09/2008

HIGH SPEED, (MILITARY) INDEPENDENT SUSPENSION AXLE, 6x6, 8x8

GAWR 8x8	**27 000 kg [60,000 Lb.]**
GCWR 8x8	**27 000 kg [60,000 Lb.]**
GAWR 6x6	**20 000 kg [44,000 Lb.]**
GCWR 6x6	**20 000 kg [44,000 Lb.]**
Axle Type	Spiral Bevel Center Differential Planetary Wheel End Reduction, 4-planet Carrier
Brakes	
Type	Disc, Hydraulic Caliper
Size	Ø 405 x 30 mm Thickness
Parking Brake	Integrated on Differential (ISDP)
Certification	98/12/EC
Wheel End	10-studs on 335 mm BC, 280.8 mm Pilot Diameter Minimum Wheel Size 20 Inch
Wheel offset (Optimal)	Inset 90…165 mm [3.5…6.5 Inch]
Drive Flange	ISO8667-T150
Differential Drive Ratio	1.33
Wheel Hub Drive Ratio	5.07
Final Drive Ratios (Differential x Hub)	6.74
Tracks Available (Over Wheel Mounting Faces)	Variable
Lubrication	
Type	API GL-5, SAE90, 140, 80W-140, Synthetic Acceptable
Capacity Differential (ISDP)	Total 5,5 liters [12 pints]
Capacity Differential (ISTP)	Total 4,5 liters [10 pints]
Capacity Wheel Hub (4PS105H)	Total 0,7 liters [1,5 pints]
Weight-Dry	
Differential with 2 calipers (ISDP)	176 kg [390 Lb.]
Differential (ISTP)	205 kg [450 Lb.]
Wheel Hub with 2 calipers (4PS105H)	143 kg [315 Lb.]

All ratings are nominal. Actual capacities determined based upon review of application data by Sisu Axles Inc.

OPTIONS:

- Wheel Stud Length
- Wheel Nuts
- Input / Output Drive Flanges
- ABS Provision
- CTI Provision
- Dual or Double Service Brake Calipers
- Top Coating

Other options may be available. Contact Sisu Axles sales for more information.

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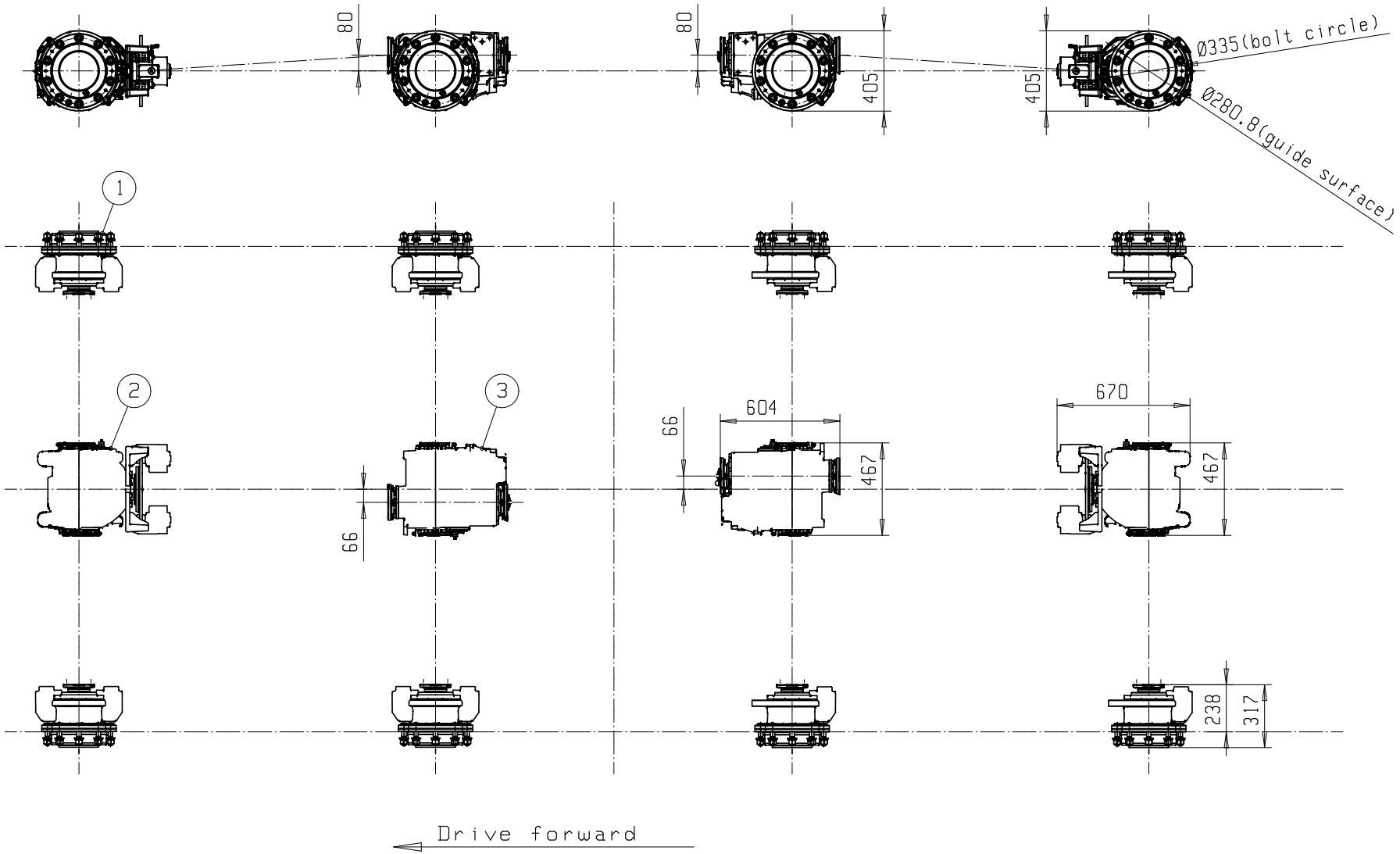

1 4PS105H

2 ISDP

3 ISTP

FOR OFFERING PURPOSES ONLY

SISU AXLES	Suunnittelija JLi	Vast.	Hyv.		Suhde 1:20	Pvm.:Entinen/ Uusi
	Pvm. 2008-06-23	Stand.	Kort.			Massa:Lask./ Punnittu
						Jakelu
Malli Independent suspension	Dimension drawing			CM	M541 070 0001	
	Independent suspension 8x8					