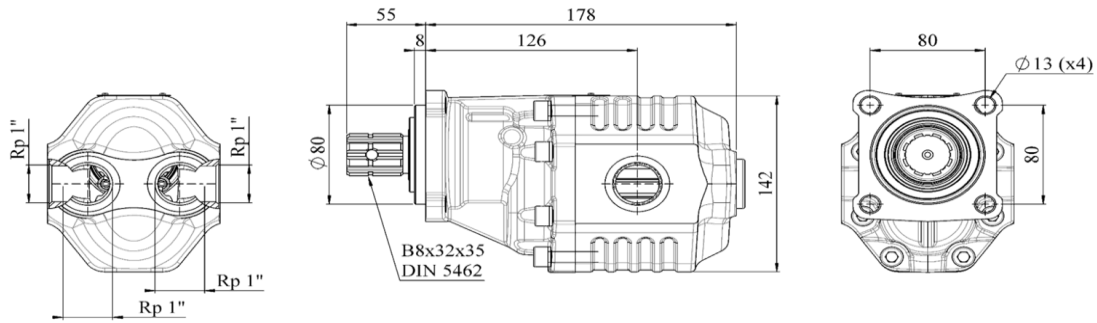


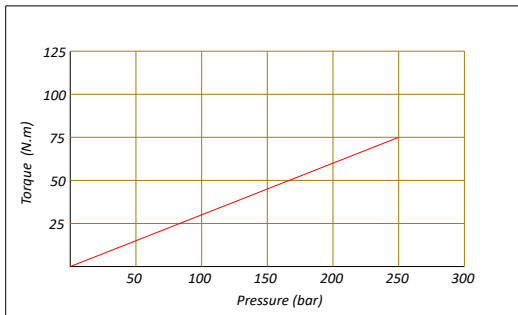
17 cc ISO 4 Bolt Bi-Rotational Gear Pump 4 Port



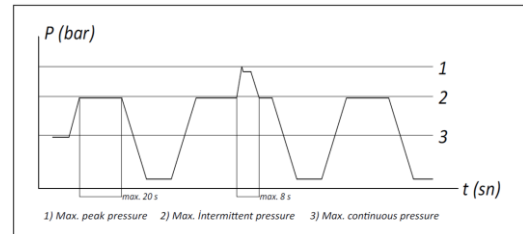
Specifications

Product Code	Displacement	Rotation	Working Pressure	Max.intermittent pressure	Max.peak pressure	Max.continuous speed	Max.speed at intermit. pressure	Oil temperature	Operating Viscosity Range	Oil inlet diameter	Oil Outlet diameter	Weight
33001751	17 cc/rev.	bi-rotational	290 bar	315 bar	325 bar	2500 1/min.	3000 1/min.	-20 & 80 °C	12 & 100 cSt	G 1"	G 1"	11,2 kg

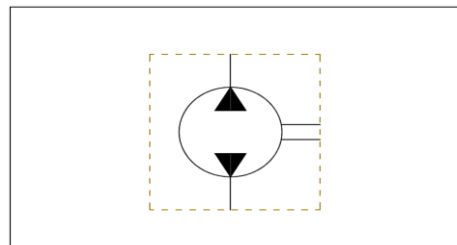
Torque - Pressure charesteristics



Pressure definition

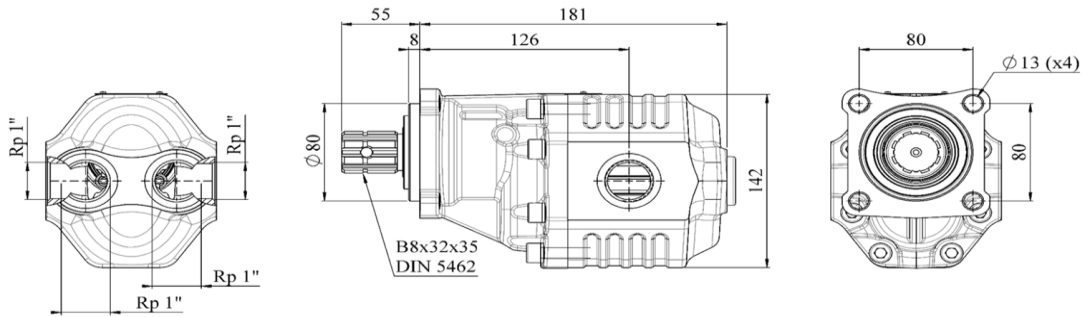


Hydraulic Pump Symbol





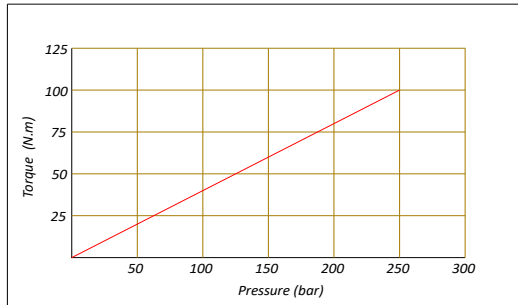
22 cc ISO 4 Bolt Bi-Rotational Gear Pump 4 Port



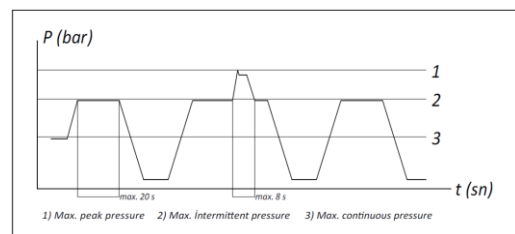
Specifications

Product Code	Displacement	Rotation	Working Pressure	Max.intermittent pressure	Max.peak pressure	Max.continuous speed	Max.speed at intermit. pressure	Oil temperature	Operating Viscosity Range	Oil inlet diameter	Oil Outlet diameter	Weight
33002251	22 cc/rev.	bi-rotational	290 bar	315 bar	325 bar	2500 1/min.	3000 1/min.	-20 & 80 °C	12 & 100 cSt	G 1"	G 1"	11,5 kg

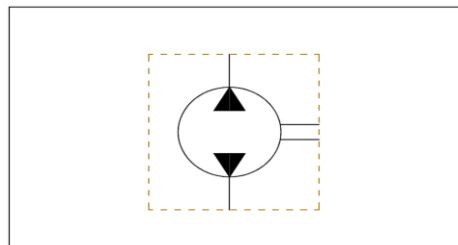
Torque - Pressure charesteristics



Pressure definition

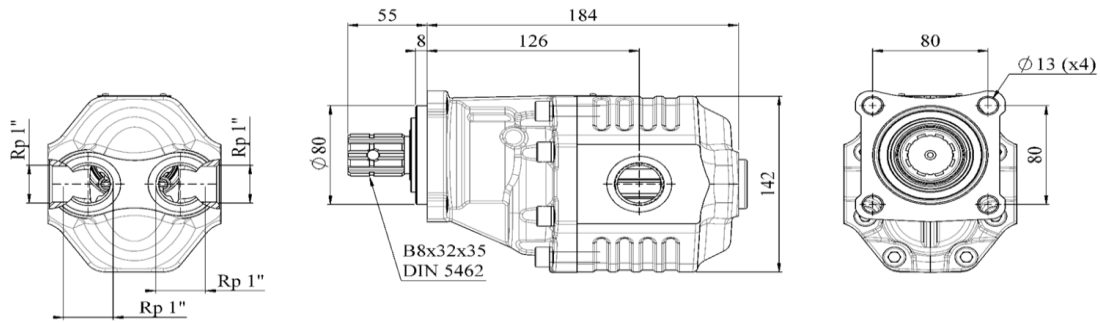


Hydraulic Pump Symbol





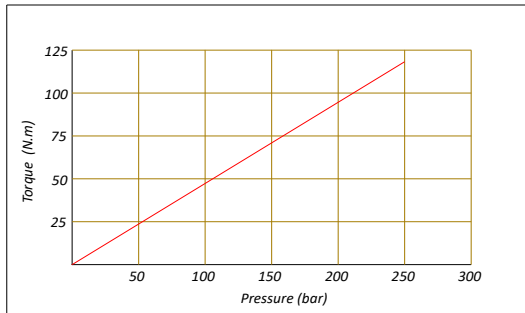
27 cc ISO 4 Bolt Bi-Rotational Gear Pump 4 Port



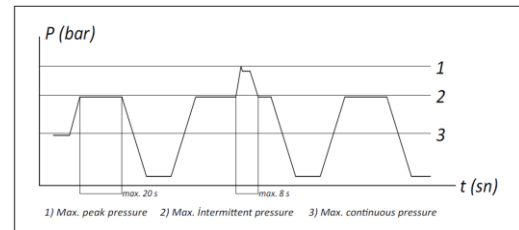
Specifications

Product Code	Displacement	Rotation	Working Pressure	Max.intermittent pressure	Max.peak pressure	Max.continuous speed	Max.speed at intermit. pressure	Oil temperature	Operating Viscosity Range	Oil inlet diameter	Oil Outlet diameter	Weight
33002751	27 cc/rev.	bi-rotational	290 bar	315 bar	325 bar	2500 1/min.	3000 1/min.	-20 & 80 °C	12 & 100 cSt	G 1"	G 1"	11,7 kg

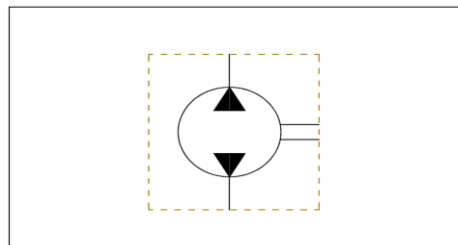
Torque - Pressure charesteristics



Pressure definition

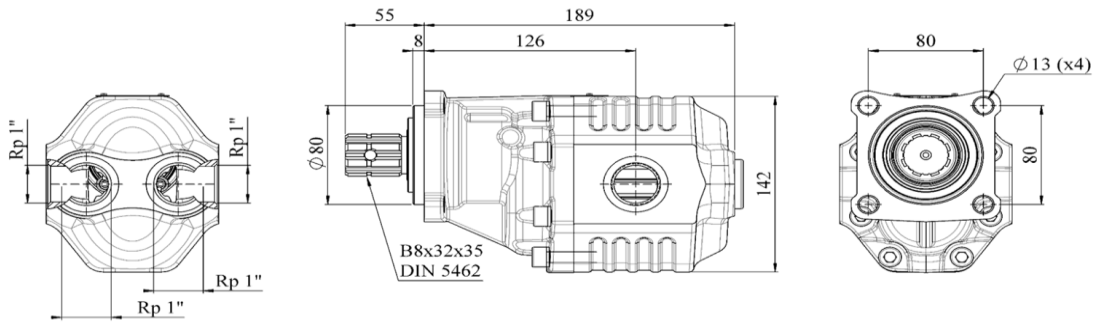


Hydraulic Pump Symbol





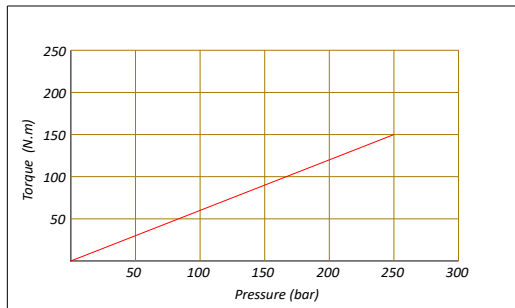
34 cc ISO 4 Bolt Bi-Rotational Gear Pump 4 Port



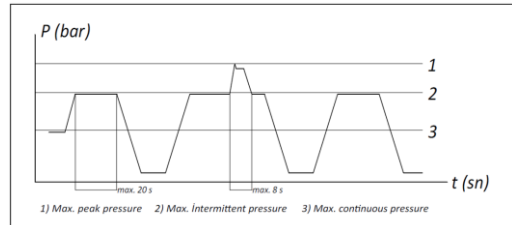
Specifications

Product Code	Displacement	Rotation	Working Pressure	Max.intermittent pressure	Max.peak pressure	Max.continuous speed	Max.speed at intermit. pressure	Oil temperature	Operating Viscosity Range	Oil inlet diameter	Oil Outlet diameter	Weight
33003451	34 cc/rev.	bi-rotational	280 bar	300 bar	310 bar	2200 1/min.	2800 1/min.	-20 & 80 °C	12 & 100 cSt	G 1"	G 1"	12,1 kg

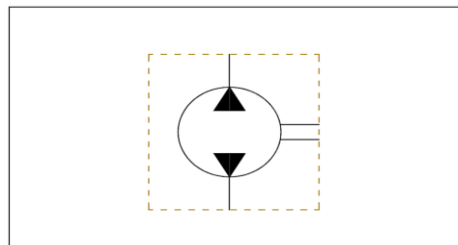
Torque - Pressure charesteristics



Pressure definition

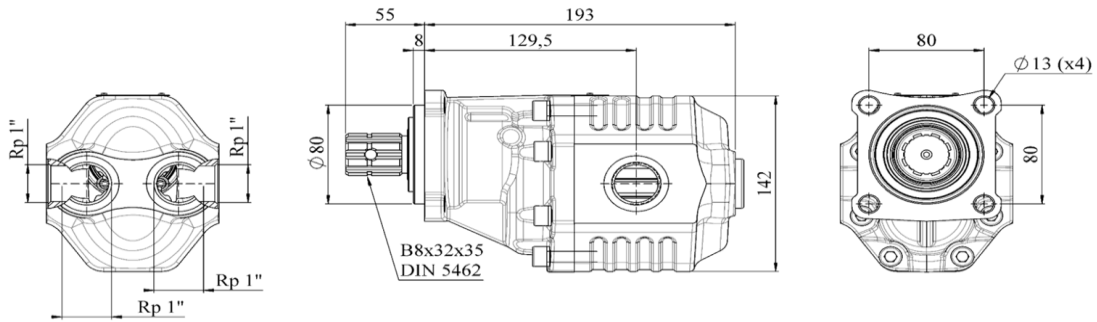


Hydraulic Pump Symbol





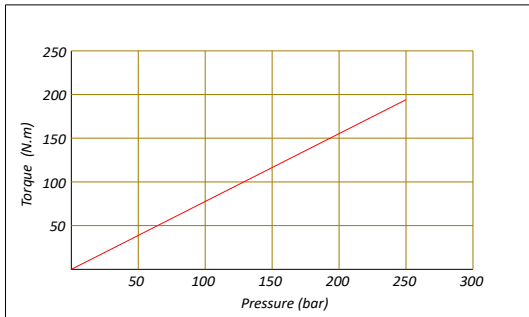
43 cc ISO 4 Bolt Bi-Rotational Gear Pump 4 Port



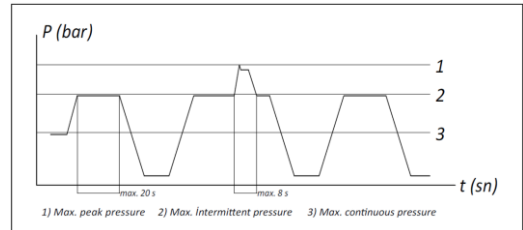
Specifications

Product Code	Displacement	Rotation	Working Pressure	Max.intermittent pressure	Max.peak pressure	Max.continuous speed	Max.speed at intermit. pressure	Oil temperature	Operating Viscosity Range	Oil inlet diameter	Oil Outlet diameter	Weight
33004351	43 cc/rev.	bi-rotational	270 bar	290 bar	300 bar	2000 1/min.	2500 1/min.	-20 & 80 °C	12 & 100 cSt	G 1"	G 1"	12,5 kg

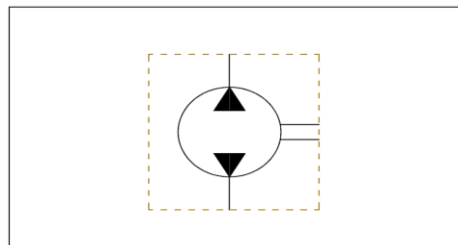
Torque - Pressure charesteristics



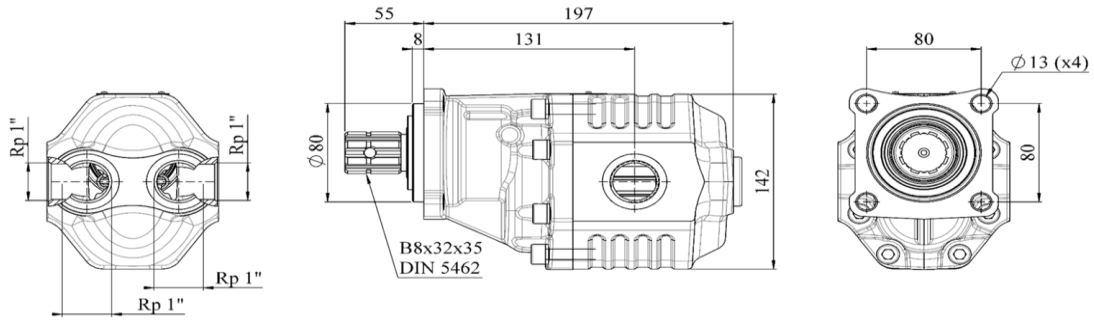
Pressure definition



Hydraulic Pump Symbol



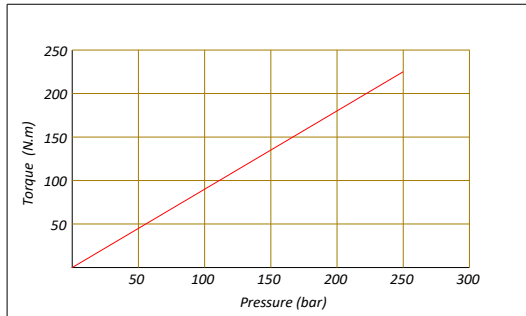
51 cc ISO 4 Bolt Bi-Rotational Gear Pump 4 Port



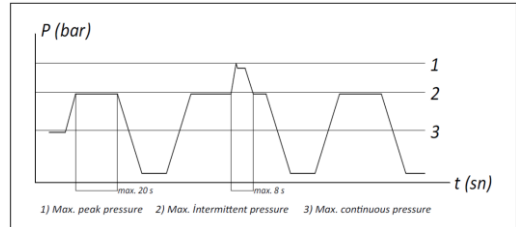
Specifications

Product Code	Displacement	Rotation	Working Pressure	Max.intermittent pressure	Max.peak pressure	Max.continuous speed	Max.speed at intermit. pressure	Oil temperature	Operating Viscosity Range	Oil inlet diameter	Oil Outlet diameter	Weight
33005151	51 cc/rev.	bi-rotational	240 bar	260 bar	280 bar	2000 1/min.	2500 1/min.	-20 & 80 °C	12 & 100 cSt	G 1"	G 1"	12,8 kg

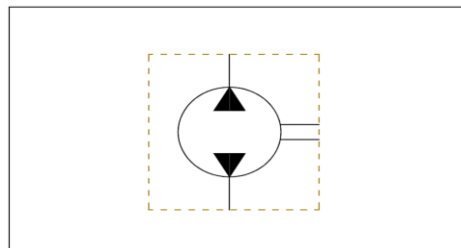
Torque - Pressure charesteristics



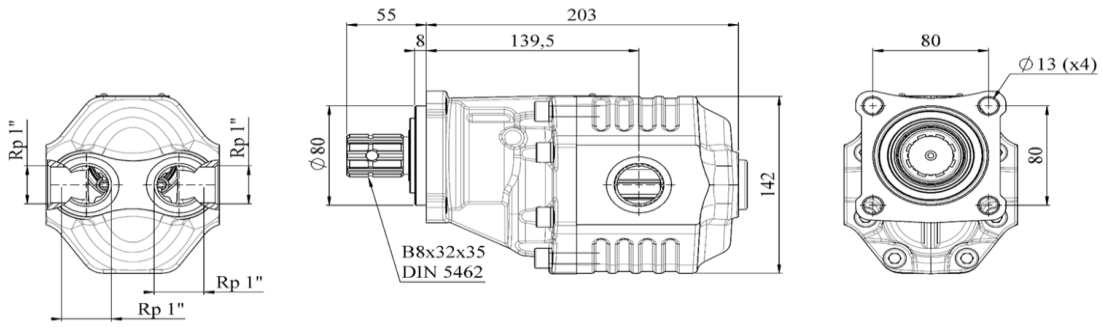
Pressure definition



Hydraulic Pump Symbol



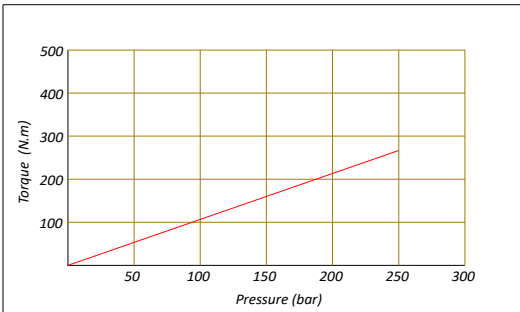
61 cc ISO 4 Bolt Bi-Rotational Gear Pump 4 Port



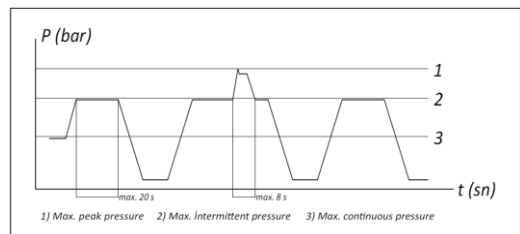
Specifications

Product Code	Displacement	Rotation	Working Pressure	Max.intermittent pressure	Max.peak pressure	Max.continuous speed	Max.speed at intermit. pressure	Oil temperature	Operating Viscosity Range	Oil inlet diameter	Oil Outlet diameter	Weight
33006151	61 cc/rev.	bi-rotational	220 bar	240 bar	250 bar	1900 1/min.	2500 1/min.	-20 & 80 °C	12 & 100 cSt	G 1"	G 1"	13,3 kg

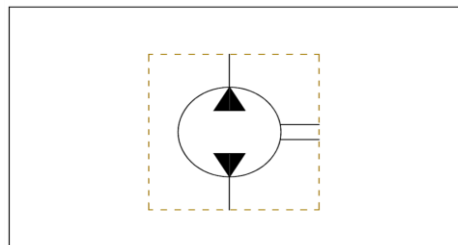
Torque - Pressure charesteristics



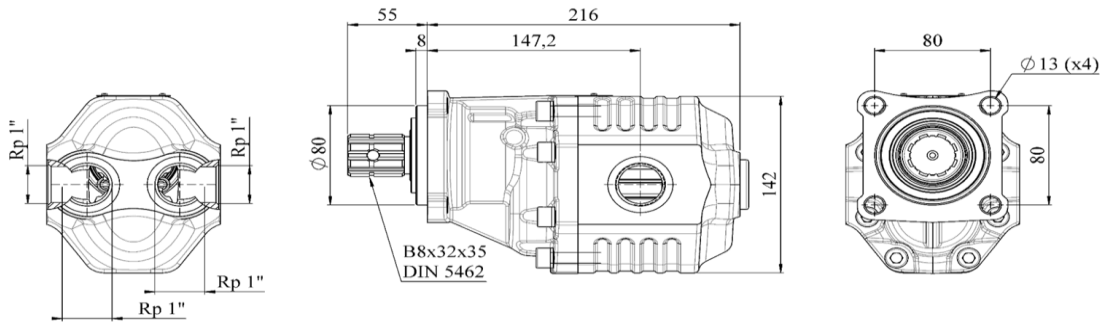
Pressure definition



Hydraulic Pump Symbol



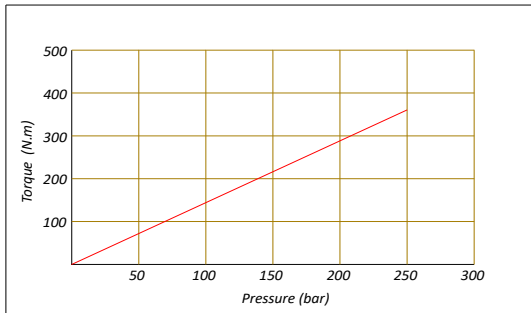
82 cc ISO 4 Bolt Bi-Rotational Gear Pump 4 Port



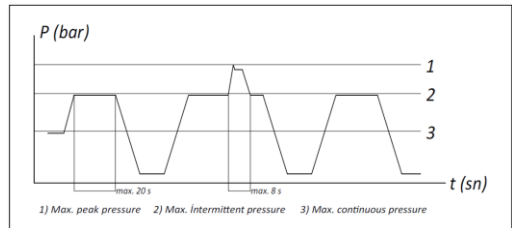
Specifications

Product Code	Displacement	Rotation	Working Pressure	Max.intermittent pressure	Max.peak pressure	Max.continuous speed	Max.speed at intermit. pressure	Oil temperature	Operating Viscosity Range	Oil inlet diameter	Oil Outlet diameter	Weight
33008251	82 cc/rev.	bi-rotational	205 bar	225 bar	230 bar	1900 1/min.	2500 1/min.	-20 & 80 °C	12 & 100 cSt	G 1"	G 1"	14,4 kg

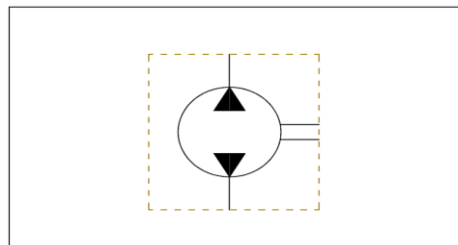
Torque - Pressure charesteristics



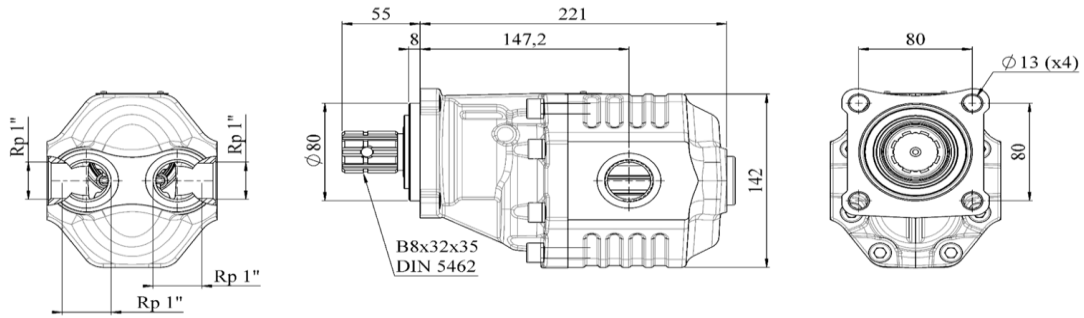
Pressure definition



Hydraulic Pump Symbol



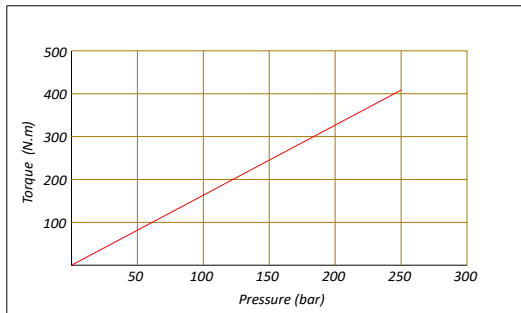
92 cc ISO 4 Bolt Bi-Rotational Gear Pump 4 Port



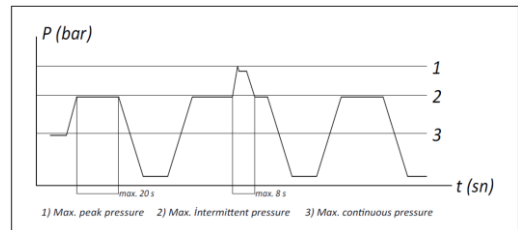
Specifications

Product Code	Displacement	Rotation	Working Pressure	Max.intermittent pressure	Max.peak pressure	Max.continuous speed	Max.speed at intermit. pressure	Oil temperature	Operating Viscosity Range	Oil inlet diameter	Oil Outlet diameter	Weight
33009251	92 cc/rev.	bi-rotational	180 bar	200 bar	220 bar	1900 1/min.	2500 1/min.	-20 & 80 °C	12 & 100 cSt	G 1"	G 1"	14,9 kg

Torque - Pressure charesteristics



Pressure definition



Hydraulic Pump Symbol

