

# PRF-3

## Bent Axis Hydraulic Piston **Motors** (High Pressure)

Bent Axis Hydraulic Piston Motors, Single Flow, Single Output.  
High Pressure, High Rotational Speed, High Efficiency, Slim Design.  
Cast Iron Pump Body, Re-Designed in .

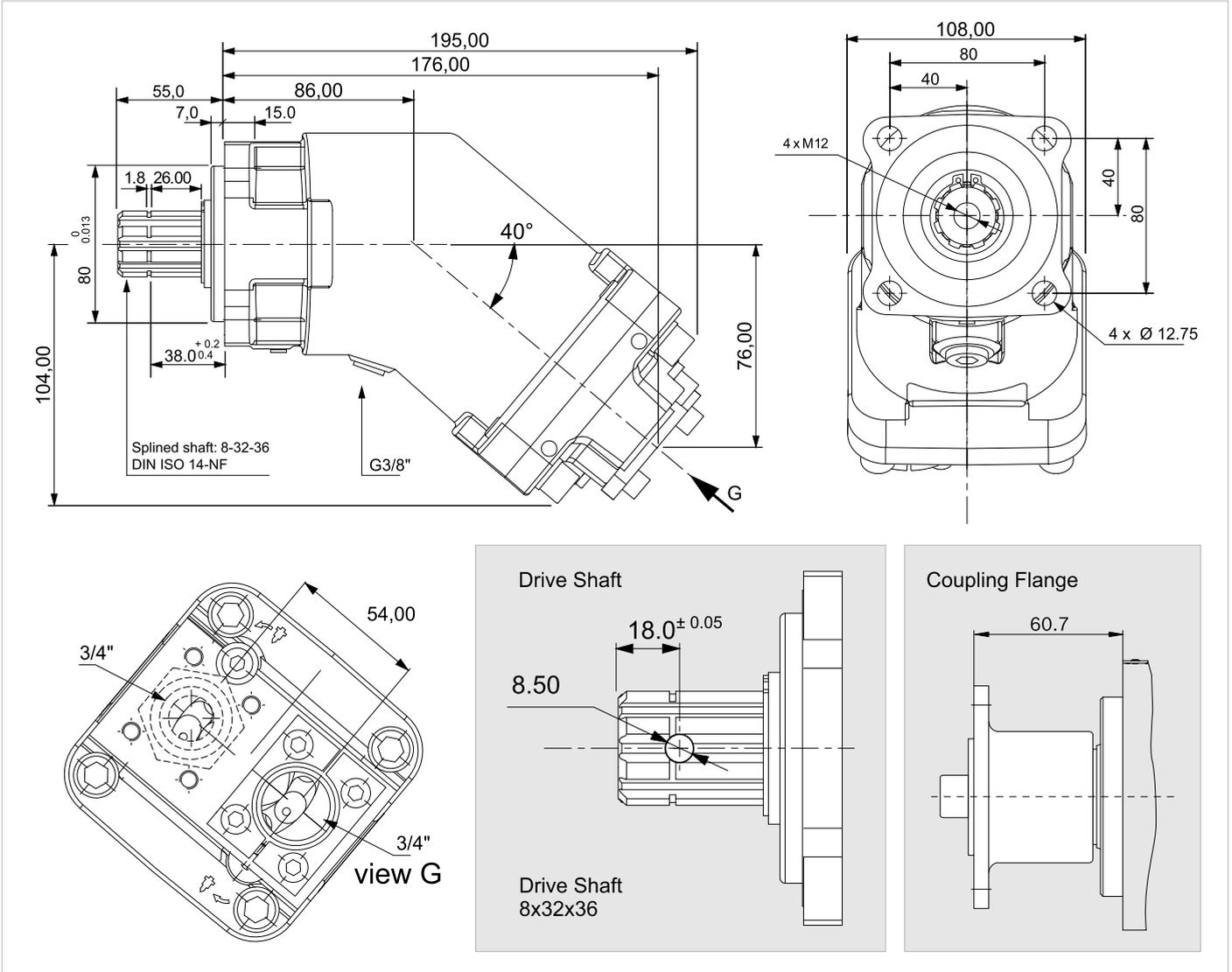
### Designation;

12cc, 18cc, 25cc, 32cc, 41cc,  
50cc, 63cc, 80cc, 108cc, 130cc

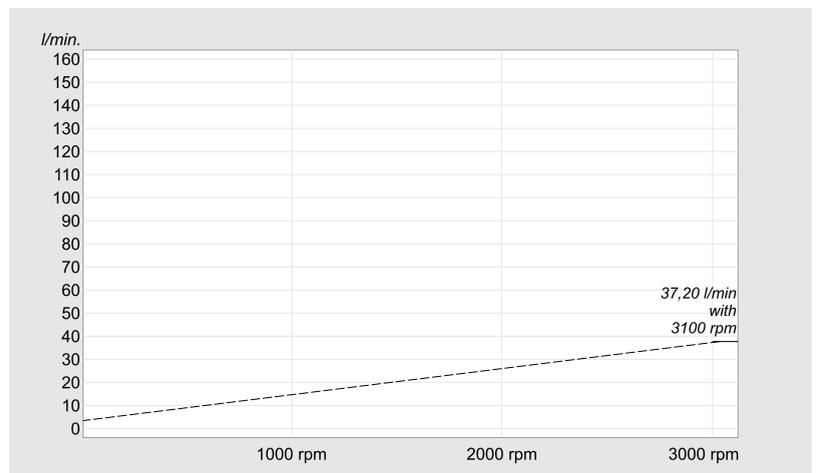
HIGH PRESSURE, HIGH SPEED



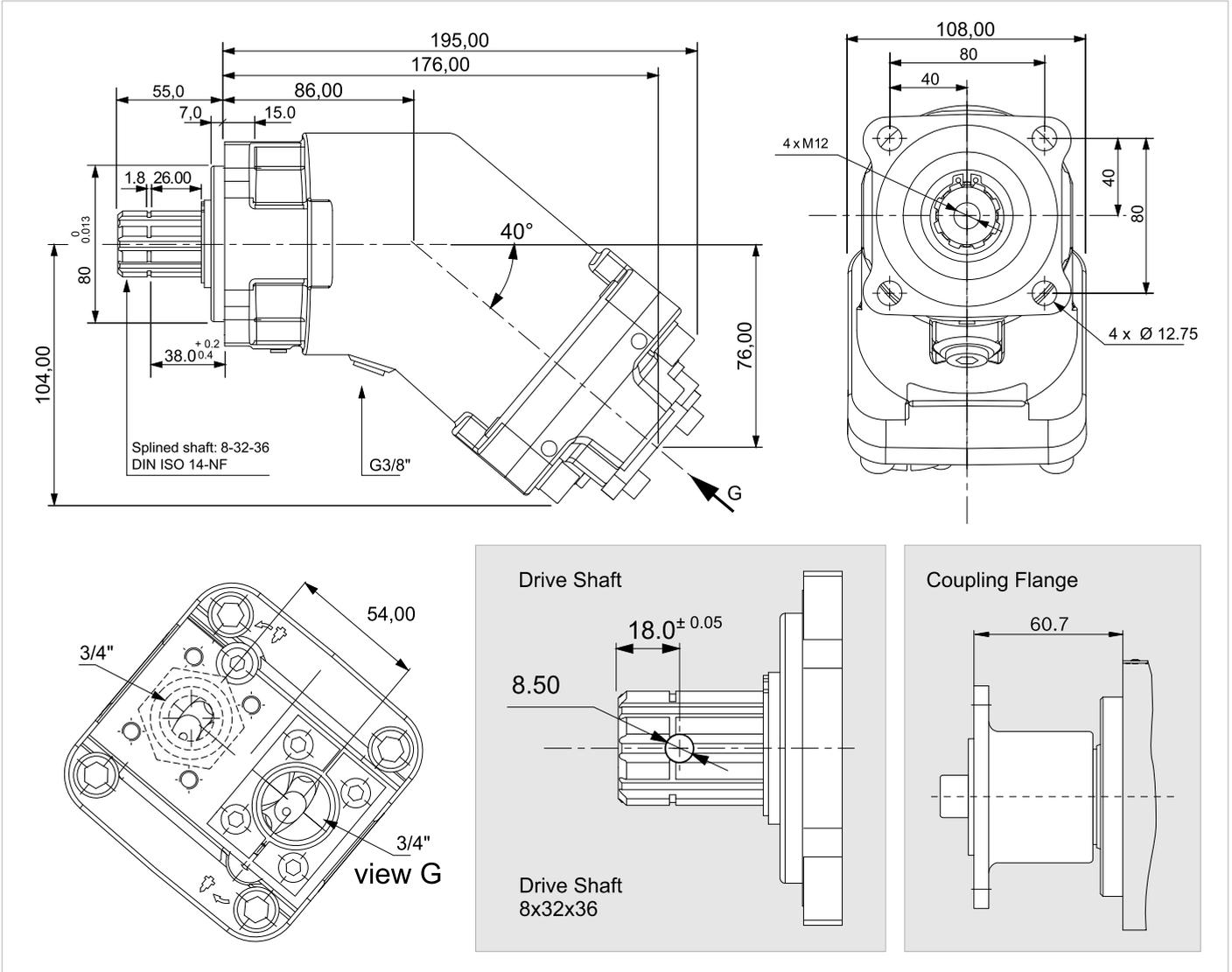
# PRF-3 12 cc



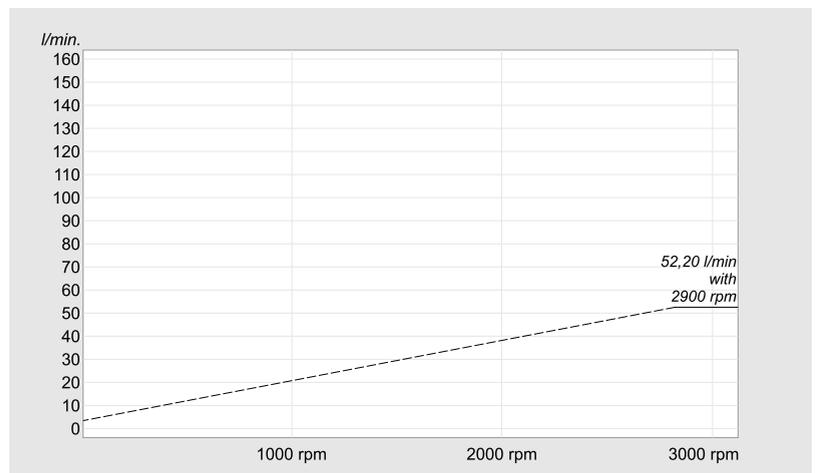
<b>x 1000 rpm</b>	12,00 cc
<b>x 1500 rpm</b>	18,00 cc
<b>Max. Continuous Pump Speed</b>	2300 rpm
<b>Max. Limited Pump Speed</b>	3100 rpm
<b>Max. Continuous Pressure</b>	350 bar
<b>Max. Intermit. Peak Pressure</b>	400 bar
<b>Max. Torque at 350 bar</b>	71 Nm
<b>Weight without inlet fitting</b>	9,00 kg
<b>Weight with inlet fitting</b>	9,40 kg
<b>Torque without inlet fitting</b>	8,70 N.m
<b>Torque with inlet fitting</b>	9,15 N.m
<b>Rotation</b>	CW-CCW
<b>Fluid</b>	Min.B.Hyd.Oil
<b>Inlet &amp; Outlet</b>	3/4"



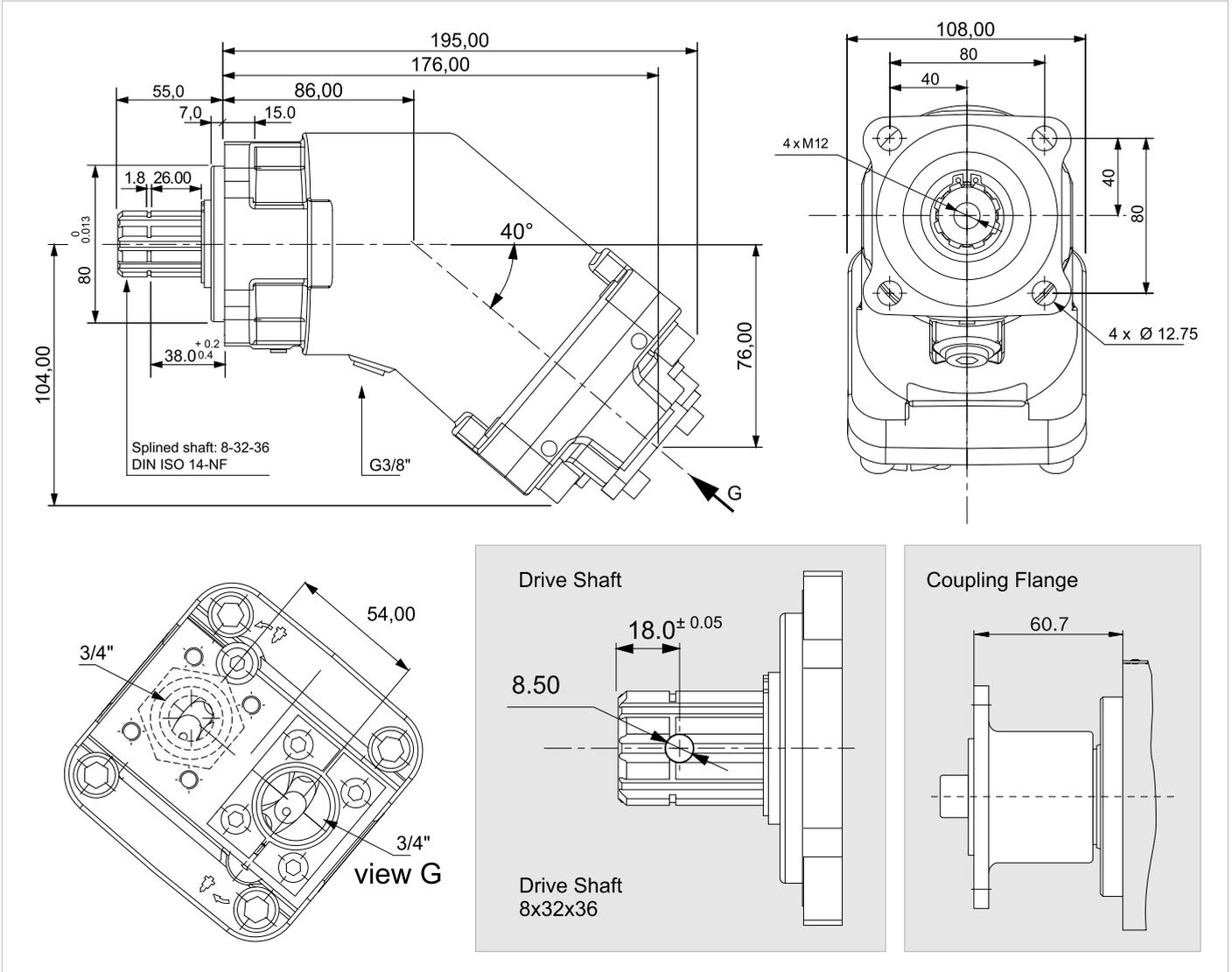
# PRF-3 18 cc



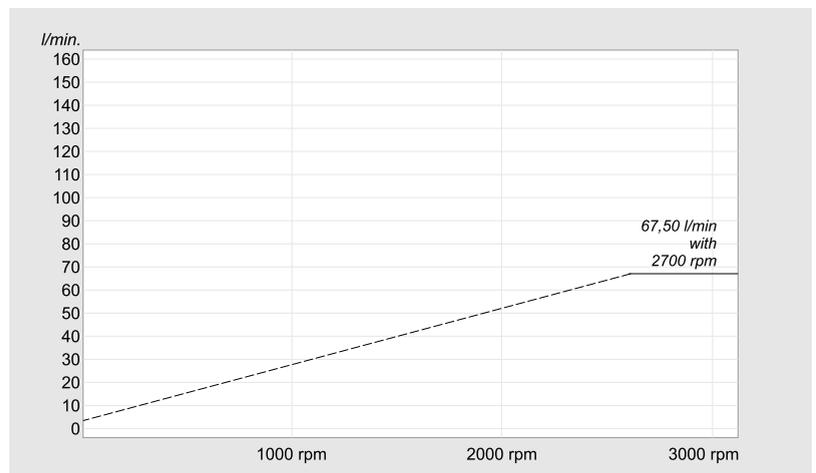
<b>x 1000 rpm</b>	18,00 cc
<b>x 1500 rpm</b>	27,00 cc
<b>Max. Continuous Pump Speed</b>	2300 rpm
<b>Max. Limited Pump Speed</b>	2900 rpm
<b>Max. Continuous Pressure</b>	350 bar
<b>Max. Intermit. Peak Pressure</b>	400 bar
<b>Max. Torque at 350 bar</b>	105 Nm
<b>Weight without inlet fitting</b>	9,00 kg
<b>Weight with inlet fitting</b>	9,40 kg
<b>Torque without inlet fitting</b>	8,75 N.m
<b>Torque with inlet fitting</b>	9,19 N.m
<b>Rotation</b>	CW-CCW
<b>Fluid</b>	Min.B.Hyd.Oil
<b>Inlet &amp; Outlet</b>	3/4"



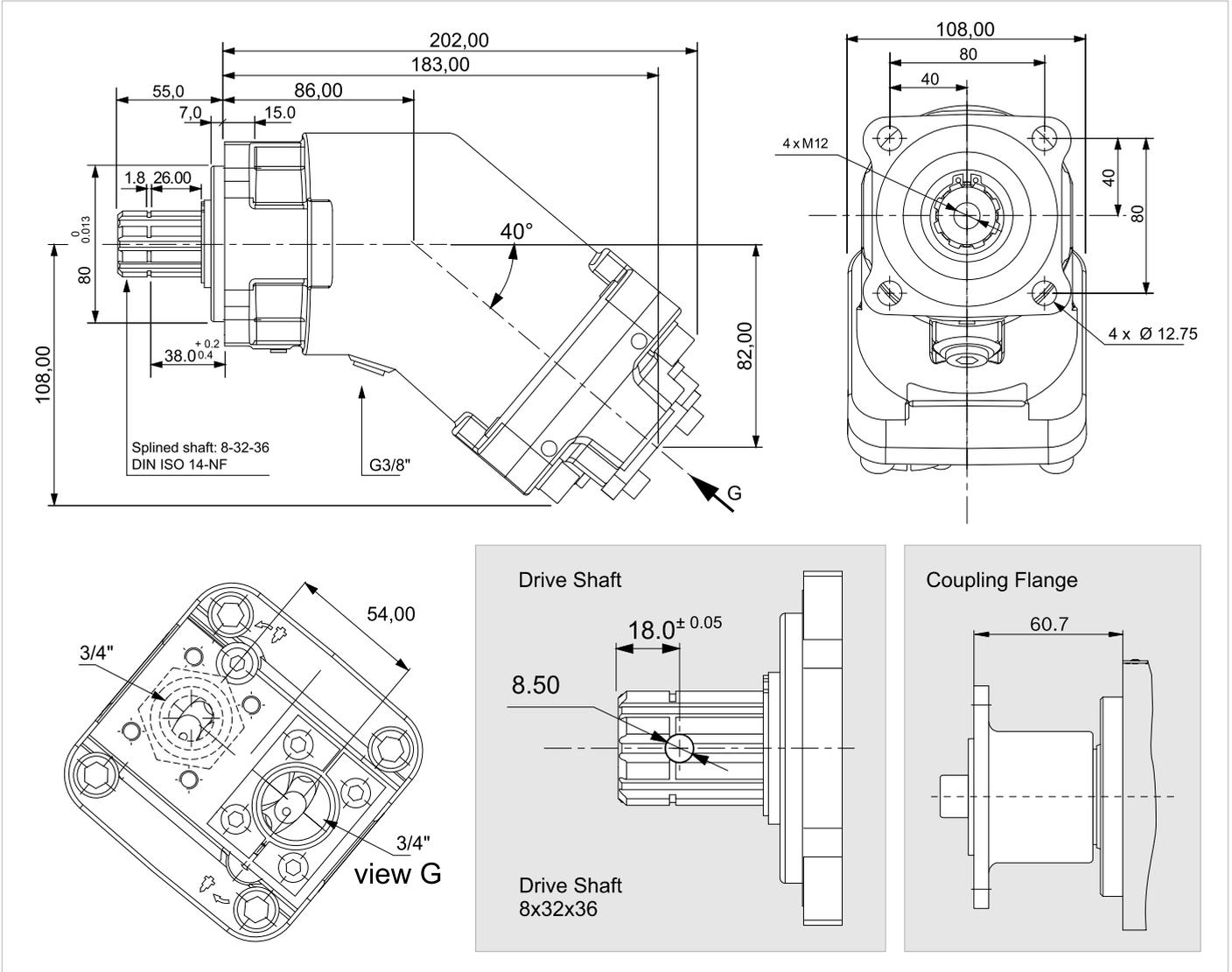
# PRF-3 25 cc



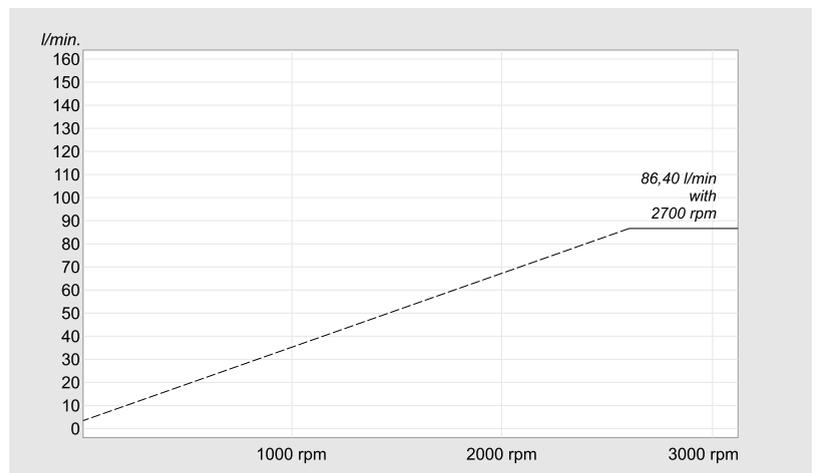
<b>x 1000 rpm</b>	25,00 cc
<b>x 1500 rpm</b>	37,50 cc
<b>Max. Continuous Pump Speed</b>	2300 rpm
<b>Max. Limited Pump Speed</b>	2700 rpm
<b>Max. Continuous Pressure</b>	350 bar
<b>Max. Intermit. Peak Pressure</b>	400 bar
<b>Max. Torque at 350 bar</b>	146 Nm
<b>Weight without inlet fitting</b>	9,50 kg
<b>Weight with inlet fitting</b>	9,90 kg
<b>Torque without inlet fitting</b>	8,82 N.m
<b>Torque with inlet fitting</b>	9,23 N.m
<b>Rotation</b>	CW-CCW
<b>Fluid</b>	Min.B.Hyd.Oil
<b>Inlet &amp; Outlet</b>	3/4"



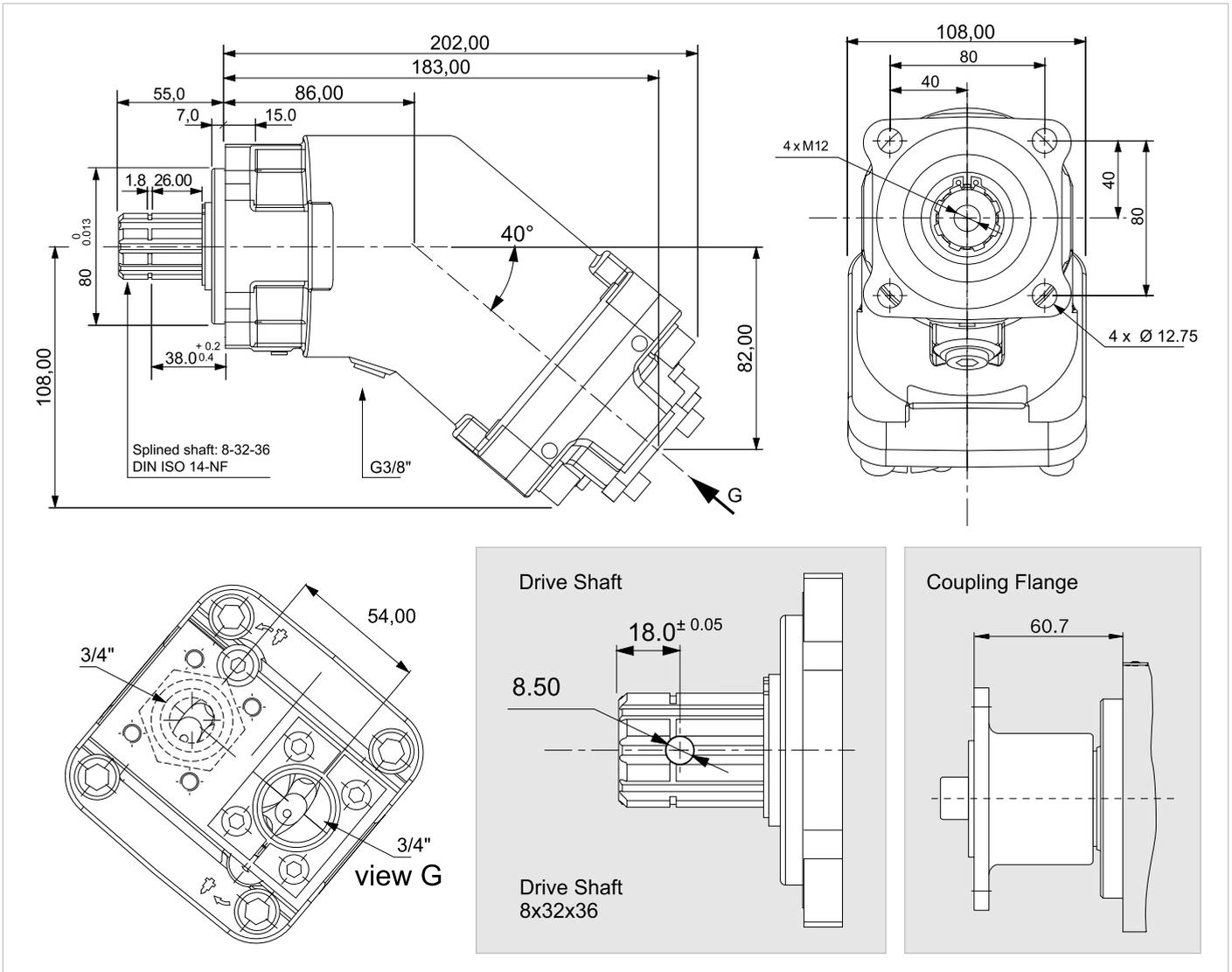
# PRF-3 32 cc



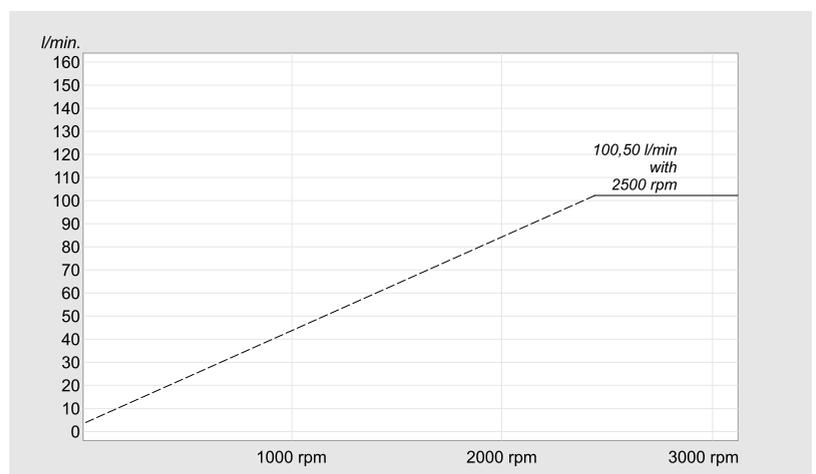
<b>x 1000 rpm</b>	32,00 cc
<b>x 1500 rpm</b>	48,00 cc
<b>Max. Continuous Pump Speed</b>	2250 rpm
<b>Max. Limited Pump Speed</b>	2700 rpm
<b>Max. Continuous Pressure</b>	350 bar
<b>Max. Intermit. Peak Pressure</b>	400 bar
<b>Max. Torque at 350 bar</b>	190 Nm
<b>Weight without inlet fitting</b>	10,50 kg
<b>Weight with inlet fitting</b>	10,90 kg
<b>Torque without inlet fitting</b>	11,00 N.m
<b>Torque with inlet fitting</b>	11,52 N.m
<b>Rotation</b>	CW-CCW
<b>Fluid</b>	Min.B.Hyd.Oil
<b>Inlet &amp; Outlet</b>	3/4"



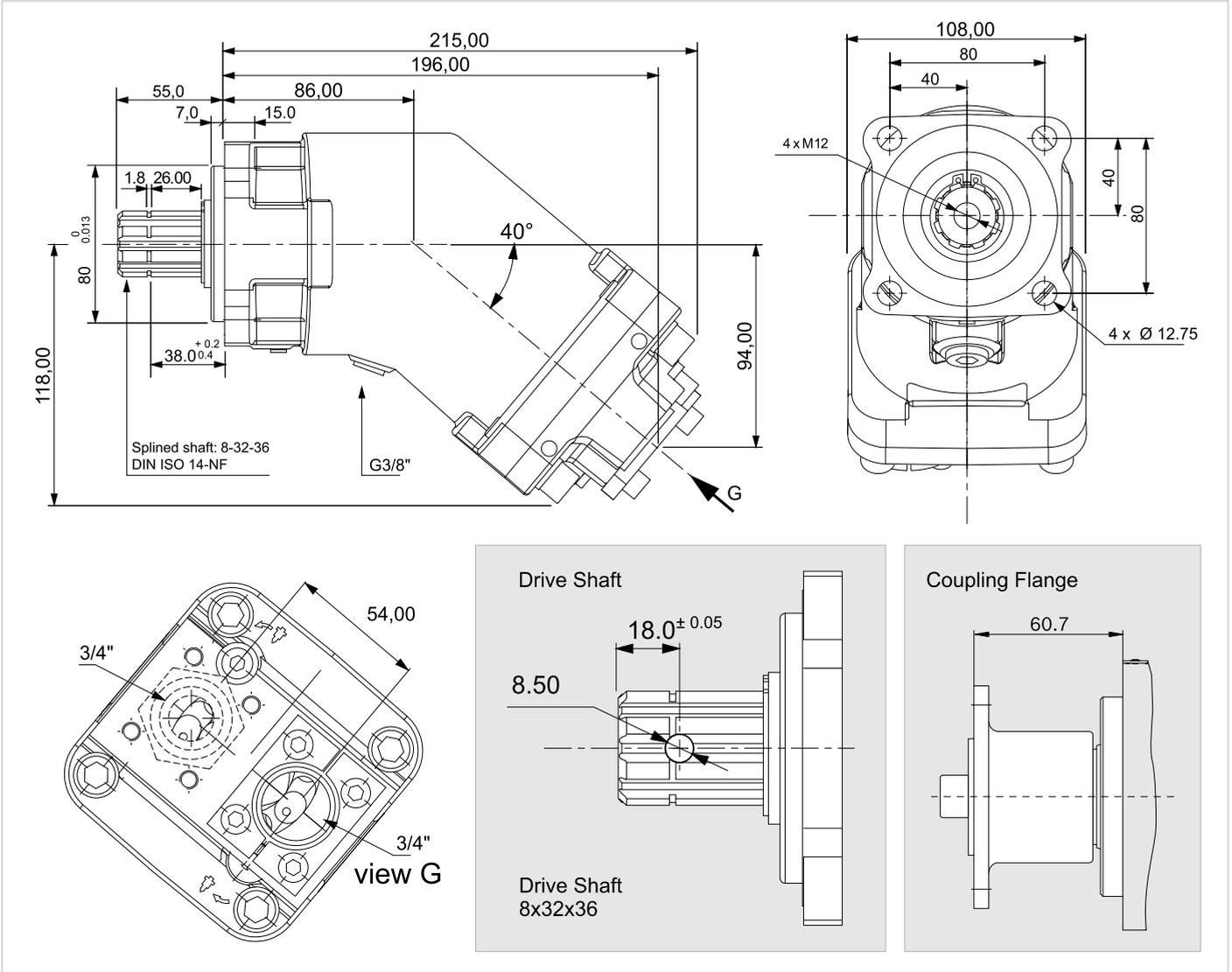
# PRF-3 40 cc



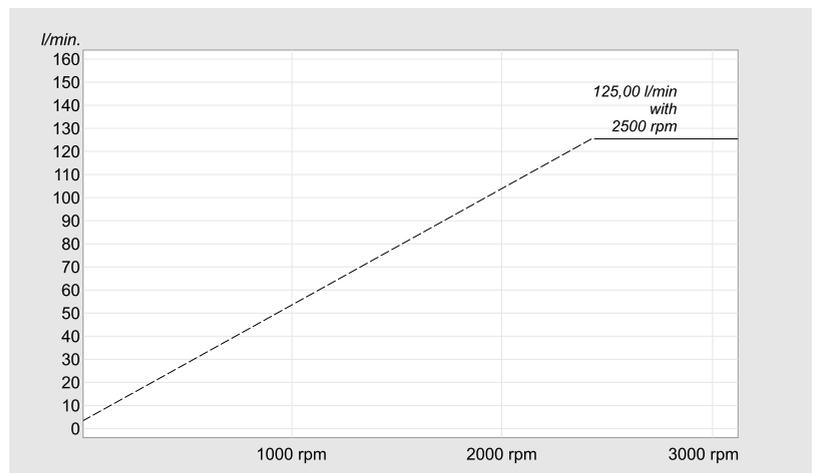
<b>x 1000 rpm</b>	40,20 cc
<b>x 1500 rpm</b>	60,30 cc
<b>Max. Continuous Pump Speed</b>	1900 rpm
<b>Max. Limited Pump Speed</b>	2500 rpm
<b>Max. Continuous Pressure</b>	350 bar
<b>Max. Intermit. Peak Pressure</b>	400 bar
<b>Max. Torque at 350 bar</b>	240 Nm
<b>Weight without inlet fitting</b>	10,50 kg
<b>Weight with inlet fitting</b>	10,90 kg
<b>Torque without inlet fitting</b>	11,12 N.m
<b>Torque with inlet fitting</b>	11,40 N.m
<b>Rotation</b>	CW-CCW
<b>Fluid</b>	Min.B.Hyd.Oil
<b>Inlet &amp; Outlet</b>	3/4"



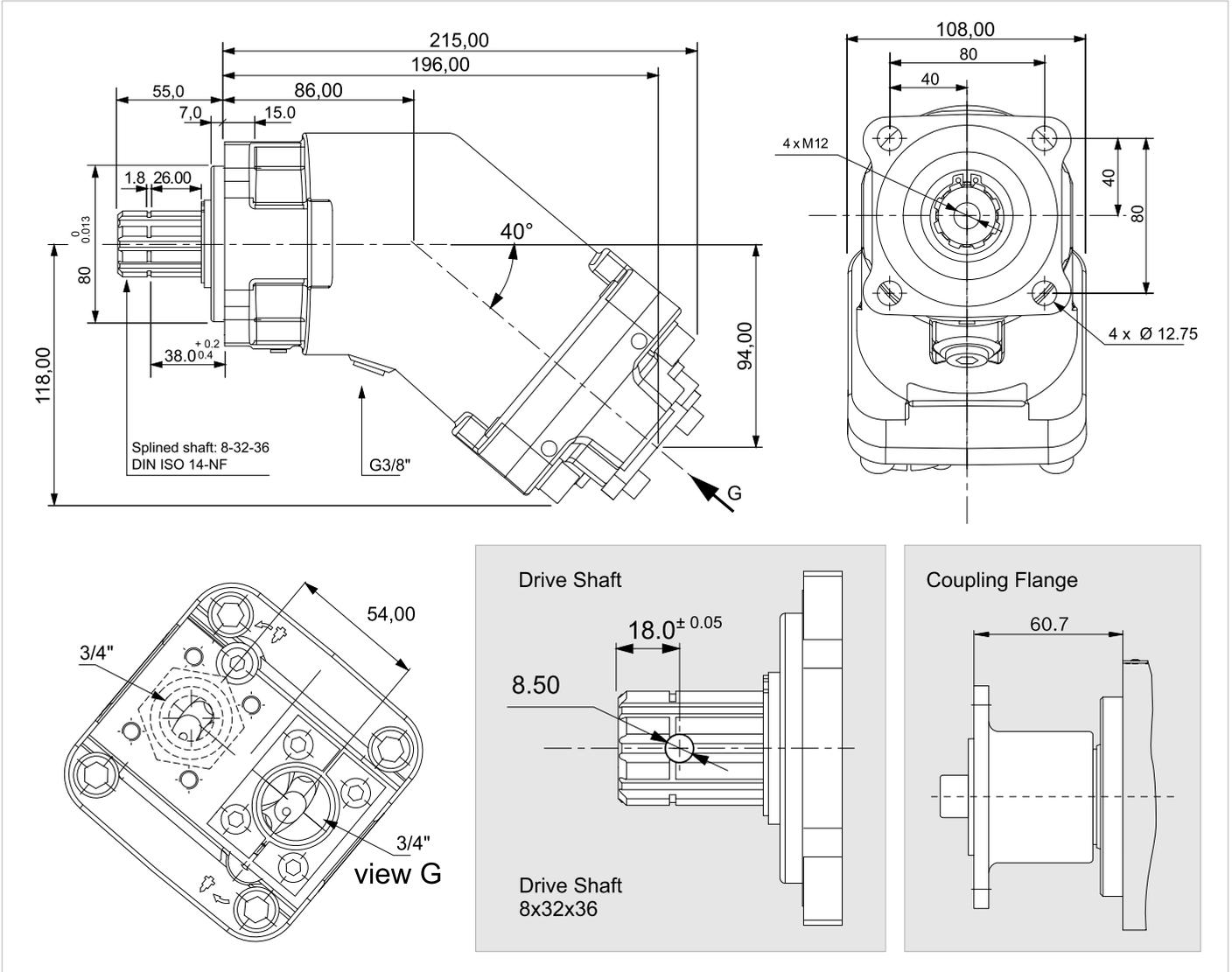
# PRF-3 50 cc



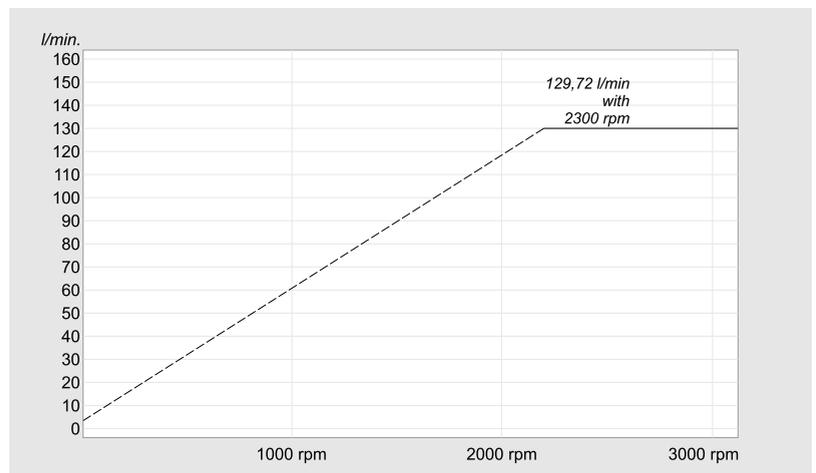
<b>x 1000 rpm</b>	50,00 cc
<b>x 1500 rpm</b>	75,00 cc
<b>Max. Continuous Pump Speed</b>	1900 rpm
<b>Max. Limited Pump Speed</b>	2500 rpm
<b>Max. Continuous Pressure</b>	350 bar
<b>Max. Intermit. Peak Pressure</b>	400 bar
<b>Max. Torque at 350 bar</b>	292 Nm
<b>Weight without inlet fitting</b>	11,00 kg
<b>Weight with inlet fitting</b>	11,40 kg
<b>Torque without inlet fitting</b>	11,72 N.m
<b>Torque with inlet fitting</b>	12,20 N.m
<b>Rotation</b>	CW-CCW
<b>Fluid</b>	Min.B.Hyd.Oil
<b>Inlet &amp; Outlet</b>	3/4"



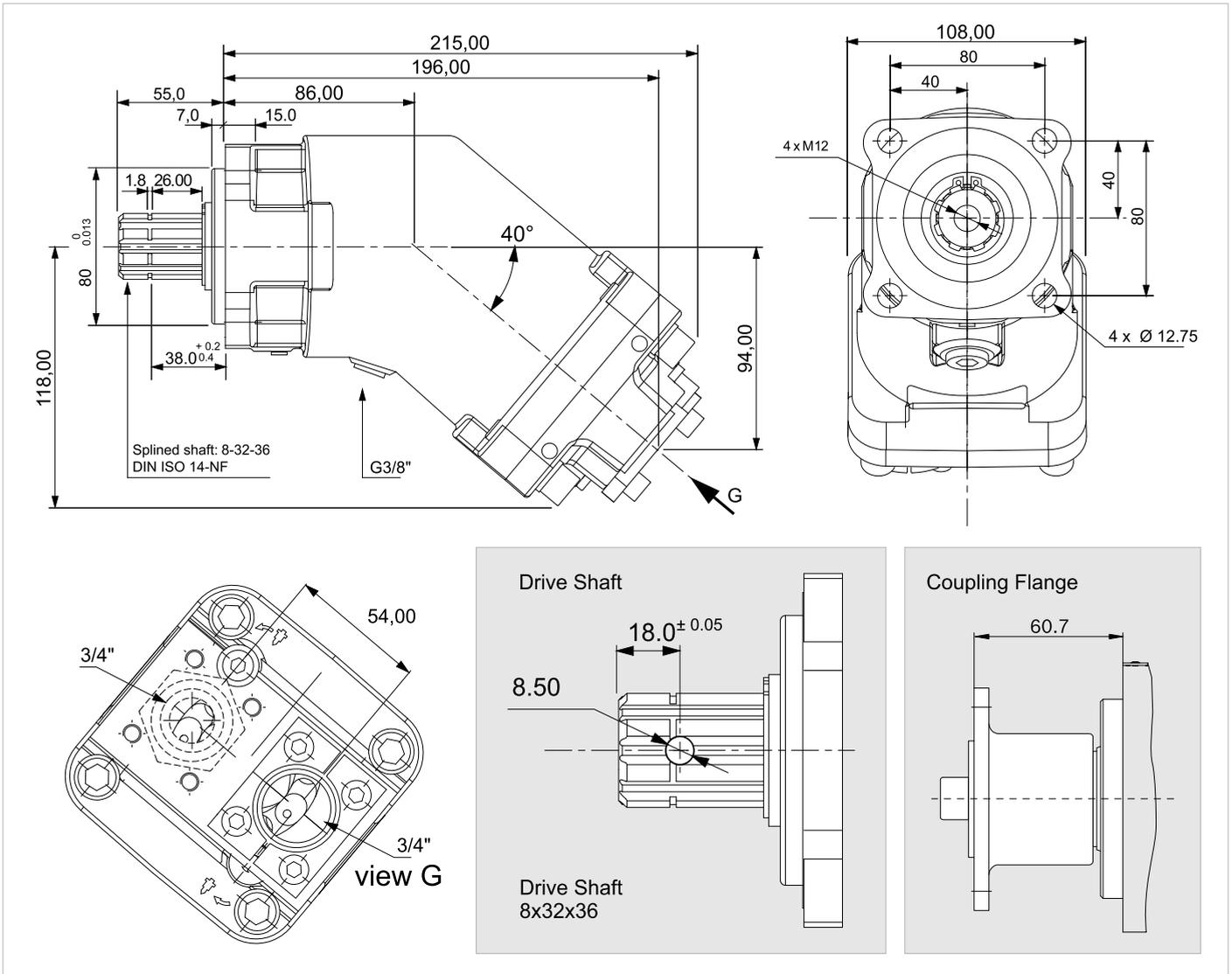
# PRF-3 56 cc



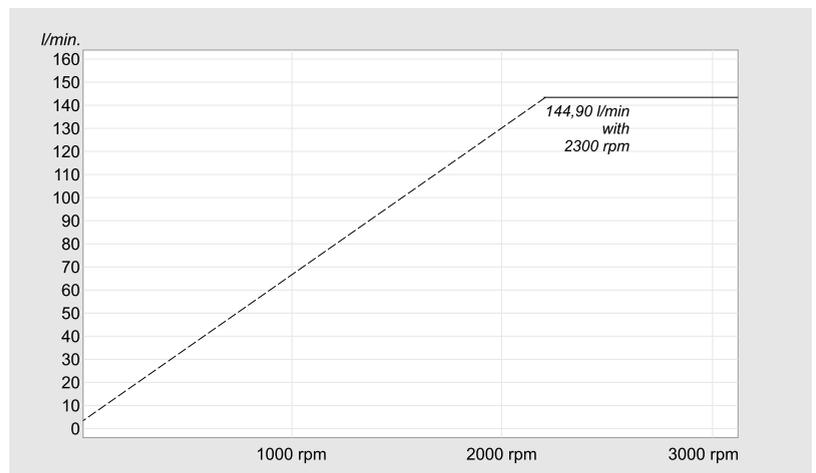
<b>x 1000 rpm</b>	56,40 cc
<b>x 1500 rpm</b>	84,60 cc
<b>Max. Continuous Pump Speed</b>	1900 rpm
<b>Max. Limited Pump Speed</b>	2300 rpm
<b>Max. Continuous Pressure</b>	350 bar
<b>Max. Intermit. Peak Pressure</b>	400 bar
<b>Max. Torque at 350 bar</b>	330 Nm
<b>Weight without inlet fitting</b>	11,50 kg
<b>Weight with inlet fitting</b>	11,90 kg
<b>Torque without inlet fitting</b>	11,79 N.m
<b>Torque with inlet fitting</b>	12,24 N.m
<b>Rotation</b>	CW-CCW
<b>Fluid</b>	Min.B.Hyd.Oil
<b>Inlet &amp; Outlet</b>	3/4"



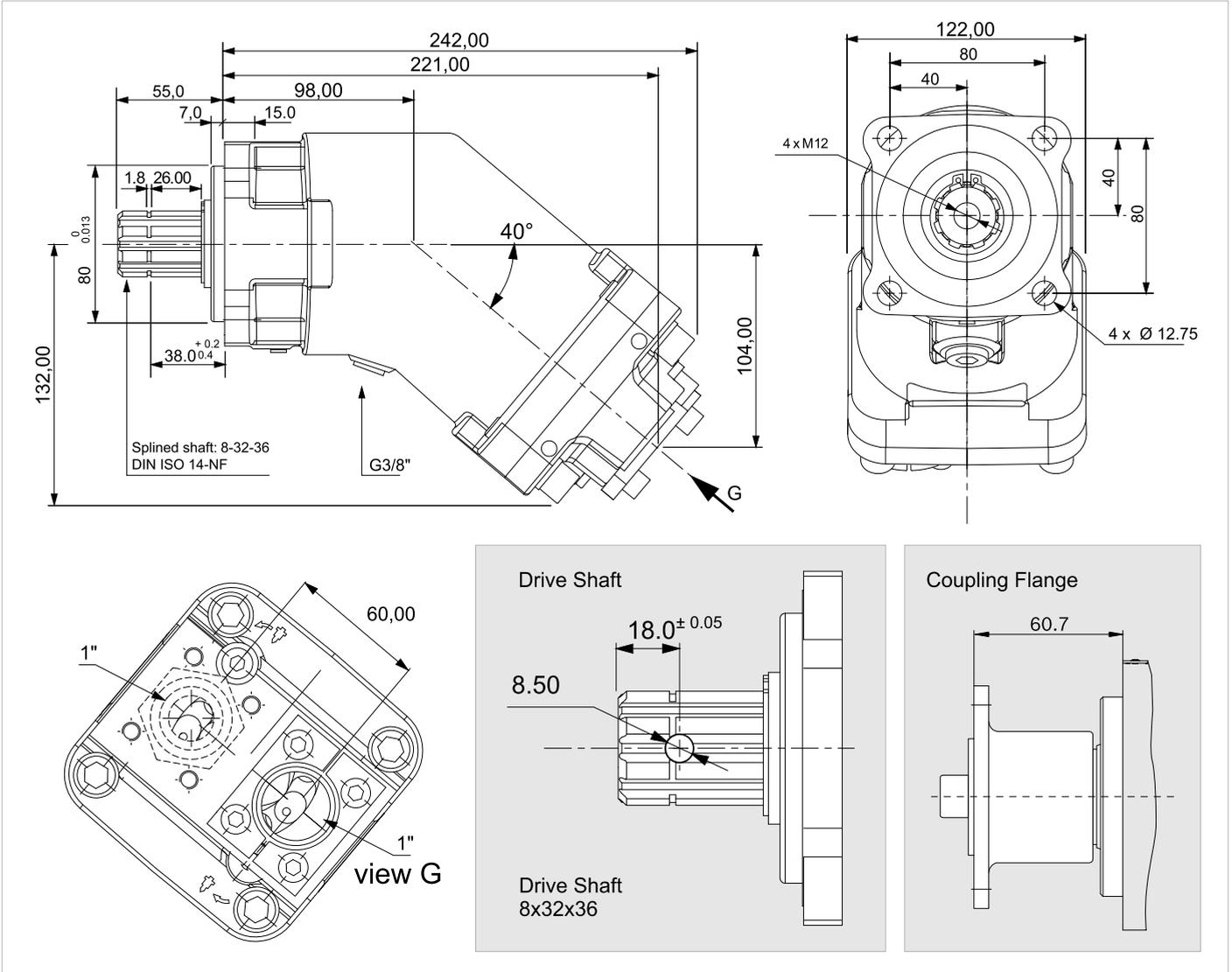
# PRF-3 63 cc



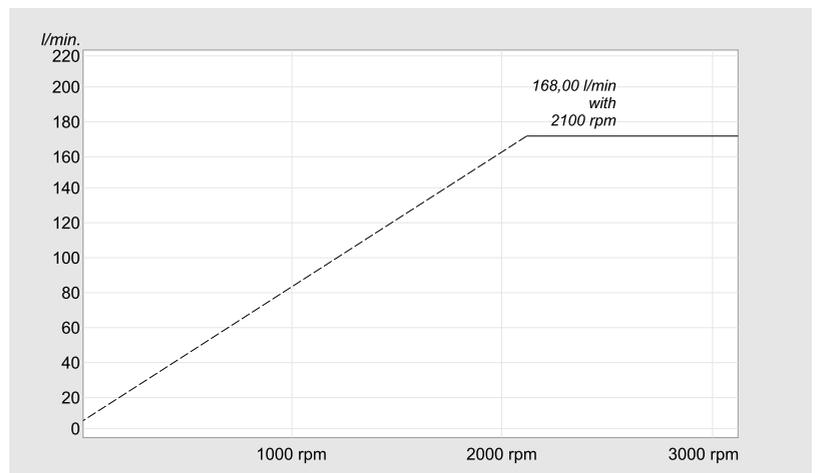
<b>x 1000 rpm</b>	63,00 cc
<b>x 1500 rpm</b>	94,50 cc
<b>Max. Continuous Pump Speed</b>	1900 rpm
<b>Max. Limited Pump Speed</b>	2300 rpm
<b>Max. Continuous Pressure</b>	350 bar
<b>Max. Intermit. Peak Pressure</b>	400 bar
<b>Max. Torque at 350 bar</b>	360 Nm
<b>Weight without inlet fitting</b>	11,50 kg
<b>Weight with inlet fitting</b>	11,90 kg
<b>Torque without inlet fitting</b>	11,82 N.m
<b>Torque with inlet fitting</b>	12,28 N.m
<b>Rotation</b>	CW-CCW
<b>Fluid</b>	Min.B.Hyd.Oil
<b>Inlet &amp; Outlet</b>	3/4"



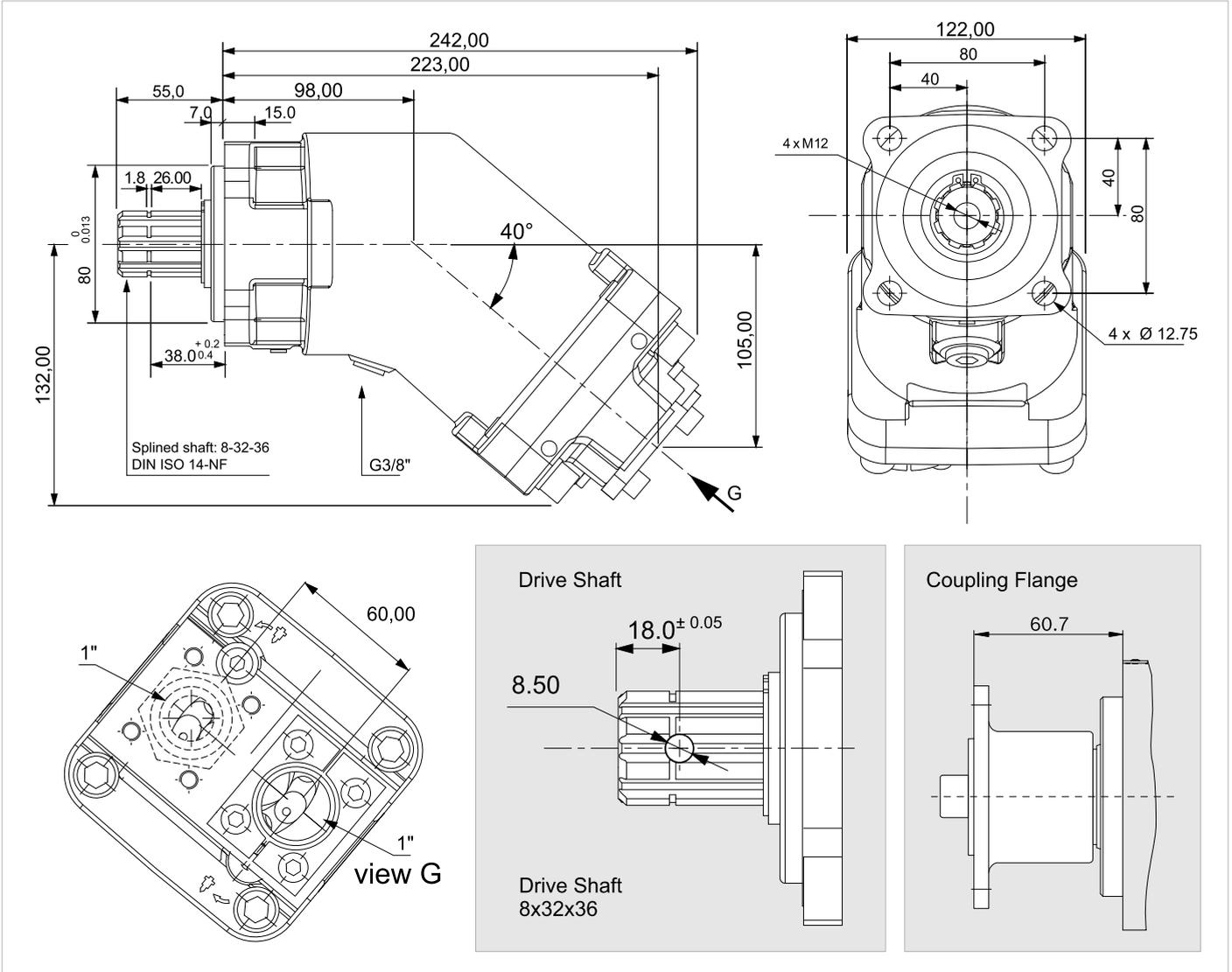
# PRF-3 80 cc



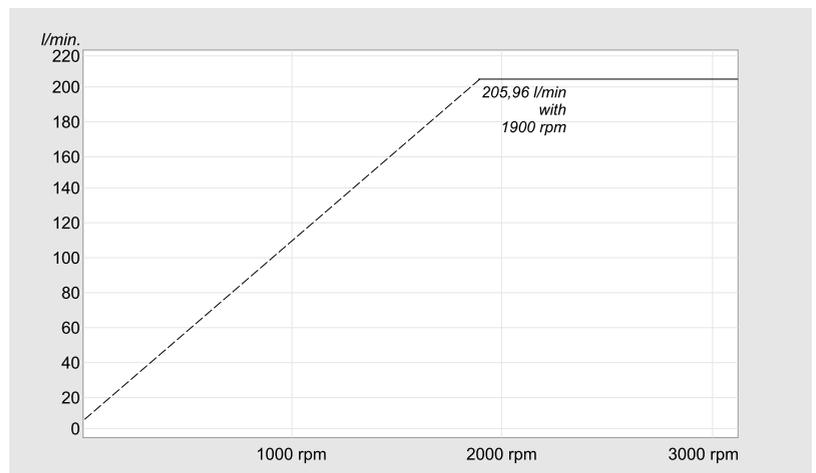
<b>x 1000 rpm</b>	80,00 cc
<b>x 1500 rpm</b>	120,00 cc
<b>Max. Continuous Pump Speed</b>	1700 rpm
<b>Max. Limited Pump Speed</b>	2100 rpm
<b>Max. Continuous Pressure</b>	350 bar
<b>Max. Intermit. Peak Pressure</b>	400 bar
<b>Max. Torque at 350 bar</b>	460 Nm
<b>Weight without inlet fitting</b>	15,00 kg
<b>Weight with inlet fitting</b>	15,40 kg
<b>Torque without inlet fitting</b>	17,80 N.m
<b>Torque with inlet fitting</b>	18,33 N.m
<b>Rotation</b>	CW-CCW
<b>Fluid</b>	Min.B.Hyd.Oil
<b>Inlet &amp; Outlet</b>	1"



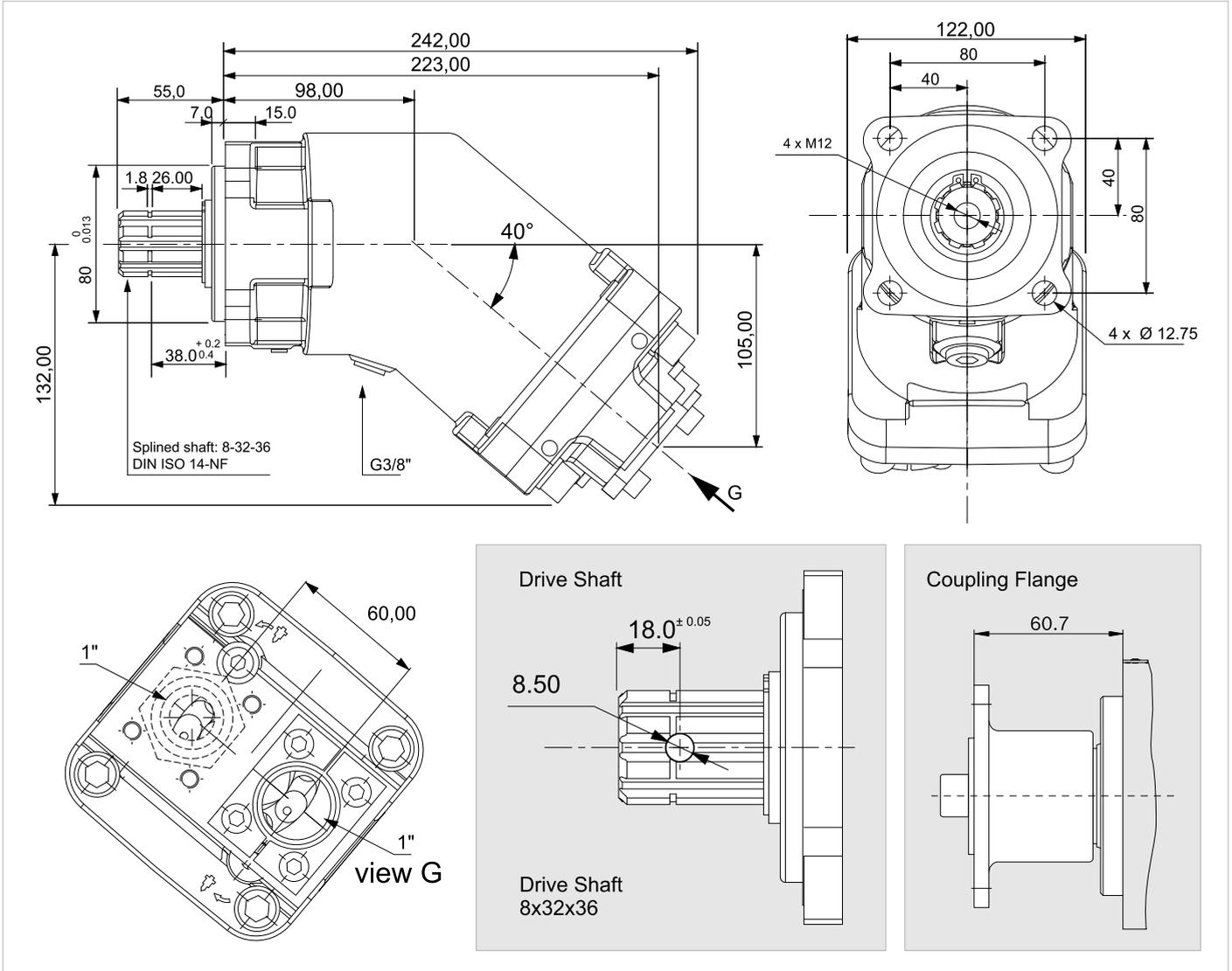
# PRF-3 108 cc



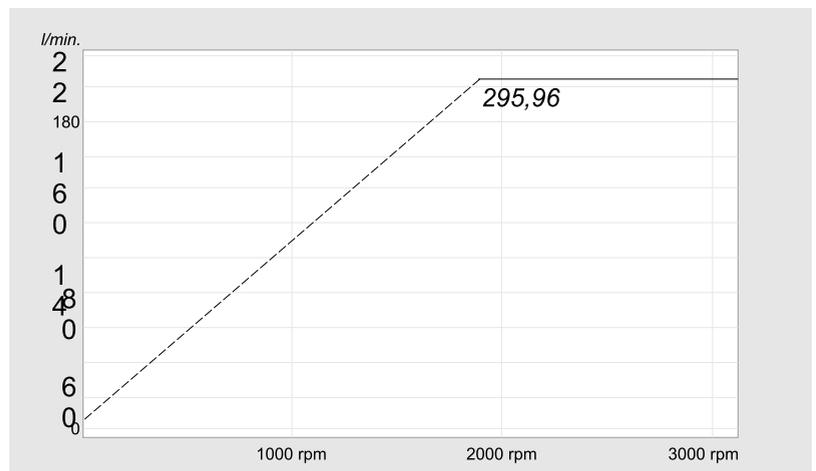
<b>x 1000 rpm</b>	108,40 cc
<b>x 1500 rpm</b>	162,60 cc
<b>Max. Continuous Pump Speed</b>	1700 rpm
<b>Max. Limited Pump Speed</b>	1900 rpm
<b>Max. Continuous Pressure</b>	350 bar
<b>Max. Intermit. Peak Pressure</b>	400 bar
<b>Max. Torque at 350 bar</b>	620 Nm
<b>Weight without inlet fitting</b>	15,50 kg
<b>Weight with inlet fitting</b>	15,90 kg
<b>Torque without inlet fitting</b>	17,92 N.m
<b>Torque with inlet fitting</b>	18,45 N.m
<b>Rotation</b>	CW-CCW
<b>Fluid</b>	Min.B.Hyd.Oil
<b>Inlet &amp; Outlet</b>	1"



# PRF-3 130 cc



<b>x 1000 rpm</b>	130,40 cc
<b>x 1500 rpm</b>	195,60 cc
<b>Max. Continuous Pump Speed</b>	1700 rpm
<b>Max. Limited Pump Speed</b>	1900 rpm
<b>Max. Continuous Pressure</b>	350 bar
<b>Max. Continuous Pressure</b>	400 bar
<b>Max. Intermit. Peak Pressure</b>	620 Nm
	15,50 kg
	15,90 kg



# Hydraulic Piston Motors

Axial Design Hydraulic Piston Motors, High Pressure Piston Motors

Dual Flow Piston Motors, Tandem Output Piston Motors, UNI Flange Piston Motors



Address;

**PERFECT OTOMOTİV MAKİNE DIŐ TİC SAN LTD ŐTİ**

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