

TSX Series

Hydraulic systems, lubrication systems, gearboxes



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Applications

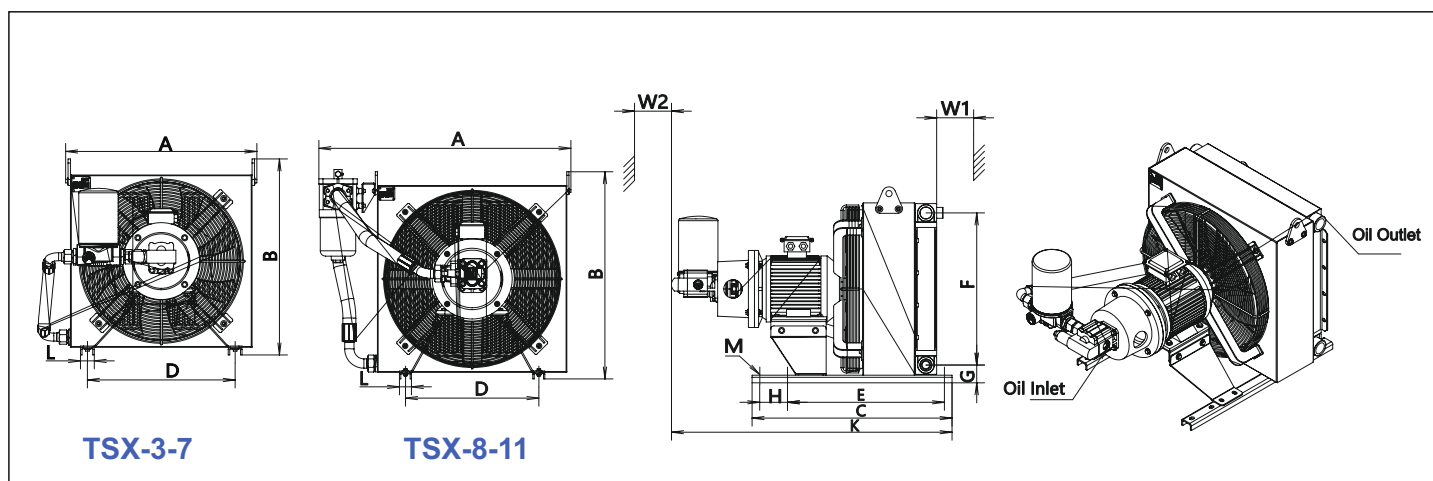
- 1.Hydraulic systems, lubrication systems, gearboxes, reducers, and spindle boxes.
- 2.Hydraulic systems with significant oil return pulses or insufficient cooling capabilities.

Features

- 1.The cooling motor runs in synchronization with the oil pump motor.
- 2.Optional components for alarms related to filters, temperature, pressure, or flow.
- 3.Sickle-shaped wind blades provide increased air volume and balance correction.
- 4.An air guide ring on housing for enhanced air suction efficiency.



Unit Dimensions



Model No.	TSX-3	TSX-4	TSX-5	TSX-6	TSX-7	TSX-8	TSX-9	TSX-10	TSX-11
A(±5)	427	532	587	632	632	950	1035	1185	1305
B(±5)	503	563	603	623	623	763	919	1059	1208
C(±2)	520	520	520	650	650	700	700	850	850
D(±2)	290	425	480	480	480	500	700	700	700
E(±2)	410	410	410	550	560	560	660	810	810
F(±5)	384	434	475	495	495	634	780	920	1070
G(±5)	50	55	55	55	55	55	60	60	60
H(±5)	70	70	70	50	40	100	X	X	X
K(±5)	785	790	795	915	995	1105	1135	1400	1555
L(±2)	40	40	40	45	45	45	55	55	22
M	12x18	12x18	12x18	12x18	12x18	12x18	14x22	14x22	14x22
W1	180	200	220	250	280	320	380	400	500
W2	380	400	450	500	550	650	750	800	1000

Technical Specifications

Model No.	TSX-3	TSX-4	TSX-5	TSX-6	TSX-7	TSX-8	TSX-9	TSX-10	TSX-11
Equivalent cooling power (kW/°C)	0.1/0.17	0.19/0.28	0.21/0.37	0.35/0.48	0.78/0.86	1/1.25	1.2/1.43	1.75/2	2.15/2.35
Oil pump displacement (ml/r)	4/16	6/20	8/25	12/32	32/40	50/63	50/80	100/125	100/125
Fan power (kW)	1.5	1.5	1.5	3	3	5.5	5.5	7.5	7.5
working voltage (V)	380	380	380	380	380	380	380	380	380
Number of motor poles	4	4	4	4	4	4	4	6	6
Max. working pressure	20	20	20	20	20	20	20	20	20
Radiator outlet thread	G1"	G1¼"	G1¼"	G1¼"	G1¼"	G1½"	G1½"	G1½"	G1½"
Radiator Thermometric thread	G3/8"	G3/8"	G3/8"	G3/8"	G3/8"	G3/8"	G3/8"	G3/8"	G3/8"
circulating pump inlet thread	ZG1"	ZG1"	G1"	G1"	SAE1½"	SAE1½"	SAE1½"	SAE1½" /SAE3	SAE1½" /SAE3
Noise level (dB)	74	76	80	84	84	88	92	93	95



Ordering Code

TS - X - 6 - A3 - 5 - W-25 - X - 0 - L1 - 0
1 2 3 4 5 6 7 8 9 10 11

1. Series

TS

2. Serial Number

X

3. Cooler Size Specifications

3/4/5/6/7/8/9/10/11

4. Motor Voltage

A2=AC220V A3=AC380V A4=AC415V

A5=AC440V A6=AC460V A7=AC660V

Beyond the above-mentioned (written in direct terms beyond the above scope)

5. Motor Frequency

5=50HZ 6=60HZ

6. Oil pump form

M= ordinary gear pump W= low noise transfer pump

7. Oil Pump Displacement

04,08,12,16,32,40,50,100.....

8. Wind Direction

X = Suction Type C = Blowing Type

9. Temperature Controller

0 = No Controller

T = Temperature Switch Action

Temperature T50 = 50°C, T60 = 60°C, T70 = 70°C

C = Temperature Transmitter C1 = Compact Type C2 = Digital Display Type

10. Oil Filter

O = No Filter

L1 = Filtration Precision 100µm

L2 = Filtration Precision 50µm

11. Radiator Protection

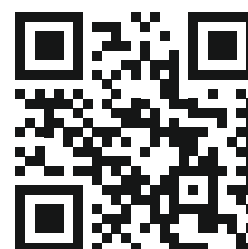
0 = No Protection S = Stone Guard

The specified data is for product description purposes only and may not be deemed to be guaranteed unless expressly confirmed in the contract.



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