

Water cooled oil cooler

Type PKWO, CE



Specification

Dimension	Part No.	PKWO-1038	PKWO-1538	PKWO-2045	PKWO-2545	PKWO-4057
ΦD		114	140	140	140	165
L1		1000	1040	1340	1740	1900
L2		856	936	1236	1536	1796
L3		450	550	840	1240	1240
L4		608	608	1048	1430	1500
F		120	120	120	120	315
G		168	180	180	180	220
H		237	260	260	260	160
ΦZ		12	12	12	12	12

Technical data

Heat exchange capacity on water temperature 35°C	Kw	4.6 ~ 8.2	10.3 ~ 17.6	18.6 ~ 27.2	29.8 ~ 45.5	42.5 ~ 70.0
Water flow	m ³ /h	2.0 ~ 4.5	3.0 ~ 6.0	3.0 ~ 6.5	3.0 ~ 7.5	3.4 ~ 10.0
Pressure drop	Bar	0.22	0.23	0.24	0.25	0.35
Oil flow	m ³ /h	0.5 ~ 0.7	0.7 ~ 1.4	1.4 ~ 2.2	2.1 ~ 3.8	2.9 ~ 5.5
Internal capacity in oil side	L	4.7	10.3	11.6	15.5	23.8
Max. Working pressure in oil side	Bar	28	28	28	28	28
Max. Working pressure in water side	Bar	10	10	10	10	10

Connection

① Oil inlet	$\Phi 38$	$\Phi 38$	$\Phi 45$	$\Phi 45$	$\Phi 57$
② Oil outlet	$\Phi 38$	$\Phi 38$	$\Phi 45$	$\Phi 45$	$\Phi 57$
③ Water inlet	G1"	G1"	G1-1/4"	G1-1/4"	G1-1/2"
④ Water outlet	G1"	G1"	G1-1/4"	G1-1/4"	G1-1/2"
⑤ Service valve connection	1/2"-14NPT	1/2"-14NPT	1/2"-14NPT	1/2"-14NPT	1/2"-14NPT
⑥ Drain	1/2"-14NPT	1/2"-14NPT	1/2"-14NPT	1/2"-14NPT	1/2"-14NPT
⑦ Oil discharge outlet	1/2"-14NPT	1/2"-14NPT	1/2"-14NPT	1/2"-14NPT	1/2"-14NPT

