WATER COOLED HEAT EXCHANGERS type MG

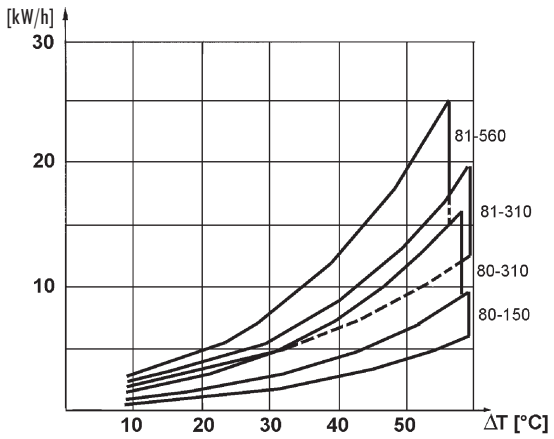
- Heat exchangers for oil cooling
- 4 circuits fresh water system
- For installation on return line of the system in horizontal position
- Suitable for mineral oils and water glycol fluids
- Max operating pressure : 12bar (test 18bar)
- Max operating temperature : 120°C

TECHNICAL DATA

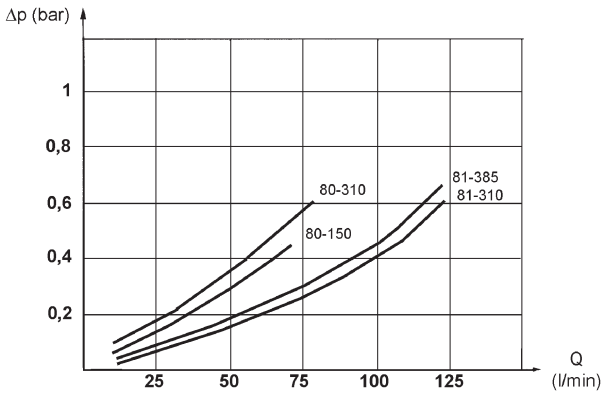
ORDERING CODE	OIL flow rate [l/min]	DISSIPATED ENERGY (Oil 55°C / Water 20°C) [kW]	
MG 80-150/4	25 to 75	3 to 6	- Water flow rate: 1 l/min each kW/h to be dissipated - Oil flow rates indicated are suggested for the best performance - For different temperatures of cooling water use following correction factors: 25°C=0,88 - 30°C=0,75 - 35°C=0.65
MG 80-310/4	25 to 80	5 to 10	
MG 81-310/4	50 to 120	8 to 13	
MG 81-560/4	60 to 150	12 to 18	

TYPICAL DIAGRAMS

Performance diagrams: typical energy dissipation at the maximum and minimum oil flow, depending on oil/water temperature difference.

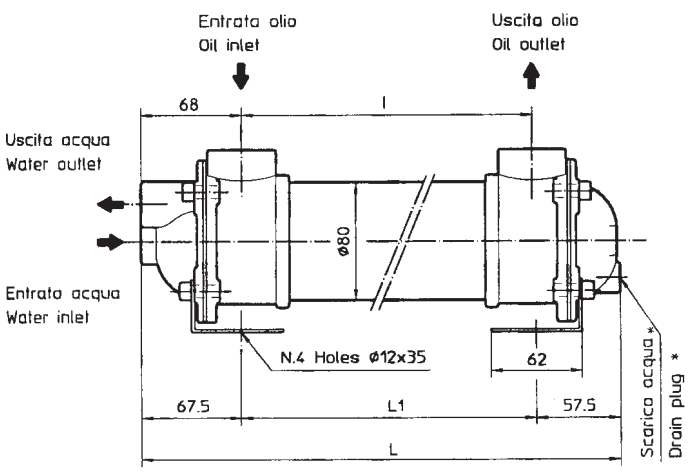


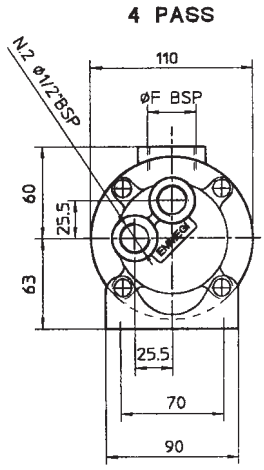
Pressure drops: typical Δp-Q curves with mineral oil and viscosity at 32cSt



OVERALL DIMENSIONS

MG 80

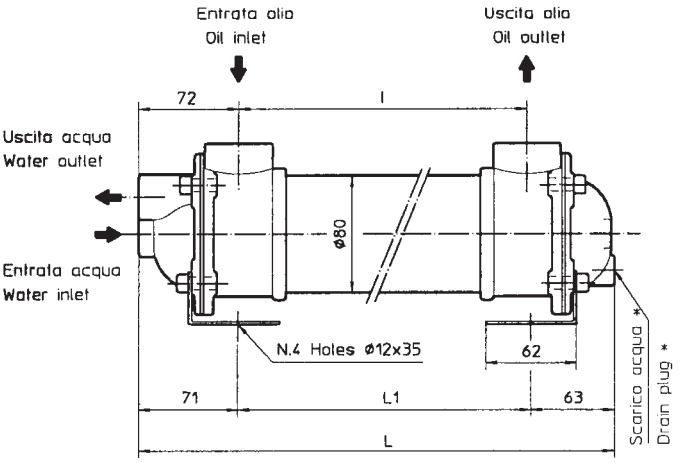


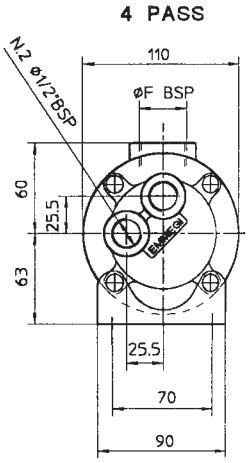


TECHNICAL DATA

TYPE	ØF	I [mm]	L [mm]	L1 [mm]	MASS [kg]
MG 80-150/4	1"	150	275	148	4,5
MG 80-310/4	1"	310	435	308	5,7

MG 81





TECHNICAL DATA

TYPE	ØF	I [mm]	L [mm]	L1 [mm]	MASS [kg]
MG 81-310/4	1 ½"	310	275	148	5,7
MG 81-560/4	1 ½"	560	435	308	7,5

Subject to technical and dimensional changes without notice