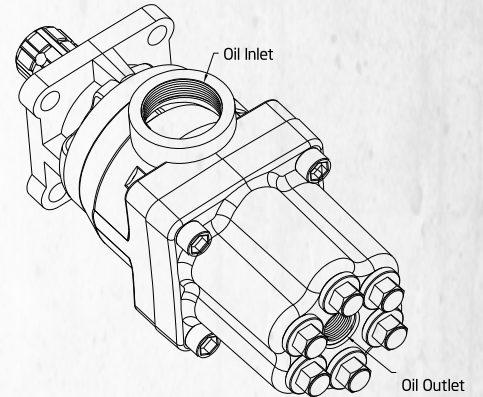
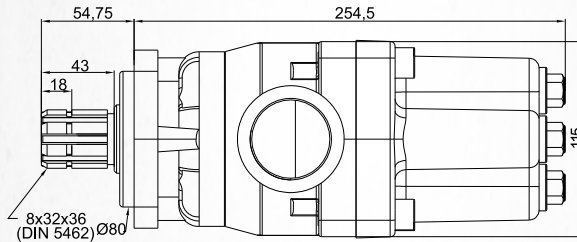
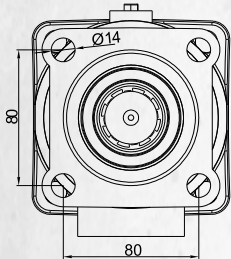




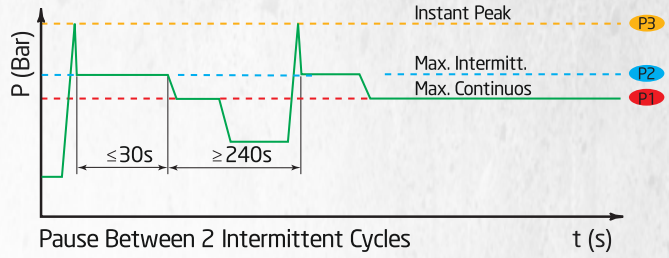
High Pressure Piston Pump  
ISO Connection  
Single Flow  
Bi-Directional  
8x32x36  
DIN 5462



- \*Direction is Bi-Directional
- \*Nitration body
- \*Nodular cast iron 3G-40 body and cover
- \*Forged steel 8620 of Crank and annealing 58-60 HRC with 1,5mm depth
- \*Used 2 bearing is same pump; one of is 31308 Timken Bearing and other one is special designed in 3 stage
- \*Used bushing as Federalmogul and GGB brands
- \*Used 2 felts and one of them is viton

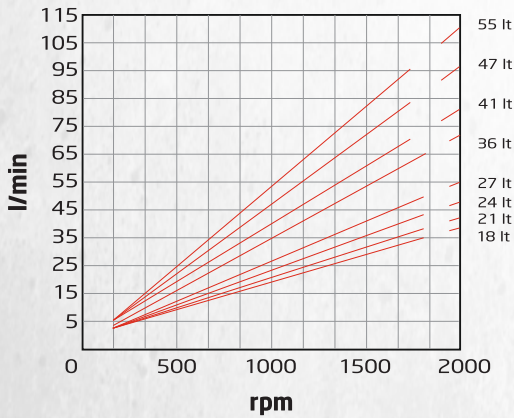
Code	120H18H	120H20H	120H24H	120H27H	120H36H	120H41H	120H48H	120H55H
Capacite	18	20	24	27	36	41	48	55
l/min rpm 1000	18,0	20,0	24,0	27,0	36,0	40,5	48,0	55,0
Displacement cm <sup>3</sup> /rev	18,0	20,0	24,0	27,0	36,0	40,5	48,0	55,0
Working Pressure (Bar)	350	350	350	350	350	350	350	350
Max. Pressure (Bar)	600	600	600	600	600	600	600	600
Inlet/Outlet	R1"1/2 R3/4"	R1"1/2 R3/4"	R1"1/2 R3/4"	R1"1/2 R3/4"	R1"1/2 R3/4"	R1"1/2 R3/4"	R1"1/2 R3/4"	R1"1/2 R3/4"
Weight Kg	15,5	15,5	15,5	15,5	16	16,5	16,5	16,5

- Inlet pressure : 0.7 ÷ 1.5 bar (absolute)
- Operating viscosity range : 12 ÷ 100 cSt
- Fluid temperature °C (t) : -10° + 80° C

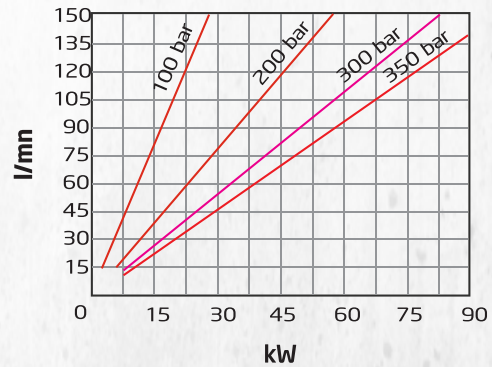


		120H18H	120H20H	120H24H	120H27H	120H36H	120H41H	120H48H	120H55H
Displacement cm <sup>3</sup> /rev		18,0	20,0	24,0	27,0	36,0	40,5	48,0	55,0
Max.Working Pressure (Bar)	P1	350	350	350	350	350	350	350	350
Max.Interm. Work. Pressure (Bar) max 30s	P2	400	400	400	400	400	400	400	400
Max. Peak Pressure (Bar) (≤0.1s)	P3	600	600	600	600	600	600	600	600
Max. Interm. Speed (n/min r.p.m.) (P ≤ 20 Bar)	n3	2000	2000	2000	2000	2000	2000	2000	2000
Max. Continuous Speed (n/min r.p.m.) (P ≤ 1)	n1	1500	1500	1500	1500	1500	1500	1500	1500
Min. Interm. Speed (n/min r.p.m.) (≤P2x0.5)	n4	300	300	300	300	300	300	300	300

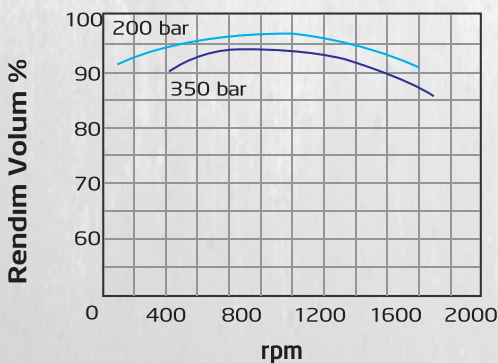
### Capacity



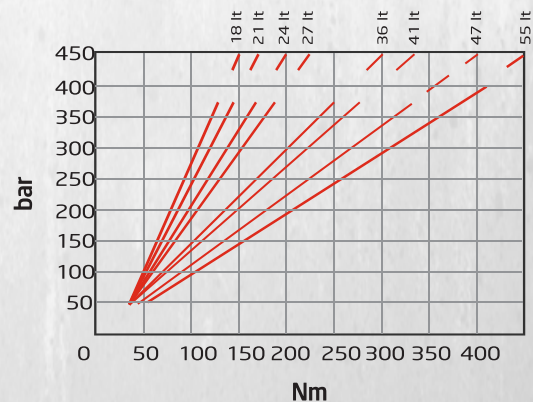
### Power Input



### Volumetric Efficiency



### Drive Torque

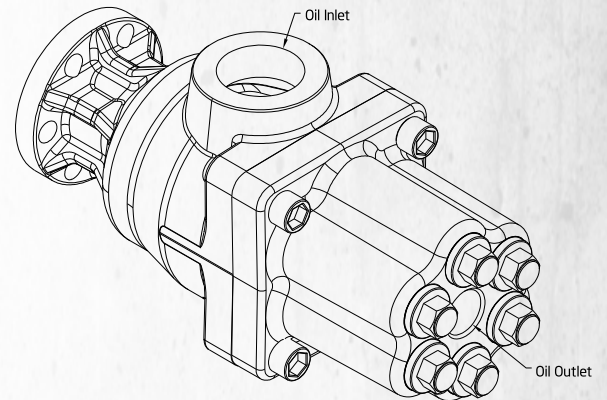
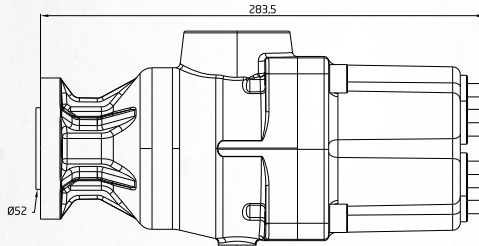
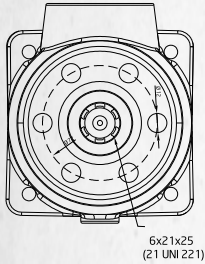


Technical Data

Diagrams



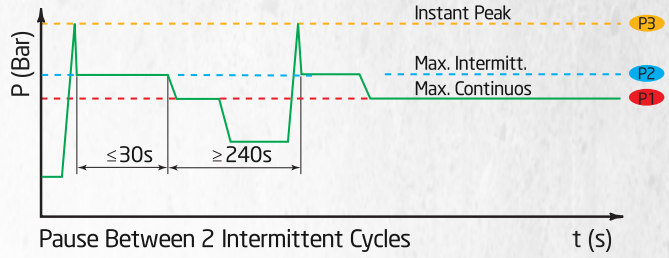
High Pressure Piston Pump  
UNI Connection  
Single Flow  
Bi-Directional  
6x21x25  
21UNI221



- \*Direction is Bi-Directional
- \*Nitration body
- \*Nodular cast iron 3G-40 body and cover
- \*Forged steel 8620 of Crank and annealing 58-60 HRC with 1,5mm depth
- \*Used 2 bearing is same pump; one of is 31308 Timken Bearing and other one is special designed in 3 stage
- \*Used bushing as Federalmogul and GGB brands
- \*Used 2 felts and one of them is viton

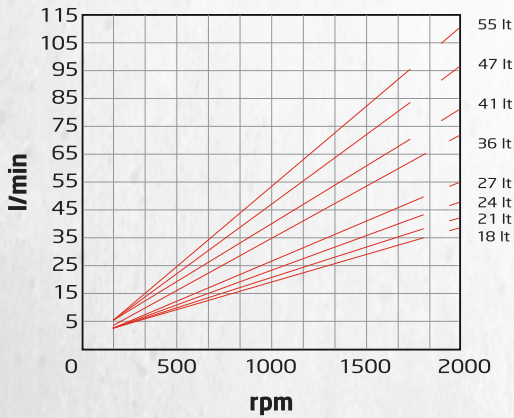
Code	110H18H	110H20H	110H24H	110H27H	110H36H	110H41H	110H48H	110H55H
Capacite	18	20	24	27	36	41	48	55
l/min rpm 1000	18,0	20,0	24,0	27,0	36,0	40,5	48,0	55,0
Displacement cm <sup>3</sup> /rev	18,0	20,0	24,0	27,0	36,0	40,5	48,0	55,0
Working Pressure (Bar)	350	350	350	350	350	350	350	350
Max. Pressure (Bar)	600	600	600	600	600	600	600	600
Inlet/Outlet	R1"1/2 R3/4"	R1"1/2 R3/4"	R1"1/2 R3/4"	R1"1/2 R3/4"	R1"1/2 R3/4"	R1"1/2 R3/4"	R1"1/2 R3/4"	R1"1/2 R3/4"
Weight Kg	15,5	15,5	15,5	15,5	16	16,5	16,5	16,5

- Inlet pressure : 0.7 ÷ 1.5 bar (absolute)
- Operating viscosity range : 12 ÷ 100 cSt
- Fluid temperature °C (t) : -10° + 80° C

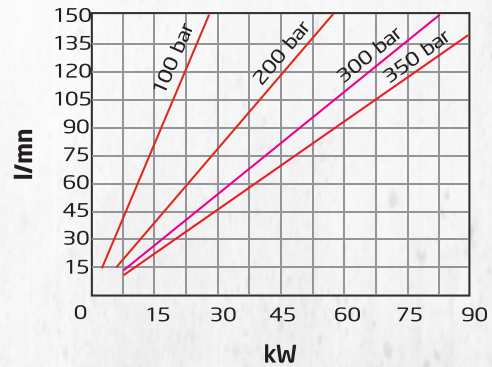


		120H18H	120H20H	120H24H	120H27H	120H36H	120H41H	120H48H	120H55H
Displacement cm <sup>3</sup> /rev		18,0	20,0	24,0	27,0	36,0	40,5	48,0	55,0
Max. Working Pressure (Bar)	P1	350	350	350	350	350	350	350	350
Max. Interm. Work. Pressure (Bar) max 30s	P2	400	400	400	400	400	400	400	400
Max. Peak Pressure (Bar) (≤ 0.1s)	P3	600	600	600	600	600	600	600	600
Max. Interm. Speed (n/min r.p.m.) (P ≤ 20 Bar)	n3	2000	2000	2000	2000	2000	2000	2000	2000
Max. Continuous Speed (n/min r.p.m.) (P ≤ 1)	n1	1500	1500	1500	1500	1500	1500	1500	1500
Min. Interm. Speed (n/min r.p.m.) (≤ P2x0.5)	n4	300	300	300	300	300	300	300	300

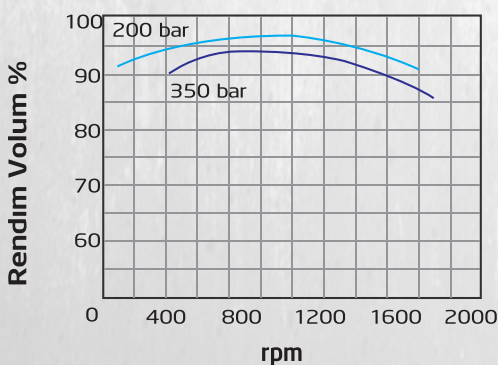
### Capacity



### Power Input



### Volumetric Efficiency



### Drive Torque

