



# Alfa Laval SX

## Product description

SX3	N	L	D	-	20	M	D	E	2	03	A	A	1	-	C	512	002	439
1	2	3	4		5	6	7	8	9	10	11	12	13		14	15	16	17
0000	0	0	0	-	00	0	0	0	0	0	0	0	0	-	0	000	000	000

### 1 MODEL SIZE

SX1  
SX2  
SX3  
SX4  
SX5  
SX6  
SX7

### 2 CASING CODE

N - Narrow  
W - wide

### 3 POWER FRAME

L - Long

### 4 SHAFT MATERIAL

D - Duplex

### 5 PORT SIZE

10 - 1" (1N)  
15 - 1.5" (1W, 2N)  
20 - 2" (2W, 3N, 4N)  
25 - 2.5" (3W, 4W, 5N)  
30 - 3" (5W, 6N)  
40 - 4" (6W, 7N)  
60 - 6" (7W)

### 6 CONNECTION TYPE

M - Tri-clamp

### 7 SEAL TYPE

D - Single Mechanical (R00)  
E - Double Mechanical Flushed (R00)  
F - Single Mechanical Flushed<sup>2</sup> (R00)

<sup>2</sup>Flush is external lip seal-furnished in Buna and/or SFY (Fluoroelastomer)

### 8 ELASTOMER

E - EPDM (Class IV)  
X - Silicone  
V - FPM (Viton)

### 9 SEAL FACE COMBINATIONS

0 - Carbon vs. SS  
2 - Carbon vs. SC  
4 - SC vs. SC

### 10 ROTOR TYPE & CLEARANCE

03 - 43 PSI (3 bar)  
05 - 70 PSI (5 bar)  
07 - 100 PSI (7 bar)  
10 - 145 PSI (10 bar)  
12 - 174 PSI (12 bar)  
15 - 215 PSI (15 bar)

### 11 SHAFT POSITION

A - Horizontal Port - (Top Side Drive)  
B - Horizontal Port - (Bottom Side Drive)  
C - Vertical Port - (Left Side Drive - Bi-Directional)

### 12 SURFACE FINISH & TRACEABILITY

A - 32 Ra Std.  
D - 32 Ra/Performance test

### 13 COVER OPTIONS

0 - Custom  
1 - No option  
2 - Jacket  
3 - 1/2" Tri-clamp drain  
4 - Aseptic

### 14 GEAR MOTOR TYPE

C - Premium Efficient  
D - Premium Efficient WD  
E - Inverter Duty  
F - Inverter Duty WD  
G - Explosion Proof  
H - Explosion Proof Inverter Duty  
J - SS Motor & Reducer Premium Eff WD  
K - SS Motor & Reducer Inverter Duty WD  
L - Inverter Duty W/D 50 Hz

### 15 GEAR MOTOR SIZE

302	702
402	712
512	802
602	812
612	902

### 16 HP

P50 - 0.5	010 - 10
P75 - 0.75	015 - 15
001 - 1	020 - 20
1P5 - 1.5	025 - 25
002 - 2	030 - 30
003 - 3	040 - 40
005 - 5	050 - 50
7P5 - 7.5	

### 17 GEAR MOTOR RPM

000 to 999

\* Sterling gearmotors are standard others available upon request.

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