynex DX-MKB101 Manuals Dynex Keyboard DX-MKB101 Operation & user's manual (20 pages, 0.59 Mb) 4 Dynex DX-WDCMBO3 Manuals 5 Dynex DX-WDCMBO - Keyboard And Optical Mouse Wired Manuals 6 Dynex DX WKBD - Multimedia Keyboard Wired Manuals 7 Dynex DX-WKBDSL Manuals Dynex Keyboard DX-WKBDSL Manual (6 pages, 0.12 Mb) 8 Dynex DX-WLCMBO2 Manuals Full list of Dynex Keyboard Manuals # Model Type of Document 1 Dynex DX-15L150A11 Manuals 2 Dynex DX-19E220A12 Manuals Dynex LCD TV DX-19E220A12 Operation & user's manual (50 pages, 23.3 Mb) 3 Dynex DX-19E220A12 Manuals 4 Dynex DX-19L150A11 Manuals 5 Dynex DX-19L200A12 Manuals 6 Dynex DX-19LD150A11 Manuals 7 Dynex DX-22L150A11 Manuals 8 Dynex DX-22LD150A11 Manuals 9 Dynex DX-24E150A11 Manuals 10 Dynex DX-24L150A11 Manuals Full list of Dynex LCD TV Manuals # Model Type of Document 1 Dynex DX-54 Manuals Dynex Microphone DX-54 Quick installation manual (2 pages, 0.12 Mb) 2 Dynex DX-IF101 - 1.44 MB Floppy Disk Drive Manuals Dynex Microphone DX-IF101 - 1.44 MB Floppy Disk Drive Quick installation manual (2 pages, 0.12 Mb) 3 Dynex DX-M1113 - Hands-Free Wireless Microphone Manuals 4 Dynex DX-M1114 Manuals 5 Dynex DX-MX1114 - WIRELESS MICROPHONE Manuals Dynex Microphone DX-MX1114 - WIRELESS MICROPHONE Operation & user's manual (40 pages, 0.66 Mb) 6 Dynex DX-USBMIC Manuals 7 Dynex DX-USBMIC13 Manuals Full list of Dynex Microphone Manuals # Model Type of Document 1 Dynex 2300-0247 Manuals Dynex Modem 2300-0247 Installation manual (2 pages, 0.12 Mb) 2 Dynex 2300-0248 Manuals Dynex Modem 2300-0248 Installation manual (2 pages, 0.1 Mb) 3 Dynex DX-M100 Manuals 4 Dynex DX-M102 Manuals Dynex Modem DX-M102 Operation & user's manual (16 pages, 0.9 Mb) 5 Dynex DX-M102 - 56 Kbps Fax Manuals Dynex Modem DX-M102 - 56 Kbps Fax Operation & user's manual (16 pages, 0.9 Mb) 6 Dynex DX-M110 Manuals Dynex Modem DX-M110 Operation & user's manual (8 pages, 0.33 Mb) 7 Dynex DX-M200 Manuals 8 Dynex DX-M300 Manuals Full list of Dynex Modem Manuals # Model Type of Document 1 Dynex DX-0M101 - Sliver Optical Corded Mouse Manuals Dynex Mouse DX-0M101 - Sliver Optical Corded Mouse Operation & user's manual (2 pages, 0.7 Mb) 2 Dynex DX-KBWM2 Manuals Dynex Mouse DX-KBWM2 Operation & user's manual (8 pages, 0.5 Mb) 3 Dynex DX-LM100 - Wireless Laser Mouse Manuals Dynex Mouse DX-LM100 - Wireless Laser Mouse Operation & user's manual (12 pages, 0.65 Mb) 4 Dynex DX-OM101 Manuals 5 Dynex DX-PMSE - Optical Laptop Mouse Manuals 6 Dynex DX-PS10MC Manuals 7 Dynex DX-PWLmse - Wireless Optical USB Laptop Mouse Manuals 8 Dynex DX-WLMSE Manuals 9 Dynex DX-WLOM2 - Wireless Optical Mouse Manuals Dynex Mouse DX-WLOM2 - Wireless Optical Mouse Operation & user's manual (9 pages, 0.78 Mb) 10 Dynex DX-WMSE Manuals Dynex Mouse DX-WMSE Setup manual (2 pages) Full list of Dynex Mouse Manuals # Model Type of Document 1 Dynex DX-BUSB Manuals Dynex Network Card DX-BUSB Operation & user's manual (90 pages, 2.92 Mb) 2 Dynex DX-E102 Manuals 3 Dynex DX-E201 Manuals 4 Dynex DX-E202 Manuals 5 Dynex DX-EBDTC Manuals 6 Dynex DX-EBNBC - Wireless G Notebook Card Manuals 7 Dynex DX-EBUSB Manuals 8 Dynex DX-ECFW Manuals 9 Dynex DX-NNBC Manuals Dynex Network Card DX-NNBC Quick install manual (2 pages) 10 Dynex DX-NNBC - N NOTEBOOK CARD WIFI Manuals Full list of Dynex Network Card Manuals # Model Type of Document 1 Dynex DX-BGDTc Manuals Dynex Network Router DX-BGDTc Operation & user's manual (90 pages, 3.1 Mb) 2 Dynex DX-BNBC Manuals Dynex Network Router DX-BNBC Operation & user's manual (88 pages, 3.01 Mb) 3 Dynex DX-E401 - EN Broadband Router Manuals 4 Dynex DX-E402 - EN Broadband Router Manuals 5 Dynex DX-NRUTer Manuals 6 Dynex DX-wegtrr - Enhanced Wireless G Router Manuals 7 Dynex DX-WGRTR Manuals 8 Dynex PM01433-A - DX-NRUTER Wireless N Router Manuals Dynex Network Router PM01433-A - DX-NRUTER Wireless N Router Operation & user's manual (71 pages, 8.88 Mb) Full list of Dynex Network Router Manuals # Model Type of Document 1 Dynex DX-30UT13 Manuals 2 Dynex DX-AVSF6 Manuals 3 Dynex DX-AVSP8 Manuals Dynex Other DX-AVSP8 Package contents (1 pages, 1.02 Mb) 5 Dynex DX-BTLMSE Manuals 6 Dynex DX-DVDRW16 Manuals Dynex Other DX-DVDRW16 Operation & user's manual (62 pages, 0.62 Mb) 7 Dynex DX-ECDRW200 Manuals Dynex Other DX-ECDRW200 Operation & user's manual (72 pages, 2.18 Mb) 8 Dynex DX-FANT12-A Manuals 9 Dynex DX-FANT12-B Manuals 10 Dynex DX-FANT12-E Manuals Full list of Dynex Other Manuals # Model Type of Document 1 Dynex 8-SHEET DIAMOND SHREDDER DX-PS08DC09 Manuals Dynex Paper Shredder 8-SHEET DIAMOND SHREDDER DX-PS08DC09 Operation & user's manual (2 pages, 0.29 Mb) 2 Dynex DX-OP102971 Manuals 3 Dynex DX-OP102981 Manuals 4 Dynex DX-OP102991 Manuals 5 Dynex DX-OP7CC Manuals Dynex Paper Shredder DX-OP7CC Operation & user's manual (16 pages, 1.01 Mb) 6 Dynex DX-PS05CC Manuals Dynex Paper Shredder DX-PS05CC Quick install manual (1 pages, 2.39 Mb) 7 Dynex DX-PS06CC Manuals 8 Dynex DX-PS08DC09 Manuals 9 Dynex DX-PS10CC Manuals Dynex Paper Shredder DX-PS10CC Quick setup manual (2 pages, 0.15 Mb) 10 Dynex DX-PS10MC Manuals Full list of Dynex Paper Shredder Manuals # Model Type of Document 1 Dynex 400wps - 400 WATT PC POWER SUPPLY Manuals 2 Dynex DX-400WPS Manuals 3 Dynex DX-520WPS Manuals 4 Dynex DX-800U Manuals Dynex Power Supply DX-800U Operation & user's manual (15 pages, 0.97 Mb) 5 Dynex DX-PS350W Manuals Dynex Power Supply DX-PS350W Operation & user's manual (6 pages, 0.25 Mb) 6 Dynex DX-PS400W2 Manuals Dynex Power Supply DX-PS400W2 Operation & user's manual (8 pages, 0.22 Mb) 7 Dynex DX-PS500W Manuals 8 Dynex TE685AVR Manuals Dynex Power Supply TE685AVR Operation & user's manual (4 pages, 1.8 Mb) 9 Dynex TE975AVR Manuals Dynex Power Supply TE975AVR Operation & user's manual (4 pages, 1.8 Mb) 10 Dynex TE975USB Manuals Dynex Power Supply TE975USB Operation & user's manual (4 pages, 1.8 Mb) Full list of Dynex Power Supply Manuals # Model Type of Document 1 Dynex 52321M Manuals Dynex Storage 52321M Operation & user's manual (19 pages, 0.44 Mb) 2 Dynex 6000 Series Manuals Dynex Storage 6000 Series Instruction manual (202 pages) 3 Dynex DVD+/-R 8X Manuals Dynex Storage DVD+/-R 8X Operation & user's manual (39 pages, 0.52 Mb) 4 Dynex DX-DVDRW8 Manuals 5 Dynex DX-CDRW Manuals Dynex Storage DX-CDRW Operation & user's manual (19 pages, 0.44 Mb) 6 Dynex DX-CDRW52 Manuals Dynex Storage DX-CDRW52 Operation & user's manual (47 pages, 1.87 Mb) 7 Dynex DX-CR012D Manuals Dynex Storage DX-CR012D Limited warranty (2 pages, 0.05 Mb) 8 Dynex DX-DVDRW8 Manuals 9 Dynex DX-ECDRW100 Manuals 10 Dynex DX-EF101 - 1.44 MB Floppy Disk Drive Manuals Full list of Dynex Storage Manuals # Model Type of Document 1 Dynex DX-30UT Manuals Dynex Surge Protector DX-30UT Quick setup manual (2 pages, 0.3 Mb) 2 Dynex DX-60UT Manuals Dynex Surge Protector DX-60UT Quick setup manual (2 pages, 0.3 Mb) 3 Dynex DX-AVS6BK Manuals Dynex Surge Protector DX-AVS6BK Warranty (6 pages, 0.11 Mb) 4 Dynex DX-AVS8BK Manuals Dynex Surge Protector DX-AVS8BK Warranty (6 pages, 0.11 Mb) 5 Dynex DX-AVSP8, DX-SF125, DX-SF126, DX-SF127 Manuals Dynex Surge Protector DX-AVSP8, DX-SF125, DX-SF126, DX-SF127 Quick setup manual (1 pages, 0.3 Mb) 6 Dynex DX-S114191 Manuals Dynex Surge Protector DX-S114191 Warranty (6 pages, 0.11 Mb) 7 Dynex DX-S114201 Manuals Dynex Surge Protector DX-S114201 Manual (6 pages, 0.12 Mb) 8 Dynex DX-S114211 Manuals Dynex Surge Protector DX-S114211 Warranty (6 pages, 0.11 Mb) 9 Dynex DX-S114221 Manuals Dynex Surge Protector DX-S114221 Warranty (6 pages, 0.11 Mb) 10 Dynex DX-S114231 Manuals Dynex Surge Protector DX-S114231 Warranty (6 pages, 0.11 Mb) Full list of Dynex Surge Protector Manuals # Model Type of Document 1 Dynex DX-4P2H - Hub - USB Manuals Dynex Switch DX-4P2H - Hub - USB Operation & user's manual (32 pages, 0.15 Mb) 2 Dynex DX-7P2H Manuals Dynex Switch DX-7P2H Operation & user's manual (32 pages, 0.16 Mb) 3 Dynex DX-B4PORT Manuals 4 Dynex DX-B7PORT Manuals 5 Dynex DX-EHB4 Manuals Dynex Switch DX-EHB4 Operation & user's manual (8 pages, 0.23 Mb) 6 Dynex DX-ESW5 - Switch Manuals Dynex Switch DX-ESW5 - Switch Operation & user's manual (14 pages, 0.36 Mb) 7 Dynex DX-ESW8 - Switch Manuals Dynex Switch DX-ESW8 - Switch Operation & user's manual (14 pages, 0.36 Mb) 8 Dynex DX-GB5PRT Manuals 9 Dynex DX-GB8PRT Manuals 10 Dynex DX-H720P Manuals Dynex Switch DX-H720P Quick start manual (11 pages, 0.48 Mb) Full list of Dynex Switch Manuals # Model Type of Document 1 Dynex DX-16E220NA16 Manuals 2 Dynex DX-19E22A12 Manuals Dynex TV DX-19E22A12 Owner's manual (12 pages, 0.93 Mb) 3 Dynex DX-24E310NA15 Manuals 4 Dynex DX-32D310NA15 Manuals 5 Dynex DX-32L100A11 Manuals 6 Dynex DX-32L130A10 Manuals 7 Dynex DX-37L130A11 Manuals 8 Dynex DX-40D510NA15 Manuals 9 Dynex DX-42E250A12 Manuals 10 Dynex DX-48D510NA15 Manuals Full list of Dynex TV Manuals # Model Type of Document 1 Dynex DX-26LD150A11 Manuals 2 Dynex DX-32LD150A11 Manuals 3 Dynex DX-LD19-10A - 19" LCD TV Manuals 4 Dynex DX-LTDVD20 Manuals Dynex TV DVD Combo DX-LTDVD20 Operation & user's manual (86 pages, 15.05 Mb) 5 Dynex DX-LTDVD22 Manuals Dynex TV DVD Combo DX-LTDVD22 Operation & user's manual (36 pages, 9.06 Mb) 6 Dynex DX-LTDVD22-09 Manuals 7 Dynex DX-PD510 - 5" Portable DVD Player Manuals 8 Dynex DX-R20TR Manuals Dynex TV DVD Combo DX-R20TR Operation & user's manual (198 pages, 7.28 Mb) Full list of Dynex TV DVD Combo Manuals For over 60 years Dynex has been continually producing, and constantly improving the Checkball hydraulic pump. Why? Because it works! This unique pump design has proven effective in hydraulic systems with the most demanding conditions including:Pressure spikesContaminationDirty environmentsSpecial fluidsExtreme temperaturesLong duty cyclesHigh pressures 1 Wide Range of Fluid CompatibilityCollapsePumps operate reliably with low-lubricity, low-viscosity fluids. The checkball piston design, with rotating bearing plate, reduces internal loading for lower starting torque and long life operation. 2 Bi-directional RotationExpandOnly one model is required on both ends of double-ended motors or when coupled to reversible engines. Fixed displacement pumps provide constant flow direction regardless of drive shaft rotation. 3 High Horsepower OutputExpandCompact pump design provides a high horsepower to weight ratio. Rugged wobble plate keyed to drive shaft and stationary piston barrel handle higher loads than other pump designs. 4 Vertical MountingFlexibilityExpandUnlimited pump orientation provides circuit flexibility. Use of housing bleed port allows vertical mounting and ensures proper internal lubrication for long life operation. 5 Multiple Function CircuitsSimplifiedExpandMultiple-pump circuits can be simplified using only one Split-Flow® pump with multiple outlets. These pumps provide greater output flow accuracy than flow dividers for synchronized movement. 6 Resistant To Cavitation DamageExpandAir inadvertently entering the system or starving the inlet flow can cause other pump designs to quickly fail. Decompression shock in checkball pumps is reduced, because outlet checks do not unseat until pumped fluid reaches load pressure. 7 Energy Saving PerformanceExpandPositive-seating check valves provide higher volumetric efficiency than other pump designs, which require internal leakage. Unlike valve plate design pumps, a drain line is not required. 8 Pressures To 20,000 PSIExpandPumps operate at high pressure and extreme temperatures. Positive-seating check valves also provide better wear and higher volumetric efficiency, especially with low-lubricity fluids. 9 Contamination TolerantExpandCheckball pumps operating in dirty environments are more resistant to contamination failure than other pump designs. A large path into pistons and output through durable outlet check valves allows contaminants to be flushed through the pump. 10 No Lubricating Oil RequiredExpandWith a single-fluid design, only the pumped fluid is required for internal lubrication, eliminating the cost of a secondary lubrication circuit and regular maintenance. Cross-fluid system contamination is also avoided. © 2023 Dynex/Rivett Inc. All Rights Reserved.