



**SURE FILTER**<sup>®</sup>

# DOOSAN SUB-CATALOG



**WHEN FILTRATION  
MATTERS**

SURE-DOO-IV-22



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# ENGINE APPLICATION

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# Engine Application

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MODEL/APPLICATION	SURE NO
<b>DOOSAN</b>	
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MODEL/APPLICATION	SURE NO
<b>DOOSAN</b>	
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# Engine Application

MODEL/APPLICATION	SURE NO
<b>DOOSAN</b>	

**DX480LC-V**  
 (EXCAVATORS)  
 , 2005-UP  
 Fuel/Water Separator..... SFR 4230FW  
 Fuel/Water Separator..... SFR 4230FWB

**DX520LC-V**  
 (EXCAVATORS)  
 , 2005-UP  
 Fuel/Water Separator..... SFR 4230FW  
 Fuel/Water Separator..... SFR 4230FWB

**DX700**  
 (EXCAVATORS)  
 ISUZU AH-6WG1X  
 Fuel/Water Separator..... SFR 0063FW

**MEGA 500**  
 (LOADERS)  
 CUMMINS QSM11 , 2007-UP  
 Coolant Filter..... SFW 2076  
 Fuel/Water Separator..... SFR 5110FW

**S225NLC-V**  
 (EXCAVATORS)  
 DB58TIS  
 Air Filter Breather..... SFA 9257

**S225NLC-V**  
 (EXCAVATORS)  
 DOOSAN DB58TIS  
 Cabin Air Filter..... SFC 00001

**SOLAR 160WV**  
 (EXCAVATORS)  
 DAEWOO DB58TIS , 2006-UP  
 Air Filter Primary..... SFA 2431P  
 Air Filter Secondary..... SFA 1742S  
 Air Filter Set..... SFA 6740SET  
 Fuel/Water Separator..... SFR 1010FW  
 Hydraulic Oil Filter..... SFH 1430  
 Hydraulic Oil Filter..... SFH 4135  
 Hydraulic Oil Filter..... SFH 7353

**SOLAR 175LCV**  
 (EXCAVATORS)  
 DAEWOO DB58TIS  
 Fuel/Water Separator..... SFR 1010FW  
 Hydraulic Oil Filter..... SFH 1430

**SOLAR 300LCV**  
 (EXCAVATORS)  
 DE08TIS  
 Hydraulic Oil Filter..... SFH 0085
















**SOLAR 75V**  
 (EXCAVATORS)  
 YANMAR 4TNE98  
 Hydraulic Oil Filter..... SFH 7353















**SOLAR 330LCV**  
 (EXCAVATORS)  
 DE12T  
 Hydraulic Oil Filter..... SFH 0085



# PRODUCT GUIDE

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<p><b>SFA 0120S</b></p> <p>Air Filter Secondary Soft PU end cap Element</p> <p>KOMATSU 1308463H1 CASE 249988A1 KOMATSU 600-185-4120</p>  <p>Primary Filter uses SFA 4110P</p> <p>H 1 : 469 (mm) H 2 : 463 (mm) OD 1 : 133.8 (mm) OD 2 : 125 (mm) ID 1 : 95.5 (mm)</p> <p>CONT : 9 VOL : 0.104</p>	<p><b>SFA 4110P</b></p> <p>Air Filter Primary Soft PU end cap Element</p> <p>KOMATSU 1308462H1 KOMATSU 600-185-4110 JOHN DEERE AT178516</p>  <p>Secondary Filter uses SFA 0120S</p> <p>H 1 : 483 (mm) H 2 : 470 (mm) OD 1 : 237 (mm) OD 2 : 237 (mm) ID 1 : 132 (mm)</p> <p>CONT : 4 VOL : 0.135</p>	<p><b>SFA 7869S</b></p> <p>Air Filter Secondary Soft PU end cap Element</p> <p>CATERPILLAR 142-1403 ATLAS COPCO 3222-1881-92 HITACHI 4466268</p>  <p>Primary Filter uses SFA 7868P Set Filter uses SFA 7868SET</p> <p>H 1 : 500 (mm) H 2 : 494 (mm) OD 1 : 179 (mm) OD 2 : 174 (mm) ID 1 : 148 (mm)</p> <p>CONT : 1 VOL : 0.021</p> <p>Note : Is a Secondary Air filter of SFA 7868P,SFA 7548P</p>
<p><b>SFA 1575P</b></p> <p>Air Filter Primary Soft PU end cap Element</p> <p>YANMAR 119808-12520 NISSAN 16546-FJ100 KOMATSU 3EB-02-38730 SUNWARD 730403000157 KUBOTA TA040-93230</p>  <p>Secondary Filter uses SFA 2858S Set Filter uses SFA 2858SET</p> <p>H 1 : 273.5 (mm) H 2 : 265 (mm) OD 1 : 104 (mm) OD 2 : 104 (mm) ID 1 : 61 (mm)</p> <p>CONT : 25 VOL : 0.117</p>	<p><b>SFA 6740SET</b></p> <p>Air Filter Set Metal End Cap Element</p> <p>KOMATSU 600-181-6740</p>  <p>Primary Filter uses SFA 2431P Secondary Filter uses SFA 1742S</p> <p>H 1 : 442 (mm) H 2 : 402 (mm) OD 1 : 221 (mm) OD 2 : 221 (mm) ID 1 : 135 (mm) ID 2 : 23 (mm)</p> <p>CONT : 4 VOL : 0.156</p>	<p><b>SFA 9257</b></p> <p>Air Filter Breather Metal End Cap Element</p> <p>DOOSAN K1029257</p>  <p>H 1 : 52.5 (mm) H 2 : 45 (mm) OD 1 : 67 (mm) OD 2 : 67 (mm) ID 1 : 43.5 (mm) ID 2 : 20.7 (mm)</p> <p>CONT : 50 VOL : 0.017</p>
<p><b>SFA 1742S</b></p> <p>Air Filter Secondary Metal End Cap Element</p> <p>DAEWOO 2474-9054 KOMATSU 600-181-6730 MITSUBISHI ME033839</p>  <p>Primary Filter uses SFA 2431P Set Filter uses SFA 6740SET</p> <p>H 1 : 414.75 (mm) H 2 : 402 (mm) OD 1 : 133.5 (mm) OD 2 : 133.5 (mm) ID 1 : 105 (mm) ID 2 : 17 (mm)</p> <p>CONT : 9 VOL : 0.088</p>	<p><b>SFA 78681PF</b></p> <p>Air Filter Primary Soft PU+Metal Element With Sleeve</p> <p>HITACHI 76612497</p>  <p>Secondary Filter uses SFA 7869S Set Filter uses SFA 78681SETF</p> <p>H 1 : 521 (mm) H 2 : 510 (mm) OD 1 : 313 (mm) OD 2 : 313 (mm) ID 1 : 178 (mm)</p> <p>CONT : 1 VOL : 0.059</p>	<p><b>SFC 00001</b></p> <p>Cabin Air Filter Plastic framed Element</p> <p>DOOSAN 400402-00001</p>  <p>H 1 : 20 (mm) Length 1 : 211 (mm) Length 2 : 201 (mm) Width 1 : 182.5 (mm) Width 2 : 164 (mm)</p> <p>CONT : 20 VOL : 0.022</p>
<p><b>SFA 2431P</b></p> <p>Air Filter Primary Metal End Cap Element</p> <p>KOBELCO 2451-U324-3 MITSUBISHI 3433000400 MITSUBISHI ME033603 MITSUBISHI ME033613</p>  <p>Secondary Filter uses SFA 1742S Set Filter uses SFA 6740SET</p> <p>H 1 : 442 (mm) OD 1 : 264 (mm) OD 2 : 221 (mm) ID 1 : 136 (mm) ID 2 : 23 (mm)</p> <p>CONT : 4 VOL : 0.154</p>	<p><b>SFA 7868PF</b></p> <p>Air Filter Primary Soft PU end cap Element With Sleeve</p> <p>VOLVO 11033996 CATERPILLAR 142-1340 ATLAS COPCO 3222-1881-91 FIAT 4466269</p>  <p>Secondary Filter uses SFA 7869S</p> <p>H 1 : 521 (mm) H 2 : 510 (mm) OD 1 : 313 (mm) OD 2 : 313 (mm) ID 1 : 178 (mm)</p> <p>CONT : 1 VOL : 0.057</p>	<p><b>SFF 1131</b></p> <p>Fuel Filter Spin-On</p> <p>TCM 20801-02112</p>  <p>H 1 : 75 (mm) OD 1 : 80 (mm) Thread Size : M20X1.5-6H Gasket Type : Round</p> <p>CONT : 50 VOL : 0.034</p>
<p><b>SFA 2858S</b></p> <p>Air Filter Secondary Soft PU end cap Element</p> <p>VOLVO 11801160 CATERPILLAR 1467473 LIJUGONG 40C0445 JOHN DEERE M131803 KOMATSU YM12905112530</p>  <p>Primary Filter uses SFA 1575P Set Filter uses SFA 2858SET</p> <p>H 1 : 265 (mm) H 2 : 259 (mm) OD 1 : 61 (mm) OD 2 : 59 (mm) ID 1 : 45 (mm)</p> <p>CONT : 25 VOL : 0.050</p>	<p><b>SFA 7868SETF</b></p> <p>Air Filter Set Soft PU end cap Element With Sleeve</p> <p>HITACHI 76612497+4466268</p>  <p>H 1 : 521 (mm) H 2 : 510 (mm) OD 1 : 313 (mm) OD 2 : 313 (mm) ID 1 : 178 (mm)</p> <p>CONT : 1 VOL : 0.059</p>	<p><b>SFF 5486</b></p> <p>Fuel Filter Spin-On With Microfiber media</p> <p>IVECO 2992241 CUMMINS 4897833</p>  <p>H 1 : 191 (mm) OD 1 : 93 (mm) Thread Size : M20X1.5-6H Gasket Type : Square</p> <p>CONT : 12 VOL : 0.029</p>

<p><b>SFF 5580</b> Fuel Filter Spin-On</p> <p>CUMMINS 3973232 NEW HOLLAND (CNH) 87360572</p>  <p>H 1 : 174 (mm) OD 1 : 93 (mm) Thread Size : 7/8-14 UNF-2B Gasket Type : Square</p> <p>CONT : 12 VOL : 0.026</p>	<p><b>SFH 0241</b> Hydraulic Oil Filter Pilot Aluminium casting end cap, Element</p> <p>DOOSAN 400504-00241</p>  <p>H 1 : 85 (mm) H 2 : 77.5 (mm) OD 1 : 44 (mm) OD 2 : 42.5 (mm) ID 1 : 22.5 (mm)</p> <p>CONT : 50 VOL : 0.035</p>	<p><b>SFH 7353</b> Hydraulic Oil Filter Metal End Cap Element</p> <p>DAEWOO 2474-9003B DAEWOO 2474-9008 HITACHI 4227353</p>  <p>H 1 : 456 (mm) H 2 : 438 (mm) OD 1 : 112 (mm) OD 2 : 112 (mm) ID 1 : 66.1 (mm) ID 2 : 66.1 (mm)</p> <p>CONT : 10 VOL : 0.076</p>
<p><b>SFH 0041</b> Hydraulic Oil Filter Metal End Cap Element</p> <p>DOOSAN 474-00041</p>  <p>H 1 : 308.5 (mm) H 2 : 304.5 (mm) OD 1 : 60 (mm) OD 2 : 60 (mm) ID 1 : 33 (mm)</p> <p>CONT : 25 VOL : 0.042</p> <p>Note : Doosan Crawler Excavator DX300 LC</p>	<p><b>SFH 1430</b> Hydraulic Oil Filter Metal End Cap Element</p> <p>KOMATSU 07063-01210 KOMATSU 205-60-51430</p>  <p>H 1 : 450 (mm) OD 1 : 150 (mm) OD 2 : 150 (mm) ID 1 : 110 (mm) ID 2 : 110 (mm)</p> <p>CONT : 10 VOL : 0.134</p> <p>Note : Without gasket</p>	<p><b>SFH 9016</b> Hydraulic Oil Filter Metal End Cap Element</p> <p>DAEWOO 2474-9016A DOOSAN 2474-9016A</p>  <p>H 1 : 146 (mm) H 2 : 140 (mm) OD 1 : 150 (mm) OD 2 : 150 (mm) ID 1 : 73.4 (mm) Thread Size : M12X1.75-6H</p> <p>CONT : 9 VOL : 0.045</p>
<p><b>SFH 0085</b> Hydraulic Oil Filter Wire Mesh supported Element</p> <p>DOOSAN 24719401A</p>  <p>H 1 : 196.5 (mm) H 2 : 190 (mm) OD 1 : 200 (mm) OD 2 : 200 (mm) ID 1 : 112.8 (mm) Thread Size : M10X1.5-6H</p> <p>CONT : 4 VOL : 0.044</p> <p>Note : SFH 7660 (Media wire mesh difference)</p>	<p><b>SFH 3555</b> Hydraulic Oil Filter Aluminium casting seat, Spin-On Synthetic Media</p> <p>CATERPILLAR 310568 INGERSOLL RAND 90536046 FORD 9576P163555</p>  <p>H 1 : 240 (mm) OD 1 : 94.5 (mm) Thread Size : 1 3/8-12 UNF-2B</p> <p>CONT : 12 VOL : 0.036</p>	<p><b>SFO 0009</b> Oil Filter Combination Spin-On Seamless</p> <p>J.C.BAMFORD 02/910965 CUMMINS 3401544 KOMATSU 6742-01-4540</p> <p>H 1 : 294 (mm) OD 1 : 118 (mm) Thread Size : 2 1/4-12 UNF-2B</p> <p>CONT : 6 VOL : 0.031</p> <p>Note : Multilayer</p>
<p><b>SFH 0225</b> Hydraulic Oil Filter Metal End Cap Element With Microfiber media</p> <p>DOOSAN 400504-00225</p>  <p>H 1 : 419 (mm) H 2 : 414 (mm) OD 1 : 150 (mm) ID 1 : 110 (mm)</p> <p>CONT : 1 VOL : 0.012</p>	<p><b>SFH 4035</b> Hydraulic Oil Filter Metal End Cap Element</p> <p>DOOSAN 400504-00035</p>  <p>H 1 : 420 (mm) H 2 : 416 (mm) OD 1 : 178 (mm) OD 2 : 178 (mm) ID 1 : 109 (mm) ID 2 : 109 (mm)</p> <p>CONT : 1 VOL : 0.018</p>	<p><b>SFO 1238</b> Oil Filter Full Flow Spin-On</p> <p>TCM 12163-82302 YANMAR 129150-35152 MAZDA RF01-23-802A</p>  <p>H 1 : 100 (mm) OD 1 : 90 (mm) Thread Size : M20X1.5-6H BPV (kg/cm<sup>2</sup>) : 1.0 ADBV : YES Gasket Type : Round</p> <p>CONT : 36 VOL : 0.040</p>
<p><b>SFH 0240</b> Hydraulic Oil Filter Aluminium casting end cap, Element</p> <p>DOOSAN 400504-00240</p>  <p>H 1 : 134 (mm) H 2 : 127 (mm) OD 1 : 44 (mm) OD 2 : 42.5 (mm) ID 1 : 22.5 (mm)</p> <p>CONT : 50 VOL : 0.053</p>	<p><b>SFH 4135</b> Hydraulic Oil Filter Metal End Cap Element Cellulose media</p> <p>HYUNDAI 31E3-0018 HITACHI 4294135 YAMASHIN DT-04-10-10 KUBOTA R1411-64930</p>  <p>H 1 : 87 (mm) H 2 : 83.5 (mm) OD 1 : 42.5 (mm) OD 2 : 42.5 (mm) ID 1 : 21.5 (mm)</p> <p>CONT : 50 VOL : 0.012</p> <p>Note : Wiremesh type uses SFH 8400</p>	<p><b>SFR 0062FW</b> Fuel/Water Separator Spin-On</p> <p>DAEWOO 400508-00062 DOOSAN 400508-00062</p>  <p>H 1 : 140 (mm) OD 1 : 108 (mm) Thread Size : M24X1.5-6H</p> <p>CONT : 12 VOL : 0.029</p>



**SFR 0063FW** Fuel/Water Separator Spin-On


DOOSAN 400508-00063

H 1 : 195 (mm)  
OD 1 : 107.7 (mm)  
Thread Size : M24X1.5-6H  
Gasket Type : Square

CONT : 12  
VOL : 0.039

**SFR 5110FW** Fuel/Water Separator Spin-On 10 Micron

CATERPILLAR 256-8753  
CUMMINS 3329289  
HITACHI 4377880



H 1 : 245 (mm)  
OD 1 : 93 (mm)  
Thread Size : 1-14 UNS-2B  
Gasket Type : Square

CONT : 6  
VOL : 0.018

**SFR 1010FW** Fuel/Water Separator Spin-On 10 Micron

CASE 335341A1  
CUMMINS 3413084  
DAEWOO 65125035016




H 1 : 174 (mm)  
OD 1 : 93 (mm)  
Thread Size : 1-14 UNS-2B  
Gasket Type : Square

CONT : 12  
VOL : 0.030

**SFW 2074** Coolant Filter Spin-On

CUMMINS 3100307  
CUMMINS 3315114  
CUMMINS 3316053




H 1 : 136 (mm)  
OD 1 : 93 (mm)  
Thread Size : 11/16-16 UNF-2B  
Gasket Type : Square

CONT : 12  
VOL : 0.021

Note : Coolants = 12 units

**SFR 271XFW** Fuel/Water Separator Spin-On 30 Micron

DOOSAN K1006530




H 1 : 149 (mm)  
OD 1 : 108 (mm)  
Thread Size : 1-14 UNS-2B  
Gasket Type : Square

CONT : 6  
VOL : 0.016

Note : bowl not included

**SFW 2076** Coolant Filter Spin-On

CUMMINS 3318319  
HITACHI 4266063



H 1 : 136 (mm)  
OD 1 : 93 (mm)  
Thread Size : 11/16-16 UNF-2B  
Gasket Type : Square

CONT : 12  
VOL : 0.022

Note : Coolants = 23 units

**SFR 4230FW** Fuel/Water Separator Spin-On 30 Micron

DAF 143 3649  
MAN 51.12503-0052



H 1 : 229 (mm)  
OD 1 : 108 (mm)  
Thread Size : 1-14 UNS-2B  
Gasket Type : Square

CONT : 6  
VOL : 0.023

Note : bowl not included

**SFR 4230FWB** Fuel/Water Separator Spin-On With Bowl 30 Micron

DAF 143 3649  
MAN 511.2503.0052



H 1 : 319 (mm)  
OD 1 : 108 (mm)  
Thread Size : 1-14 UNS-2B  
Gasket Type : Square

CONT : 6  
VOL : 0.030

Note : SFR 4230FW and SB 0420