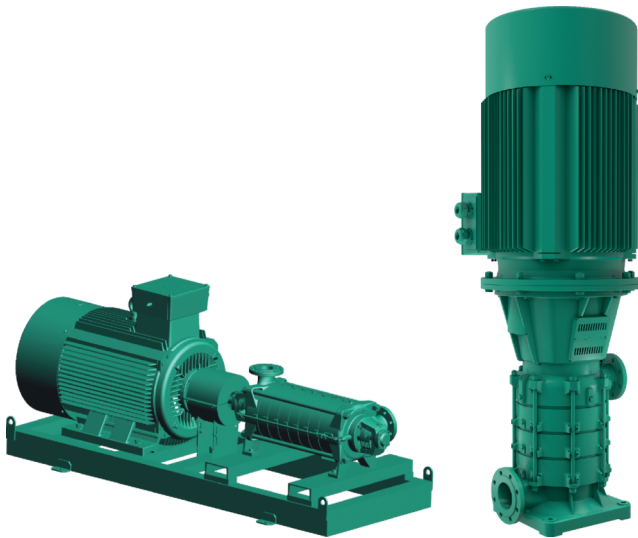


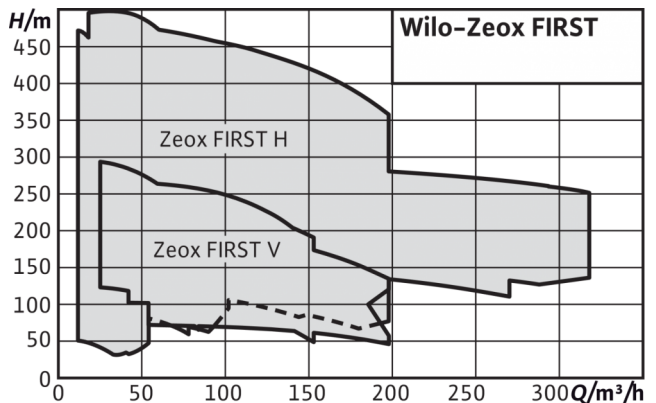
Series description: Wilo-Zeox FIRST

Wilo-Zeox FIRST V, H



Similar to figure

Zeox FIRST



Design type

Non self-priming, highly efficient high-pressure multistage centrifugal pump

Application

- Professional irrigation/agriculture
- Water supply/pressure boosting
- Fire fighting
- Heating, air-conditioning, cooling

Equipment/function

- Standard-equipped with highly efficient IE3 motor
- Flushing device via bypass line for long service life
- Stuffing box packing on request, can be replaced without removing the pump thanks to the exclusive "Twiner System" design.

Scope of delivery

- Horizontal pump system with motor, coupling, baseplate and pump or
- vertical pump system with motor, coupling and pump
- Installation and operating instructions

Type key

Example:	Zeox FIRST V9004/A-75-2-S20-S6D6/B
Zeox FIRST	Non-self-priming, multistage high-pressure multistage centrifugal pump in sectional construction
V or H	Vertical or horizontal installation
90	Volume flow Q in m³/h
04	Number of impellers
A	Impeller type (V design)
75	Motor power (in kW)
2	2-pole motor
S20	Design variants: No specification = standard design, impellers made of bronze: L1, stuffing box packing: S20
S6D6	Variants with other flange and shaft alignments: No specification = standard alignment, SXDX
B	Index of technical development

Technical data

- Mains connection 3~400 V, 50 Hz
- Max. inlet pressure: 6 bar for vertical design, 16 bar for horizontal design
- Max. fluid temperature range from -5 °C to +90 °C
- Max. ambient temperature range from -10 °C to +40 °C
- Max. operating pressure: 27 bar for vertical design, 55 bar for horizontal design DN 80 and 50 bar for horizontal design DN 100
- Protection class: IP 55
- Connections on pressure and suction side: DN 80 and DN 100 for vertical design, DN 65, DN 80, DN 100, DN 150 for horizontal design

Special features/product advantages

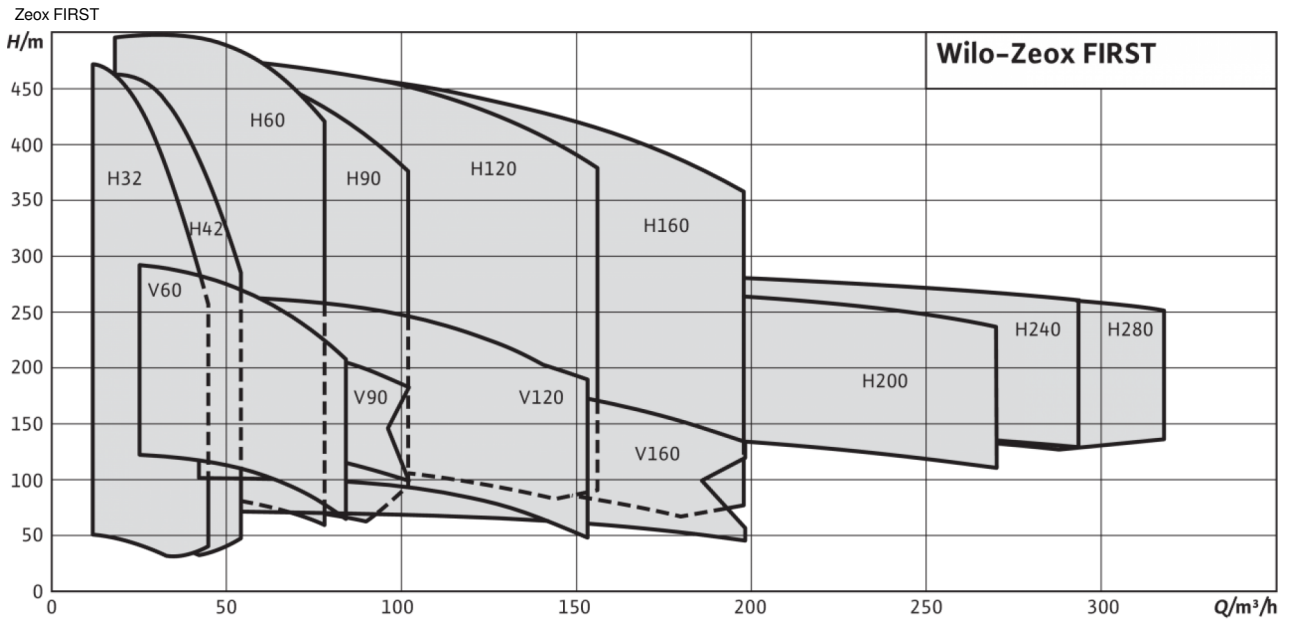
- Extremely efficient hydraulics and highly-efficient IE3 motor with standard-mounted PTC sensor
- Pump set standard mounted with rigid coupling between motor and hydraulics and with mechanical seal
- Standard-mounted bypass flushing device guarantees a long service life for the mechanical seal
- Clever flange positioning and stuffing box gland upon request
- Bronze impellers upon request for high reliability

Series description: Wilo-Zeox FIRST

Materials

- Pump housing and coupling made of grey cast iron with high quality paintwork for high resistance to corrosion
- Baseplate and motor support made of steel with high quality paintwork for high resistance to corrosion
- Stage housing and guide vane apparatus made of grey cast iron and impellers made of grey cast iron with cathaphoretic coating
- Stage housing gaskets made of NBR
- Plain bearing made of bronze
- Shaft made of carbon steel or stainless steel
- Rotating and stationary rings of the mechanical seal: Tungsten carbide/carbon
- Mechanical gaskets made of NBR / PTFE
- PTFE seals

Duty chart: Wilo-Zeox FIRST



Product list: Wilo-Zeox FIRST

Product description	Rated power P_2	Gross weight, approx. m	Article number
Zeox FIRST H 28003-200-2	200.00 kW	2272.0 kg	4191938
Zeox FIRST H 28003-250-2	250.00 kW	2497.0 kg	4191937
Zeox FIRST H 28003-315-2	315.00 kW	2870.0 kg	4191936
Zeox FIRST H 28002-132-2	132.00 kW	1925.0 kg	4191935
Zeox FIRST H 28002-160-2	160.00 kW	2011.0 kg	4191934
Zeox FIRST H 28002-200-2	200.00 kW	2198.0 kg	4191933
Zeox FIRST H 24003-200-2	200.00 kW	2272.0 kg	4191932
Zeox FIRST H 24003-250-2	250.00 kW	2497.0 kg	4191931
Zeox FIRST H 24003-315-2	315.00 kW	2870.0 kg	4191930
Zeox FIRST H 24002-132-2	132.00 kW	1925.0 kg	4191929
Zeox FIRST H 24002-160-2	160.00 kW	2011.0 kg	4191928
Zeox FIRST H 24002-200-2	200.00 kW	2198.0 kg	4191927
Zeox FIRST H 20003-160-2	160.00 kW	2085.0 kg	4191926
Zeox FIRST H 20003-200-2	200.00 kW	2272.0 kg	4191925
Zeox FIRST H 20003-250-2	250.00 kW	2497.0 kg	4191924
Zeox FIRST H 20002-90-2	90.00 kW	630.0 kg	4191923
Zeox FIRST H 20002-110-2	110.00 kW	1827.0 kg	4191922
Zeox FIRST H 20002-132-2	132.00 kW	1925.0 kg	4191921
Zeox FIRST H 20002-160-2	160.00 kW	2011.0 kg	4191920
Zeox FIRST H 16006-160-2	160.00 kW	1775.0 kg	4191919
Zeox FIRST H 16006-200-2	200.00 kW	1962.0 kg	4191918
Zeox FIRST H 16006-250-2	250.00 kW	2340.0 kg	4191917
Zeox FIRST H 16006-315-2	315.00 kW	2765.0 kg	4191916
Zeox FIRST H 16005-132-2	132.00 kW	1604.0 kg	4191915
Zeox FIRST H 16005-160-2	160.00 kW	1726.0 kg	4191914
Zeox FIRST H 16005-200-2	200.00 kW	1962.0 kg	4191913
Zeox FIRST H 16005-250-2	250.00 kW	2350.0 kg	4191912
Zeox FIRST H 16004-110-2	110.00 kW	1475.0 kg	4191911
Zeox FIRST H 16004-132-2	132.00 kW	1567.0 kg	4191910
Zeox FIRST H 16004-160-2	160.00 kW	1689.0 kg	4191909
Zeox FIRST H 16004-200-2	200.00 kW	1876.0 kg	4191908
Zeox FIRST H 16003-75-2	75.00 kW	1172.0 kg	4191907
Zeox FIRST H 16003-90-2	90.00 kW	1205.0 kg	4191906
Zeox FIRST H 16003-110-2	110.00 kW	1438.0 kg	4191905
Zeox FIRST H 16003-132-2	132.00 kW	1530.0 kg	4191904
Zeox FIRST H 16003-160-2	160.00 kW	1652.0 kg	4191903
Zeox FIRST H 16002-55-2	55.00 kW	853.0 kg	4191902
Zeox FIRST H 16002-75-2	75.00 kW	1126.0 kg	4191901
Zeox FIRST H 16002-90-2	90.00 kW	1159.0 kg	4191900
Zeox FIRST H 16002-110-2	110.00 kW	1401.0 kg	4191899
Zeox FIRST H 12006-132-2	132.00 kW	1605.0 kg	4191898
Zeox FIRST H 12006-160-2	160.00 kW	1775.0 kg	4191897
Zeox FIRST H 12006-200-2	200.00 kW	1962.0 kg	4191896
Zeox FIRST H 12006-250-2	250.00 kW	2340.0 kg	4191895
Zeox FIRST H 12005-110-2	110.00 kW	1470.0 kg	4191894
Zeox FIRST H 12005-132-2	132.00 kW	1604.0 kg	4191893
Zeox FIRST H 12005-160-2	160.00 kW	1726.0 kg	4191892

Product list: Wilo-Zeox FIRST

Product description	Rated power P_2	Gross weight, approx. m	Article number
Zeox FIRST H 12005-200-2	200.00 kW	1962.0 kg	4191891
Zeox FIRST H 12004-90-2	90.00 kW	1052.0 kg	4191890
Zeox FIRST H 12004-110-2	110.00 kW	1475.0 kg	4191889
Zeox FIRST H 12004-132-2	132.00 kW	1567.0 kg	4191888
Zeox FIRST H 12004-160-2	160.00 kW	1689.0 kg	4191887
Zeox FIRST H 12003-75-2	75.00 kW	1172.0 kg	4191886
Zeox FIRST H 12003-90-2	90.00 kW	1205.0 kg	4191885
Zeox FIRST H 12003-110-2	110.00 kW	1438.0 kg	4191884
Zeox FIRST H 12002-45-2	45.00 kW	627.0 kg	4191883
Zeox FIRST H 12002-55-2	55.00 kW	853.0 kg	4191882
Zeox FIRST H 12002-75-2	75.00 kW	1126.0 kg	4191881
Zeox FIRST H 9008-90-2	90.00 kW	1180.0 kg	4191880
Zeox FIRST H 9008-110-2	110.00 kW	1430.0 kg	4191879
Zeox FIRST H 9008-132-2	132.00 kW	1522.0 kg	4191878
Zeox FIRST H 9008-160-2	160.00 kW	1647.0 kg	4191877
Zeox FIRST H 9007-75-2	75.00 kW	1128.0 kg	4191876
Zeox FIRST H 9007-90-2	90.00 kW	1160.0 kg	4191875
Zeox FIRST H 9007-110-2	110.00 kW	1411.0 kg	4191874
Zeox FIRST H 9007-132-2	132.00 kW	1503.0 kg	4191873
Zeox FIRST H 9006-75-2	75.00 kW	1109.0 kg	4191872
Zeox FIRST H 9006-90-2	90.00 kW	1142.0 kg	4191871
Zeox FIRST H 9006-110-2	110.00 kW	1392.0 kg	4191870
Zeox FIRST H 9005-55-2	55.00 kW	801.0 kg	4191869
Zeox FIRST H 9005-75-2	75.00 kW	1075.0 kg	4191868
Zeox FIRST H 9005-90-2	90.00 kW	1118.0 kg	4191867
Zeox FIRST H 9004-37-2	37.00 kW	542.0 kg	4191866
Zeox FIRST H 9004-45-2	45.00 kW	697.0 kg	4191865
Zeox FIRST H 9004-55-2	55.00 kW	783.0 kg	4191864
Zeox FIRST H 9004-75-2	75.00 kW	1061.0 kg	4191863
Zeox FIRST H 9003-30-2	30.00 kW	489.0 kg	4191862
Zeox FIRST H 9003-37-2	37.00 kW	511.0 kg	4191861
Zeox FIRST H 9003-45-2	45.00 kW	666.0 kg	4191860
Zeox FIRST H 9003-55-2	55.00 kW	755.0 kg	4191859
Zeox FIRST H 9002-22-2	22.00 kW	373.0 kg	4191858
Zeox FIRST H 9002-30-2	30.00 kW	443.0 kg	4191857
Zeox FIRST H 9002-37-2	37.00 kW	459.0 kg	4191856
Zeox FIRST H 6009-75-2	75.00 kW	1181.0 kg	4191855
Zeox FIRST H 6009-90-2	90.00 kW	1213.0 kg	4191854
Zeox FIRST H 6009-110-2	110.00 kW	1448.0 kg	4191853
Zeox FIRST H 6009-132-2	132.00 kW	1541.0 kg	4191852
Zeox FIRST H 6008-75-2	75.00 kW	1147.0 kg	4191851
Zeox FIRST H 6008-90-2	90.00 kW	1180.0 kg	4191850
Zeox FIRST H 6008-110-2	110.00 kW	1430.0 kg	4191849
Zeox FIRST H 6007-75-2	75.00 kW	1128.0 kg	4191848
Zeox FIRST H 6007-90-2	90.00 kW	1160.0 kg	4191847
Zeox FIRST H 6007-110-2	110.00 kW	1411.0 kg	4191846
Zeox FIRST H 6006-55-2	55.00 kW	831.0 kg	4191845

Product list: Wilo-Zeox FIRST

Product description	Rated power P_2	Gross weight, approx. m	Article number
Zeox FIRST H 6006-75-2	75.00 kW	1109.0 kg	4191844
Zeox FIRST H 6006-90-2	90.00 kW	1142.0 kg	4191843
Zeox FIRST H 6005-45-2	45.00 kW	723.0 kg	4191842
Zeox FIRST H 6005-55-2	55.00 kW	801.0 kg	4191841
Zeox FIRST H 6005-75-2	75.00 kW	1075.0 kg	4191840
Zeox FIRST H 6004-37-3	37.00 kW	542.0 kg	4191839
Zeox FIRST H 6004-45-2	45.00 kW	697.0 kg	4191838
Zeox FIRST H 6004-55-2	55.00 kW	783.0 kg	4191837
Zeox FIRST H 6003-22-2	22.00 kW	405.0 kg	4191836
Zeox FIRST H 6003-30-2	30.00 kW	489.0 kg	4191835
Zeox FIRST H 6003-37-2	37.00 kW	511.0 kg	4191834
Zeox FIRST H 6003-45-2	45.00 kW	666.0 kg	4191833
Zeox FIRST H 6002-18,5-2	18.50 kW	337.0 kg	4191832
Zeox FIRST H 6002-22-2	22.00 kW	373.0 kg	4191831
Zeox FIRST H 6002-30-2	30.00 kW	443.0 kg	4191830
Zeox FIRST H 4212-37-2	37.00 kW	597.0 kg	4191829
Zeox FIRST H 4212-45-2	45.00 kW	758.0 kg	4191828
Zeox FIRST H 4212-55-2	55.00 kW	838.0 kg	4191827
Zeox FIRST H 4212-75-2	75.00 kW	1133.0 kg	4191826
Zeox FIRST H 4211-37-2	37.00 kW	585.0 kg	4191825
Zeox FIRST H 4211-45-2	45.00 kW	746.0 kg	4191824
Zeox FIRST H 4211-55-2	55.00 kW	826.0 kg	4191823
Zeox FIRST H 4211-75-2	75.00 kW	1122.0 kg	4191822
Zeox FIRST H 4210-37-2	37.00 kW	574.0 kg	4191821
Zeox FIRST H 4210-45-2	45.00 kW	685.0 kg	4191820
Zeox FIRST H 4210-55-2	55.00 kW	814.0 kg	4191819
Zeox FIRST H 4210-75-2	75.00 kW	1090.0 kg	4191818
Zeox FIRST H 4209-30-2	30.00 kW	533.0 kg	4191817
Zeox FIRST H 4209-37-2	37.00 kW	555.0 kg	4191816
Zeox FIRST H 4209-45-2	45.00 kW	722.0 kg	4191815
Zeox FIRST H 4209-55-2	55.00 kW	803.0 kg	4191814
Zeox FIRST H 4208-30-2	30.00 kW	543.0 kg	4191813
Zeox FIRST H 4208-37-2	37.00 kW	543.0 kg	4191812
Zeox FIRST H 4208-45-2	45.00 kW	703.0 kg	4191811
Zeox FIRST H 4208-55-2	55.00 kW	791.0 kg	4191810
Zeox FIRST H 4207-22-2	22.00 kW	427.0 kg	4191809
Zeox FIRST H 4207-30-2	30.00 kW	510.0 kg	4191808
Zeox FIRST H 4207-37-2	37.00 kW	532.0 kg	4191807
Zeox FIRST H 4207-45-2	45.00 kW	691.0 kg	4191806
Zeox FIRST H 4206-18,5-2	18.50 kW	374.0 kg	4191805
Zeox FIRST H 4206-22-2	22.00 kW	415.0 kg	4191804
Zeox FIRST H 4206-30-2	30.00 kW	491.0 kg	4191803
Zeox FIRST H 4206-37-2	37.00 kW	513.0 kg	4191802
Zeox FIRST H 4205-15-2	15.00 kW	372.0 kg	4191801
Zeox FIRST H 4205-18,5-2	18.50 kW	397.0 kg	4191800
Zeox FIRST H 4205-22-2	22.00 kW	433.0 kg	4191799
Zeox FIRST H 4205-30-2	30.00 kW	514.0 kg	4191798

Product list: Wilo-Zeox FIRST

Product description	Rated power P_2	Gross weight, approx. m	Article number
Zeox FIRST H 4204-15-2	15.00 kW	353.0 kg	4191797
Zeox FIRST H 4204-18,5-2	18.50 kW	374.0 kg	4191796
Zeox FIRST H 4204-22-2	22.00 kW	410.0 kg	4191795
Zeox FIRST H 4204-30-2	30.00 kW	484.0 kg	4191794
Zeox FIRST H 4203-9-2	9.00 kW	173.0 kg	4191793
Zeox FIRST H 4203-11-2	11.00 kW	178.0 kg	4191792
Zeox FIRST H 4203-15-2	15.00 kW	179.0 kg	4191791
Zeox FIRST H 4203-18,5-2	18.50 kW	179.0 kg	4191790
Zeox FIRST H 4202-7,5-2	7.50 kW	161.0 kg	4191789
Zeox FIRST H 4202-9-2	9.00 kW	161.0 kg	4191788
Zeox FIRST H 4202-11-2	11.00 kW	160.0 kg	4191787
Zeox FIRST H 4202-15-2	15.00 kW	160.0 kg	4191786
Zeox FIRST H 3213-30-2	30.00 kW	586.0 kg	4191785
Zeox FIRST H 3213-37-2	37.00 kW	608.0 kg	4191784
Zeox FIRST H 3213-45-2	45.00 kW	769.0 kg	4191783
Zeox FIRST H 3213-55-2	55.00 kW	851.0 kg	4191782
Zeox FIRST H 3212-30-2	30.00 kW	575.0 kg	4191781
Zeox FIRST H 3212-37-2	37.00 kW	597.0 kg	4191780
Zeox FIRST H 3212-45-2	45.00 kW	758.0 kg	4191779
Zeox FIRST H 3212-55-2	55.00 kW	838.0 kg	4191778
Zeox FIRST H 3211-22-2	22.00 kW	488.0 kg	4191777
Zeox FIRST H 3211-30-2	30.00 kW	545.0 kg	4191776
Zeox FIRST H 3211-37-2	37.00 kW	585.0 kg	4191775
Zeox FIRST H 3211-45-2	45.00 kW	746.0 kg	4191774
Zeox FIRST H 3210-22-2	22.00 kW	469.0 kg	4191773
Zeox FIRST H 3210-30-2	30.00 kW	552.0 kg	4191772
Zeox FIRST H 3210-37-2	37.00 kW	574.0 kg	4191771
Zeox FIRST H 3210-45-2	45.00 kW	685.0 kg	4191770
Zeox FIRST H 3209-18,5-2	18.50 kW	388.0 kg	4191769
Zeox FIRST H 3209-22-2	22.00 kW	457.0 kg	4191768
Zeox FIRST H 3209-30-2	30.00 kW	533.0 kg	4191767
Zeox FIRST H 3209-37-2	37.00 kW	555.0 kg	4191766
Zeox FIRST H 3208-18,5-2	18.50 kW	405.0 kg	4191765
Zeox FIRST H 3208-22-2	22.00 kW	446.0 kg	4191764
Zeox FIRST H 3208-30-2	30.00 kW	521.0 kg	4191763
Zeox FIRST H 3208-37-2	37.00 kW	543.0 kg	4191762
Zeox FIRST H 3207-15-2	15.00 kW	368.0 kg	4191761
Zeox FIRST H 3207-18,5-2	18.50 kW	586.0 kg	4191760
Zeox FIRST H 3207-22-2	22.00 kW	427.0 kg	4191759
Zeox FIRST H 3207-30-2	30.00 kW	510.0 kg	4191758
Zeox FIRST H 3206-15-2	15.00 kW	344.0 kg	4191757
Zeox FIRST H 3206-18,5-2	18.50 kW	374.0 kg	4191756
Zeox FIRST H 3206-22-2	22.00 kW	415.0 kg	4191755
Zeox FIRST H 3206-30-2	30.00 kW	491.0 kg	4191754
Zeox FIRST H 3205-11-2	11.00 kW	207.0 kg	4191753
Zeox FIRST H 3205-15-2	15.00 kW	207.0 kg	4191752
Zeox FIRST H 3205-18,5-2	18.50 kW	207.0 kg	4191751

Product list: Wilo-Zeox FIRST

Product description	Rated power P_2	Gross weight, approx. m	Article number
Zeox FIRST H 3205-22-2	22.00 kW	207.0 kg	4191750
Zeox FIRST H 3204-9-2	9.00 kW	192.0 kg	4191749
Zeox FIRST H 3204-11-2	11.00 kW	191.0 kg	4191748
Zeox FIRST H 3204-15-2	15.00 kW	191.0 kg	4191747
Zeox FIRST H 3204-18,5-2	18.50 kW	189.0 kg	4191746
Zeox FIRST H 3203-7,5-2	7.50 kW	173.0 kg	4191745
Zeox FIRST H 3203-9-2	9.00 kW	173.0 kg	4191744
Zeox FIRST H 3203-11-2	11.00 kW	178.0 kg	4191743
Zeox FIRST H 3203-15-2	15.00 kW	179.0 kg	4191742
Zeox FIRST H 3202-5,5-2	5.50 kW	161.0 kg	4191741
Zeox FIRST H 3202-7,5-2	7.50 kW	161.0 kg	4191740
Zeox FIRST H 3202-9-2	9.00 kW	161.0 kg	4191739
Zeox FIRST V 6005/A-75-2	75.00 kW	1070.0 kg	4192962
Zeox FIRST V 16003-110-2	110.00 kW	1340.0 kg	4191963
Zeox FIRST V 16002-90-2	90.00 kW	1026.0 kg	4191962
Zeox FIRST V 16002-75-2	75.00 kW	988.0 kg	4191961
Zeox FIRST V 16002-55-2	55.00 kW	706.0 kg	4191960
Zeox FIRST V 16001-45-2	45.00 kW	597.0 kg	4191959
Zeox FIRST V 16001-37-2	37.00 kW	428.0 kg	4191958
Zeox FIRST V 12004-110-2	110.00 kW	1345.0 kg	4191957
Zeox FIRST V 12003-110-2	110.00 kW	1340.0 kg	4191956
Zeox FIRST V 12003-90-2	90.00 kW	1059.0 kg	4191955
Zeox FIRST V 12002-75-2	75.00 kW	988.0 kg	4191954
Zeox FIRST V 12002-55-2	55.00 kW	706.0 kg	4191953
Zeox FIRST V 12002-45-2	45.00 kW	630.0 kg	4191952
Zeox FIRST V 9004/A-75-2	75.00 kW	1007.0 kg	4191951
Zeox FIRST V 9003/B-55-2	55.00 kW	684.0 kg	4191950
Zeox FIRST V 9003/B-45-2	45.00 kW	608.0 kg	4191949
Zeox FIRST V 9003/A-45-2	45.00 kW	608.0 kg	4191948
Zeox FIRST V 6005/A-55-2	55.00 kW	762.0 kg	4191947
Zeox FIRST V 6004/A-55-2	55.00 kW	740.0 kg	4191946
Zeox FIRST V 6004/B-55-2	55.00 kW	740.0 kg	4191945
Zeox FIRST V 6004/B-45-2	45.00 kW	631.0 kg	4191944
Zeox FIRST V 6003/A-45-2	45.00 kW	608.0 kg	4191943
Zeox FIRST V 6003/A-37-2	37.00 kW	439.0 kg	4191942
Zeox FIRST V 6003/B-37-2	37.00 kW	439.0 kg	4191941
Zeox FIRST V 6003/A-30-2	30.00 kW	416.0 kg	4191940
Zeox FIRST V 6003/B-30-2	30.00 kW	416.0 kg	4191939