



TM. C. S.p.A. Termomeccanica Compressori

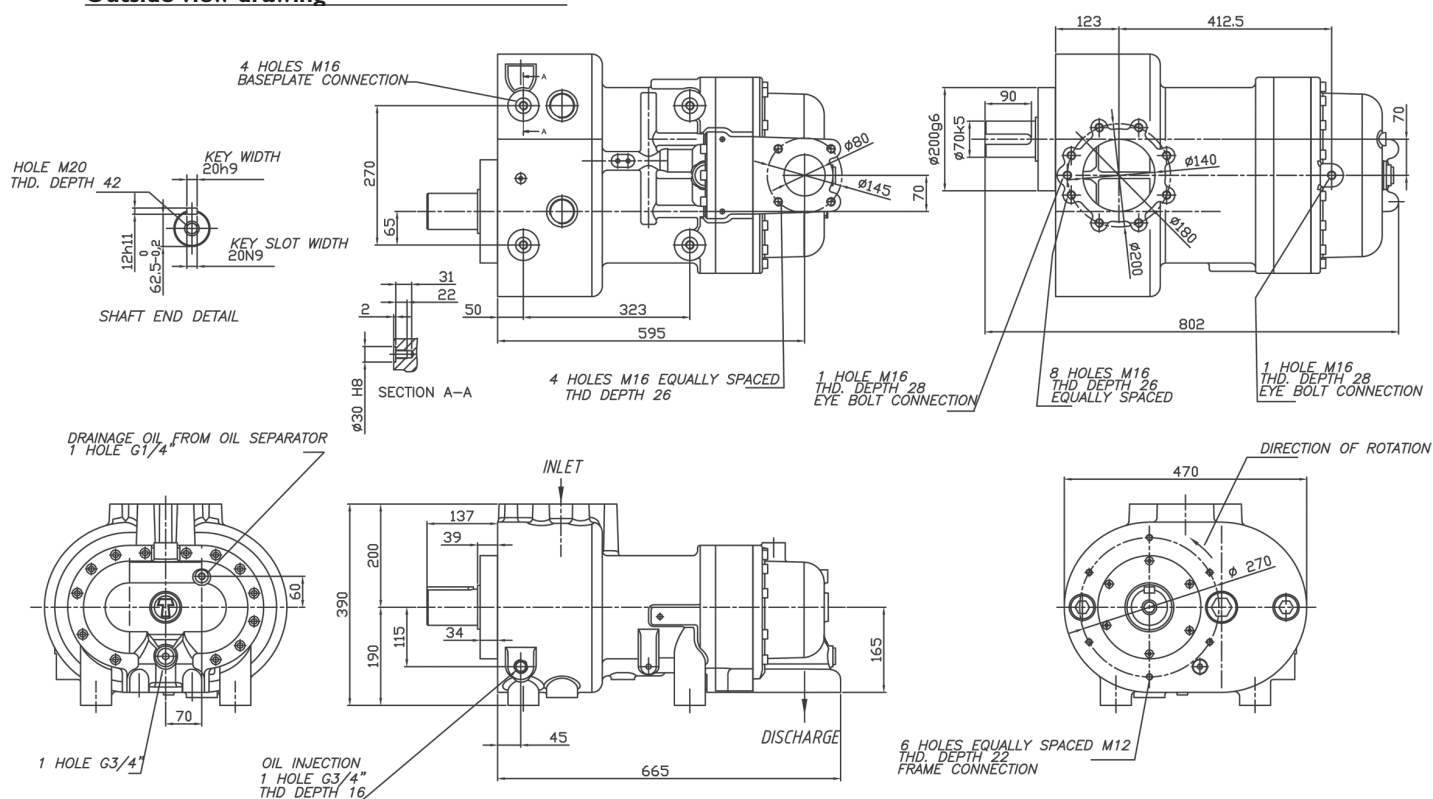
SCA

SCREW COMPRESSORS FOR AIR

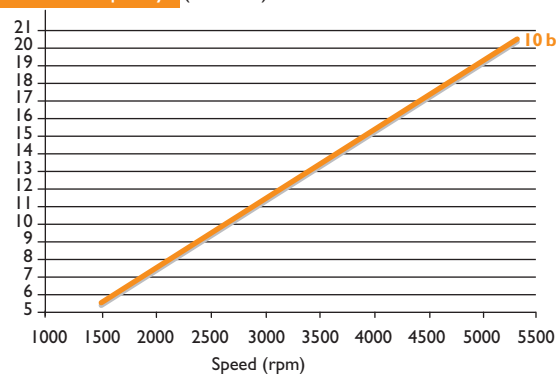


oil injected screw compressor for air

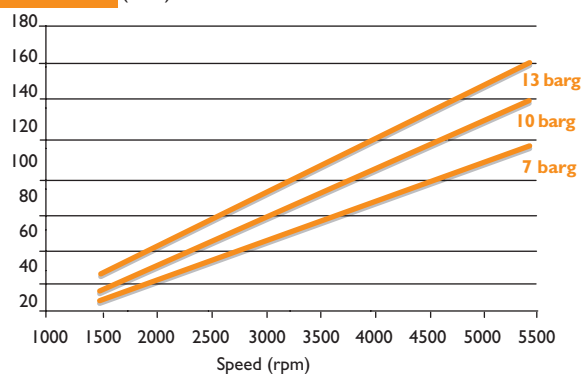
Outside view drawing



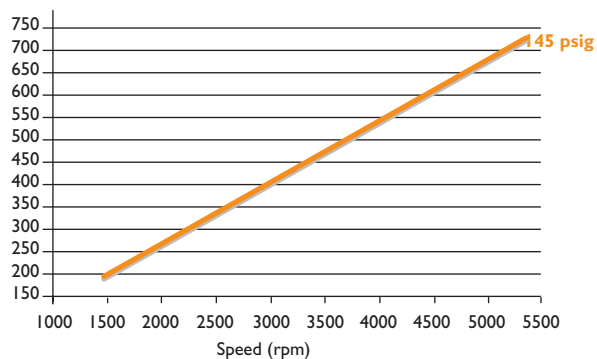
Data Tables

Air Capacity (m³/min)

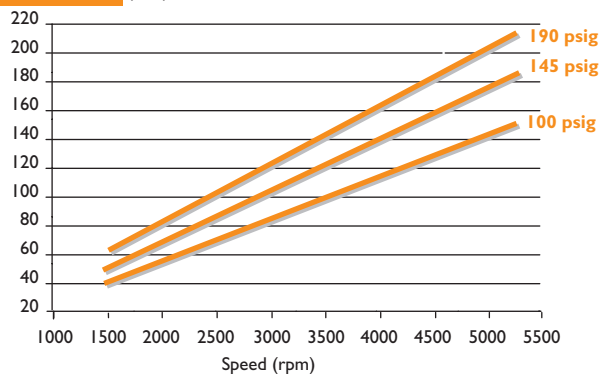
Power (kW)



Air Capacity (cfm)



Power (HP)



Drive: Male

Female rotor size: 169,7 mm

Working pressure: min 3 barg/40 psig - max 15 barg/220 psig

Lobe combination: 6/8

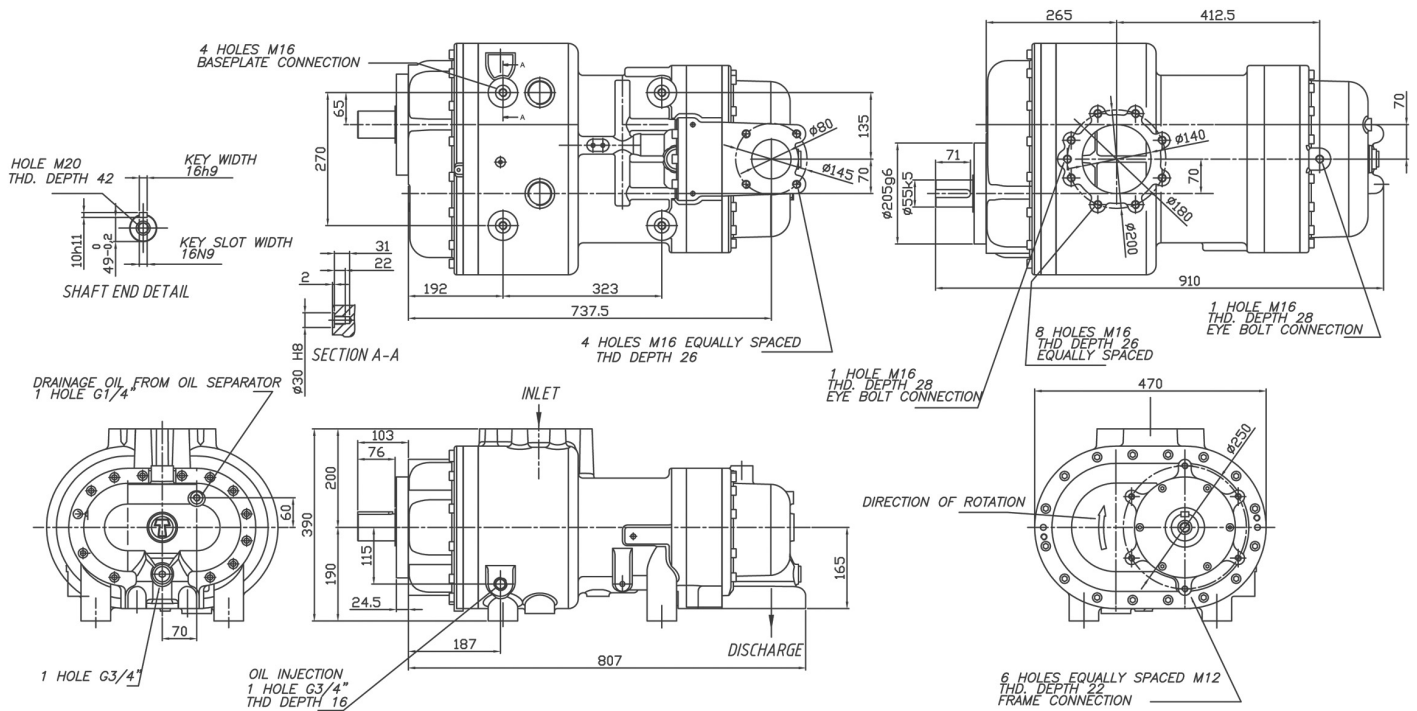
L/D: 2

Weight: 280 kg - 617 lbs

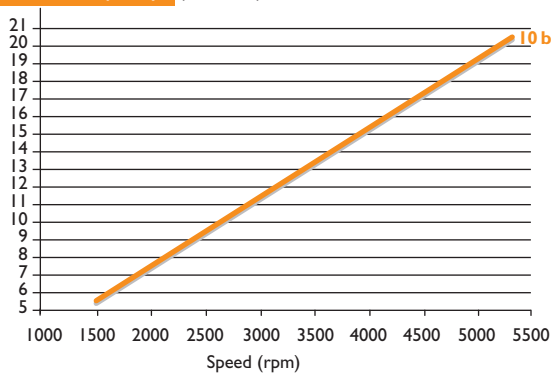
Male rotor size: 169,7 mm



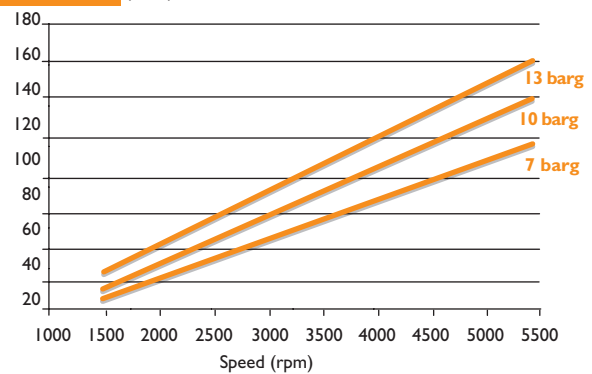
Outside view drawing



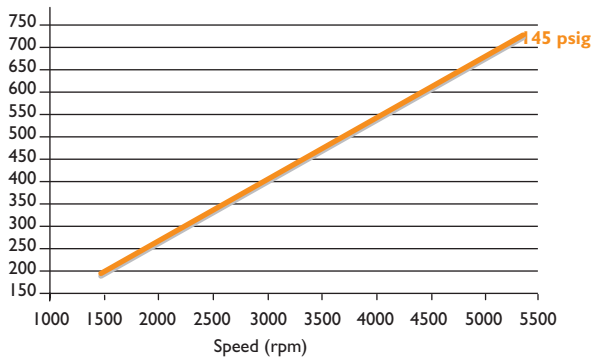
Data Tables

Air Capacity (m³/min)

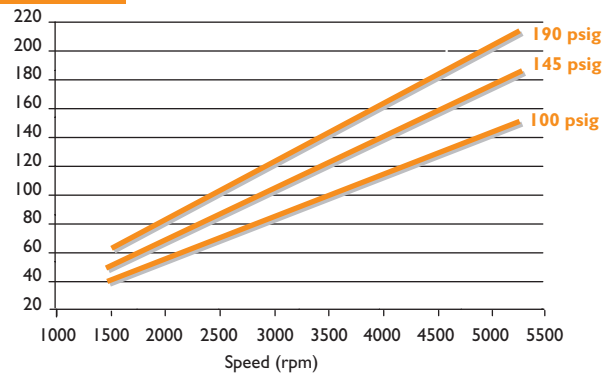
Power (kW)



Air Capacity (cfm)



Power (HP)



Drive: Male

Female rotor size: 169,7 mm

Working pressure: min 3 barg/40 psig - max 15 barg/220 psig

Lobe combination: 6/8

L/D: 2

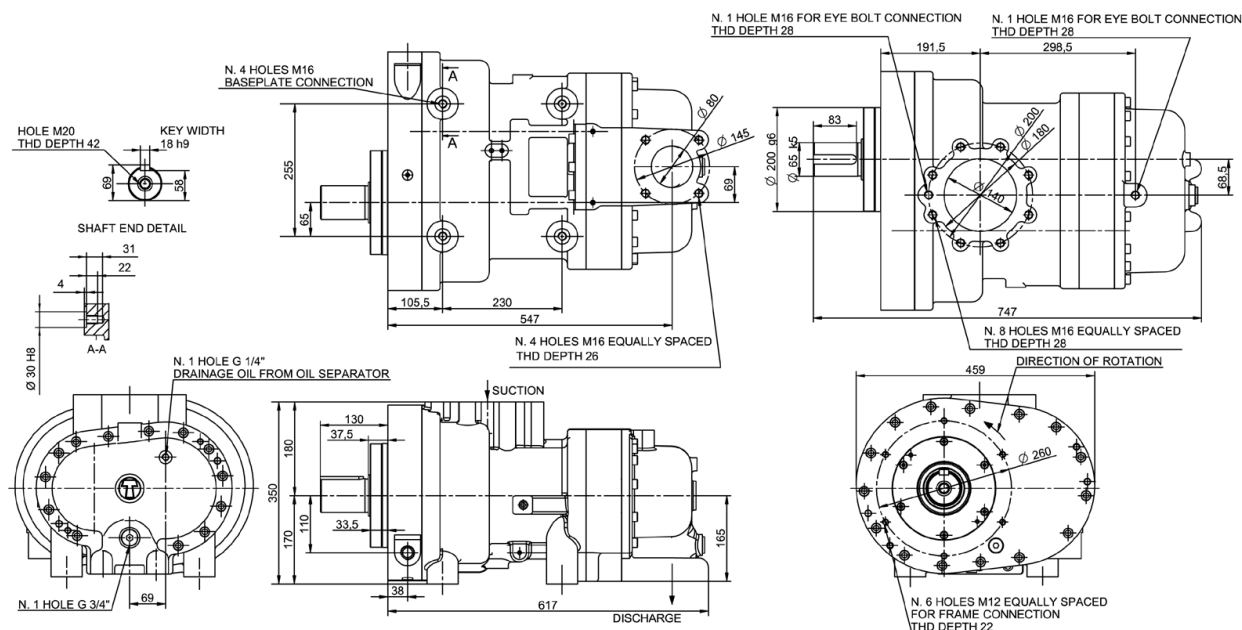
Weight: 350 kg - 772 lbs

Male rotor size: 169,7 mm



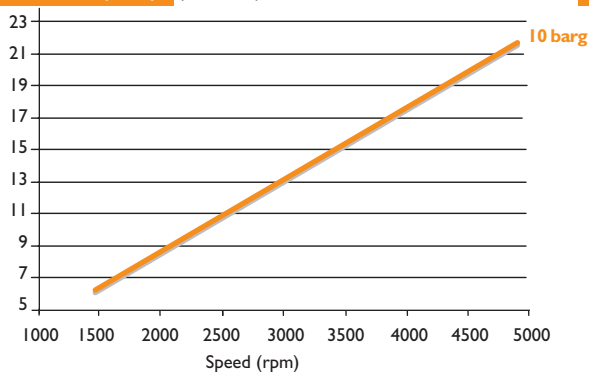
SCA20D-R

Outside view drawing

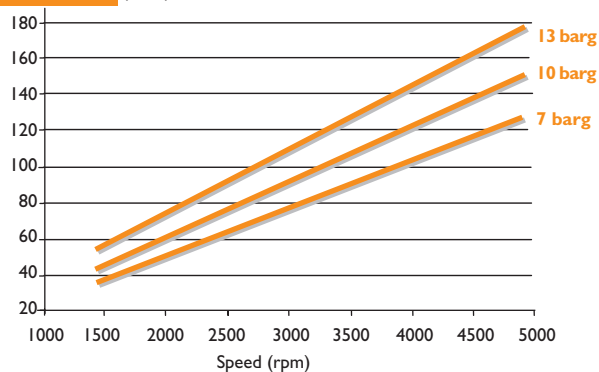


Data Tables

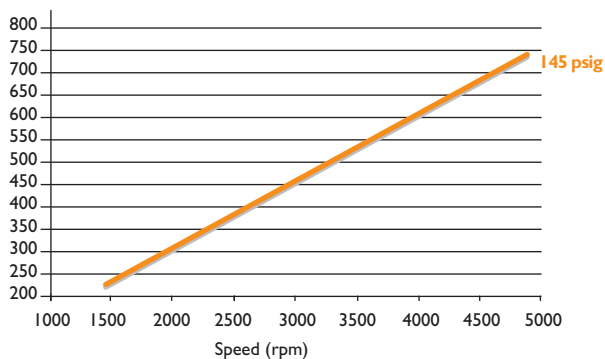
Air Capacity (m³/min)



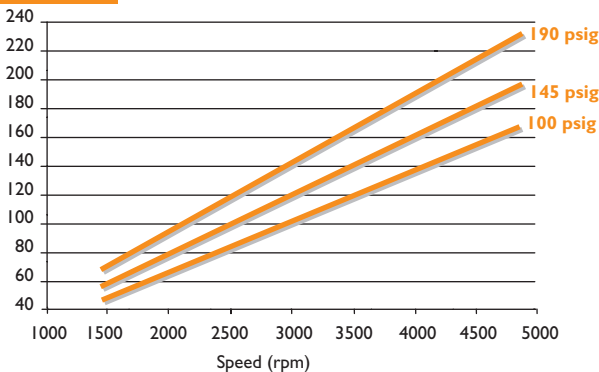
Power (kW)



Air Capacity (cfm)



Power (HP)



Drive: Male

Female rotor size: 154,8 mm

Working pressure: min 3 barg/40 psig - max 15 barg/220 psig

Lobe combination: 5/6

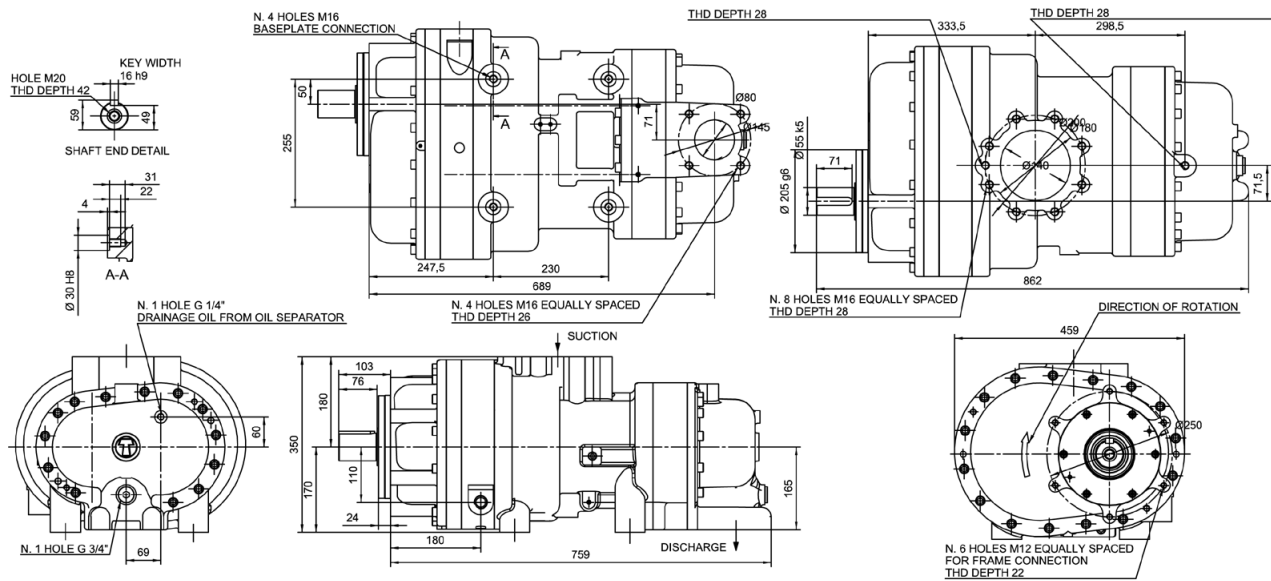
L/D: 1,70

Weight: 263 kg - 580 lbs

Male rotor size: 186 mm

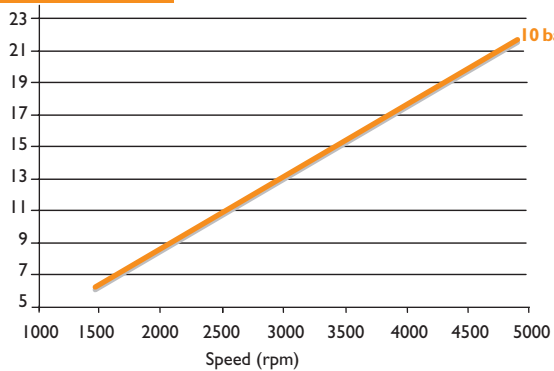


Outside view drawing

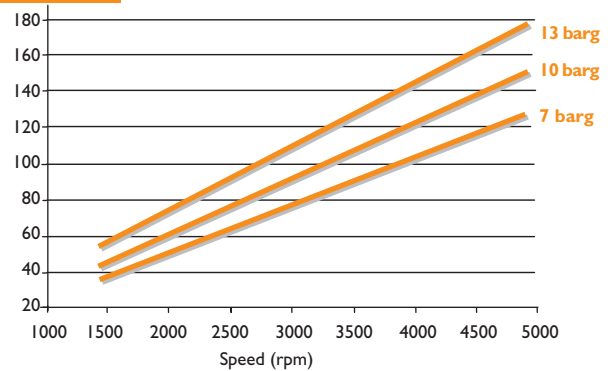


Data Tables

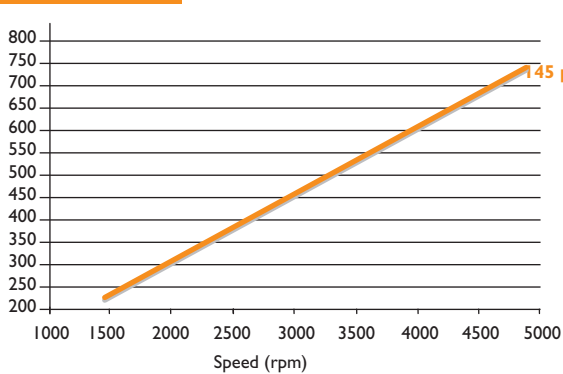
Air Capacity (m³/min)



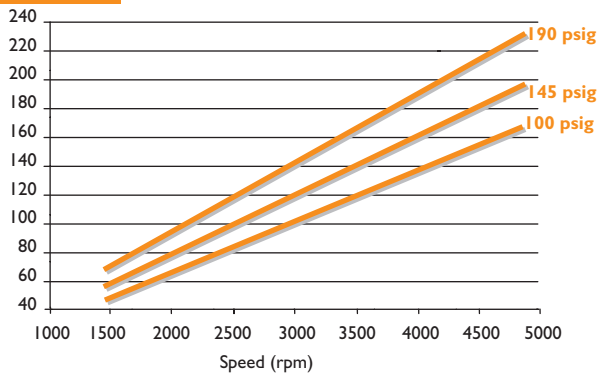
Power (kW)



Air Capacity (cfm)



Power (HP)



Drive: Male

Female rotor size: 154,8 mm

Working pressure: min 3 barg/40 psig - max 15 barg/220 psig

Lobe combination: 5/6

L/D: 1,70

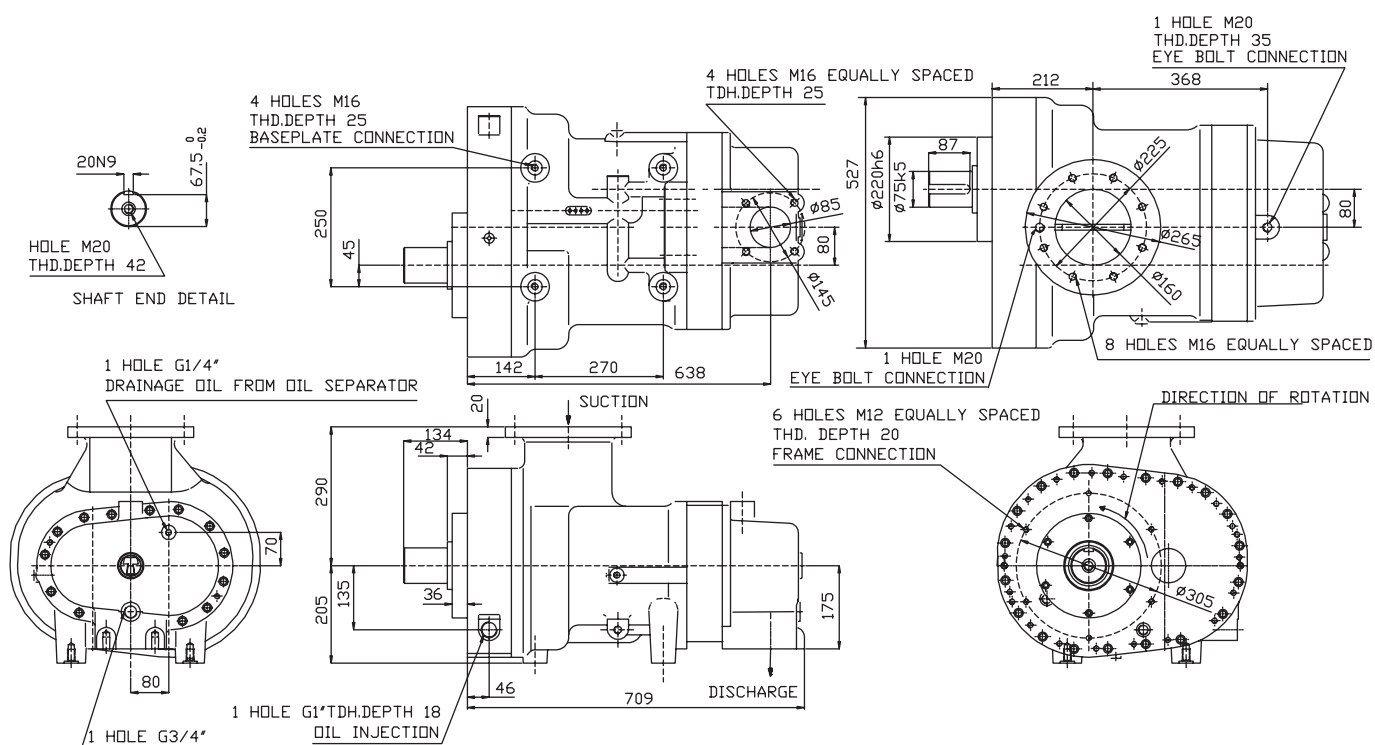
Weight: 320 kg - 705 lbs

Male rotor size: 186 mm

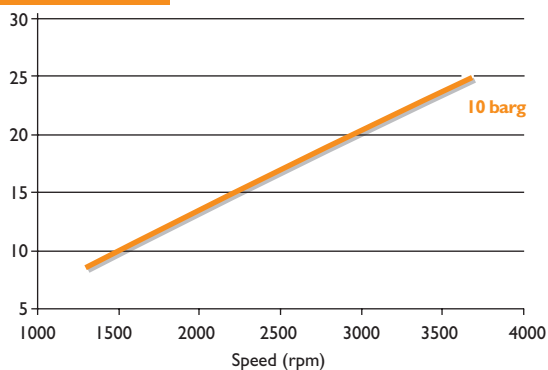


SCA22D-R

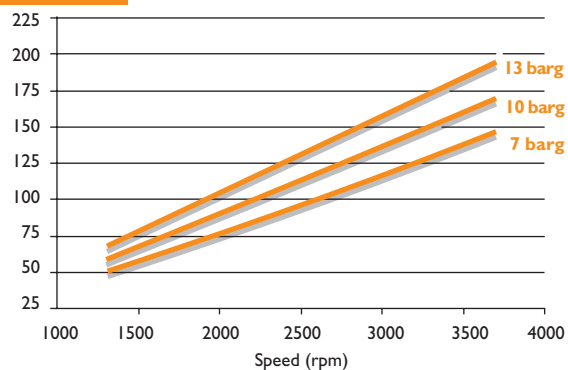
Outside view drawing



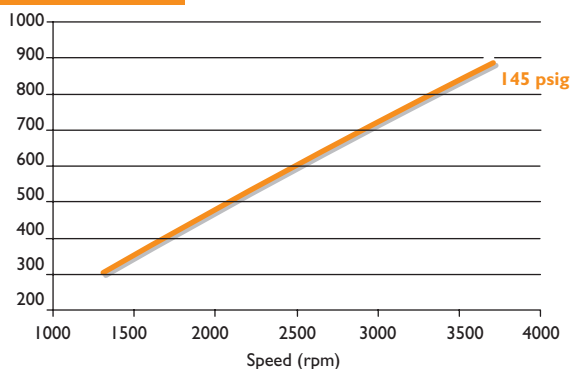
Data Tables

Air Capacity (m³/min)

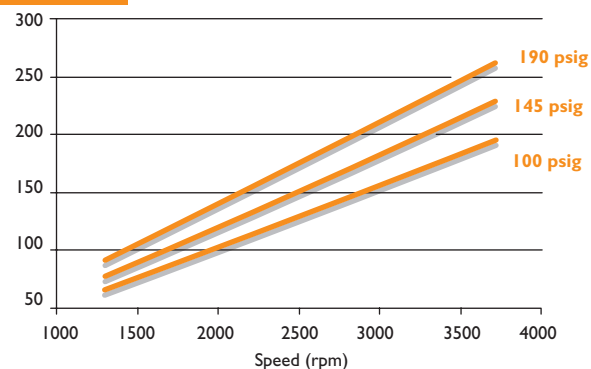
Power (kW)



Air Capacity (cfm)



Power (HP)



Drive: Male

Female rotor size: 183 mm

Working pressure: min 3 barg/40 psig - max 15 barg/220 psig

Lobe combination: 5/6

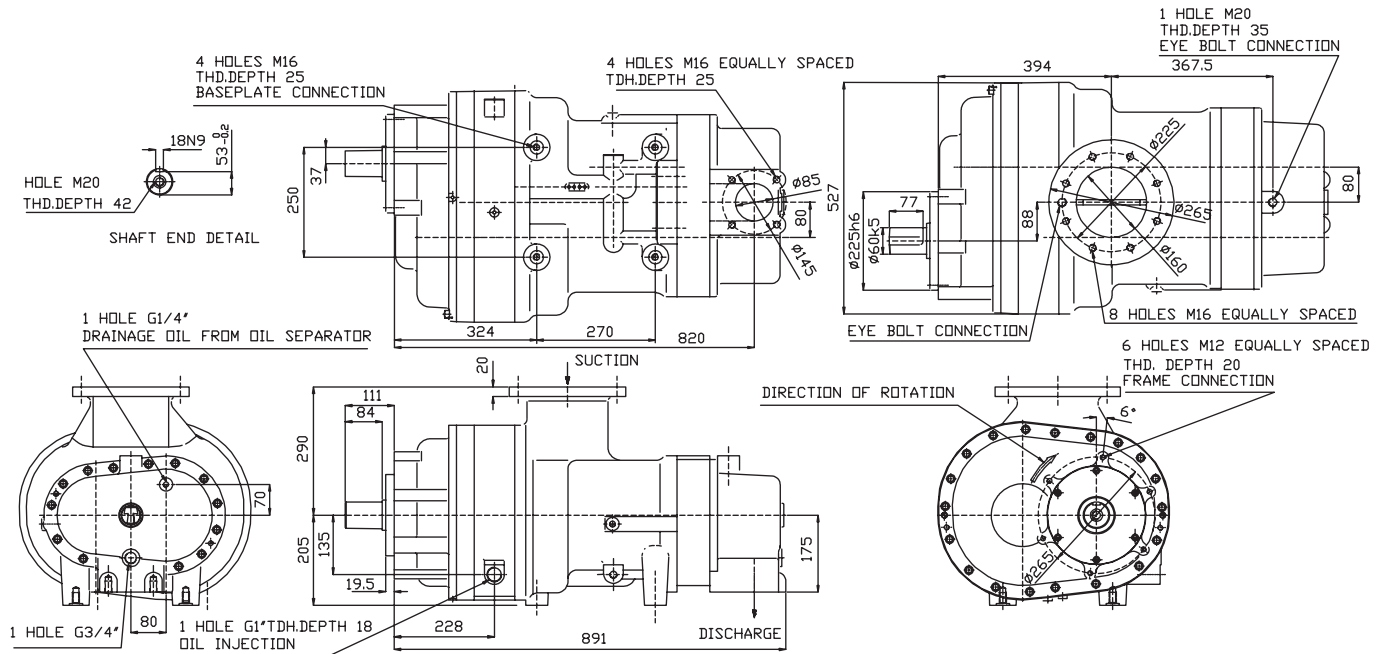
L/D: 1,70

Weight: 393 kg - 866 lbs

Male rotor size: 217 mm

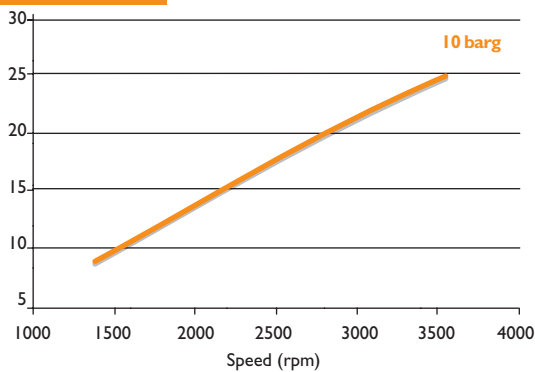


Outside view drawing

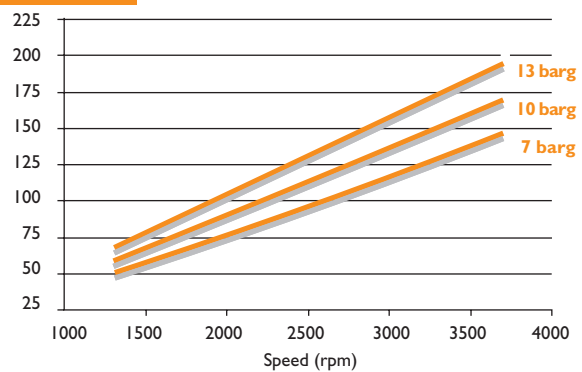


Data Tables

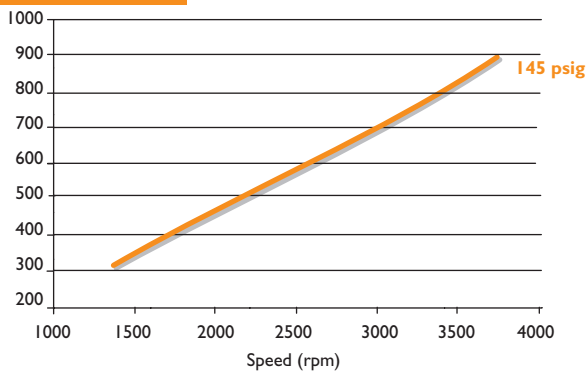
Air Capacity (m³/min)



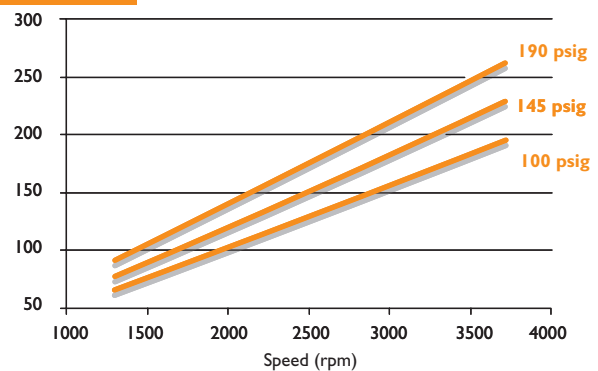
Power (kW)



Air Capacity (cfm)



Power (HP)



Drive: Male

Female rotor size: 183 mm

Working pressure: min 3 barg/40 psig - max 15 barg/220 psig

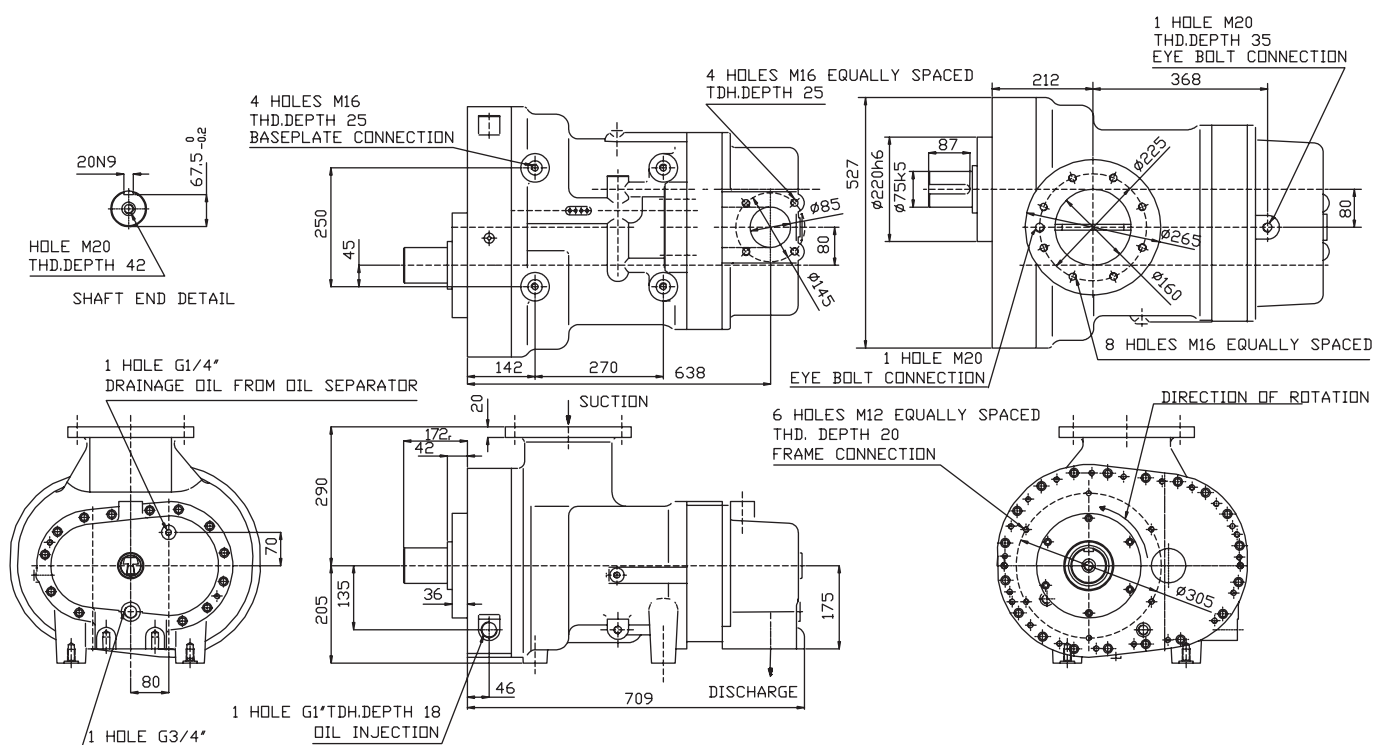
Lobe combination: 5/6

L/D: 1,70

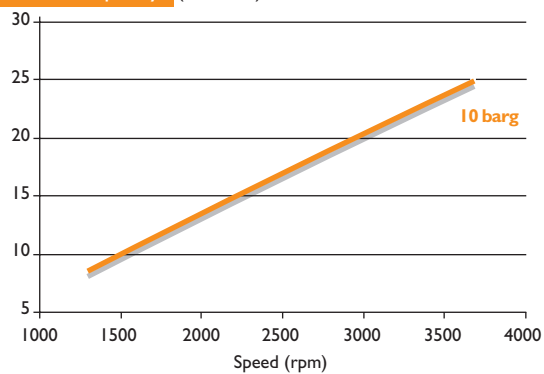
Weight: 490 kg - 1080 lbs

Male rotor size: 217 mm

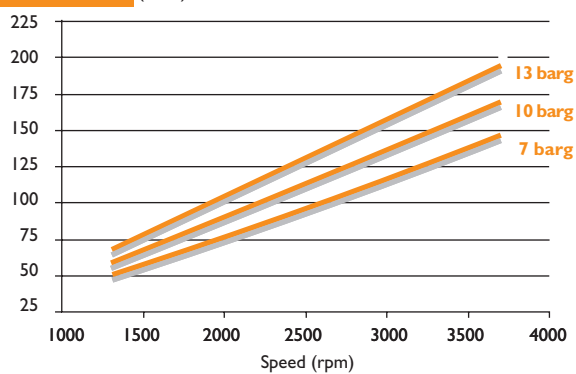
Outside view drawing



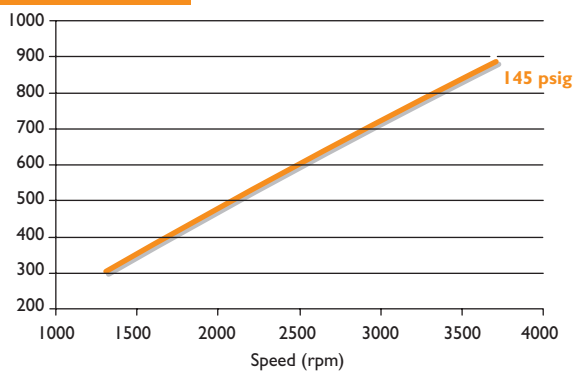
Data Tables

Air Capacity (m³/min)

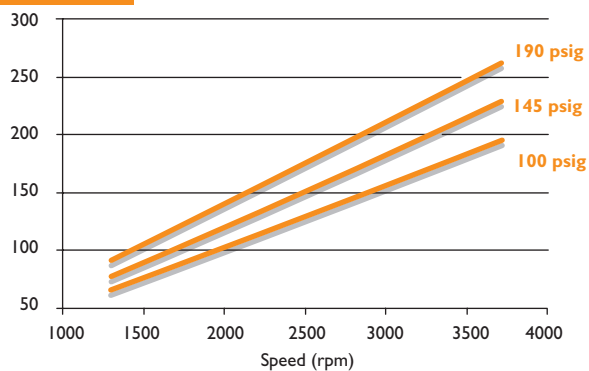
Power (kW)



Air Capacity (cfm)



Power (HP)



Drive: Male

Female rotor size: 183 mm

Working pressure: min 3 barg/40 psig - max 15 barg/220 psig

Lobe combination: 5/6

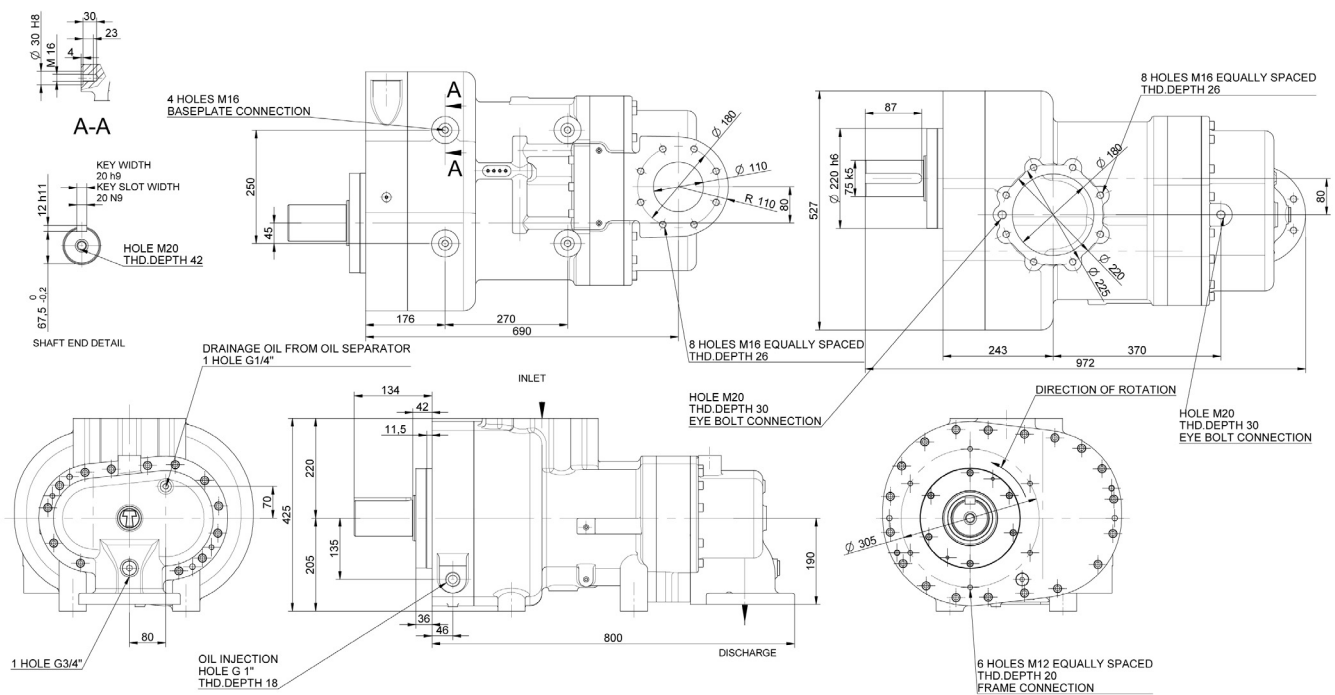
L/D: 1,70

Weight: 397 kg - 866 lbs

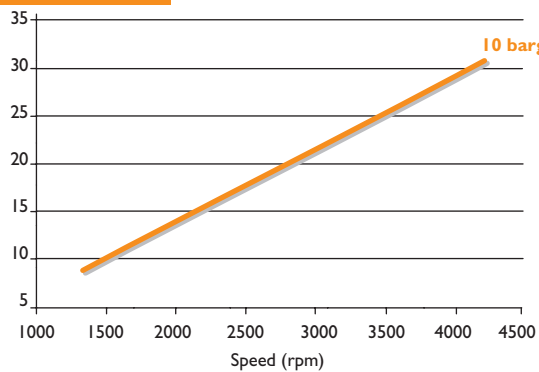
Male rotor size: 217 mm



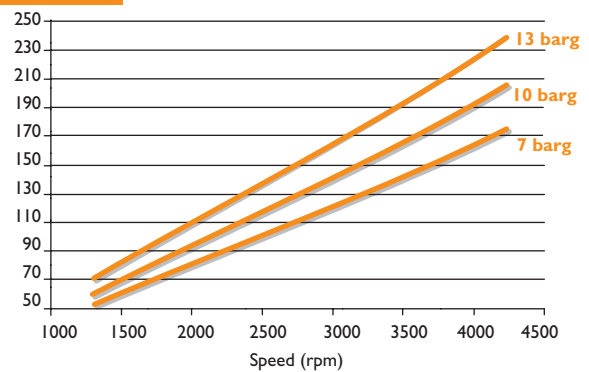
Outside view drawing



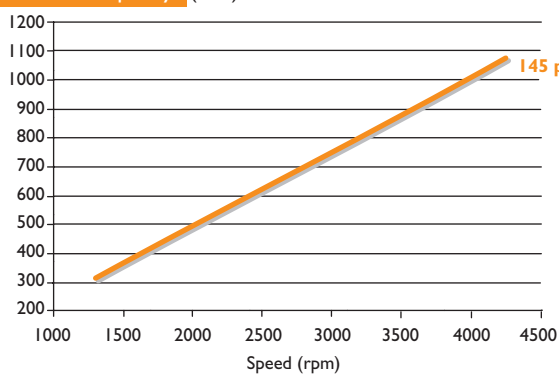
Data Tables

Air Capacity (m³/min)

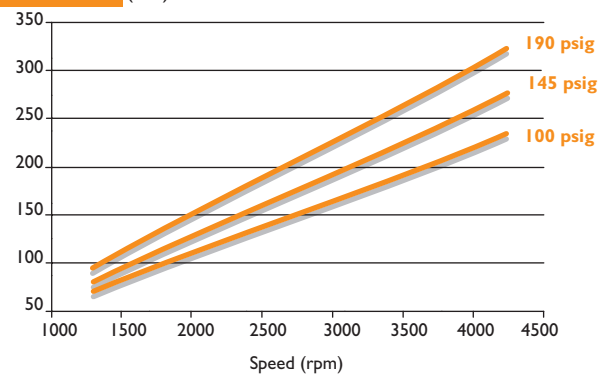
Power (kW)



Air Capacity (cfm)



Power (HP)



Drive: Male

Lobe combination: 5/6

Male rotor size: 217 mm

Female rotor size: 183 mm

L/D: 1,85

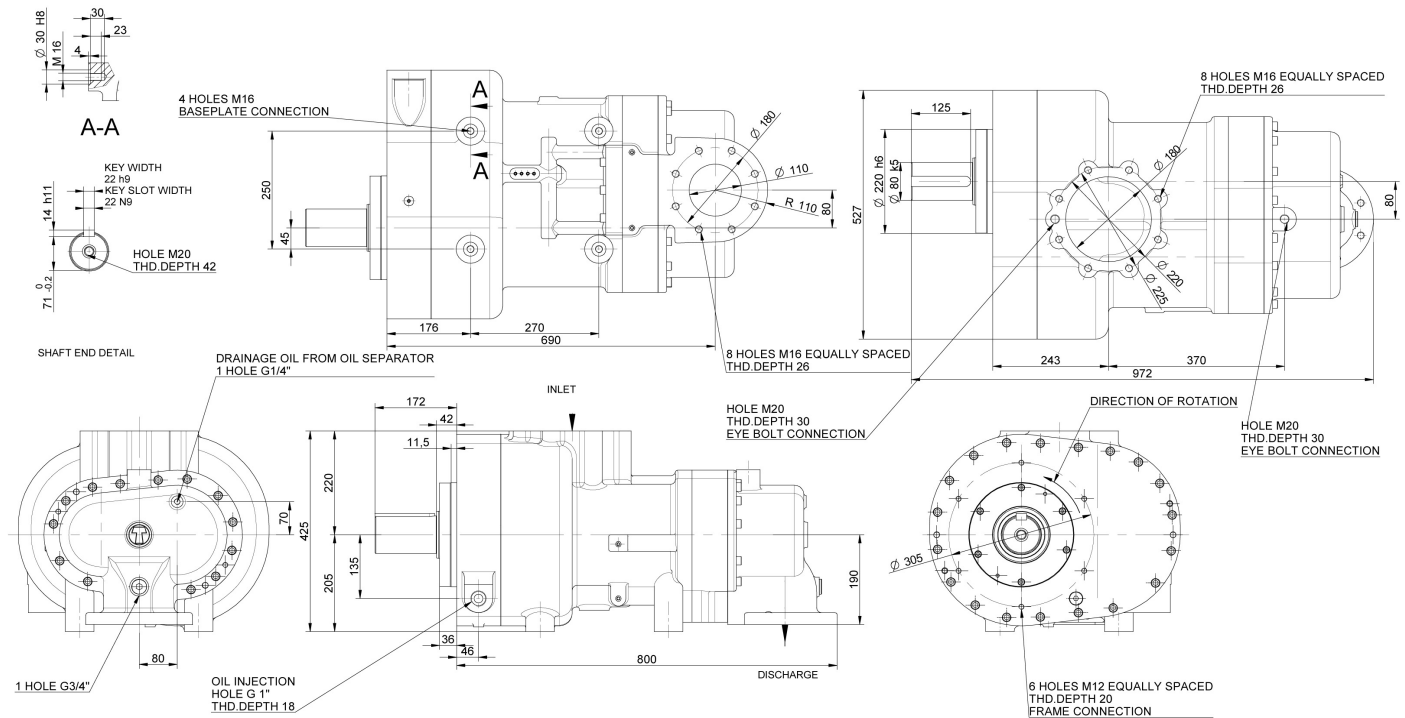
Working pressure: min 3 barg/40 psig - max 15 barg/220 psig

Weight: 429 kg - 945 lbs

Male rotor size: 217 mm

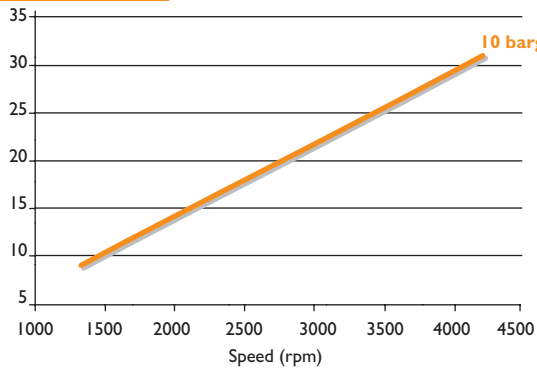


Outside view drawing

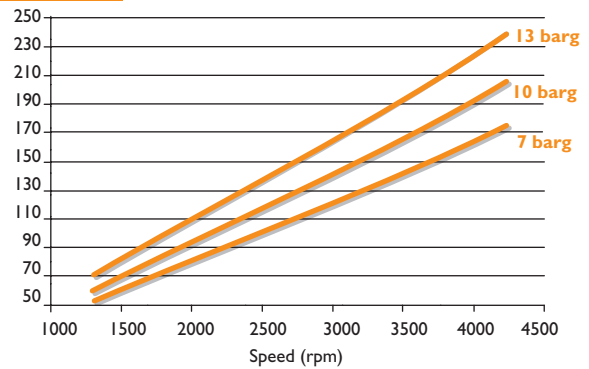


Data Tables

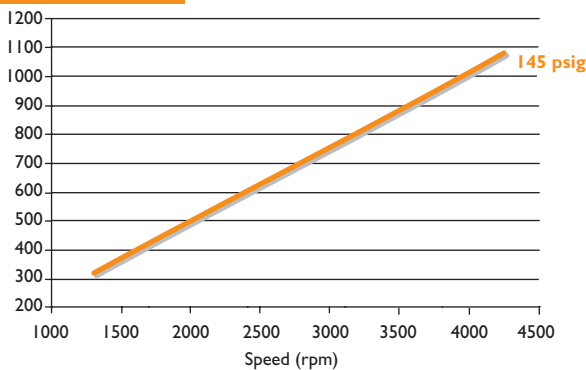
Air Capacity (m³/min)



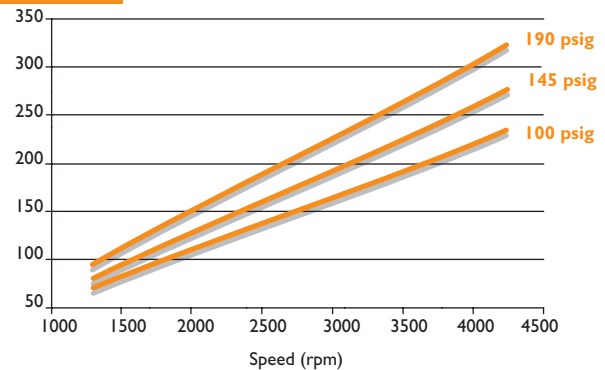
Power (kW)



Air Capacity (cfm)



Power (HP)



Drive: Male

Female rotor size: 183 mm

Working pressure: min 3 barg/40 psig - max 15 barg/220 psig

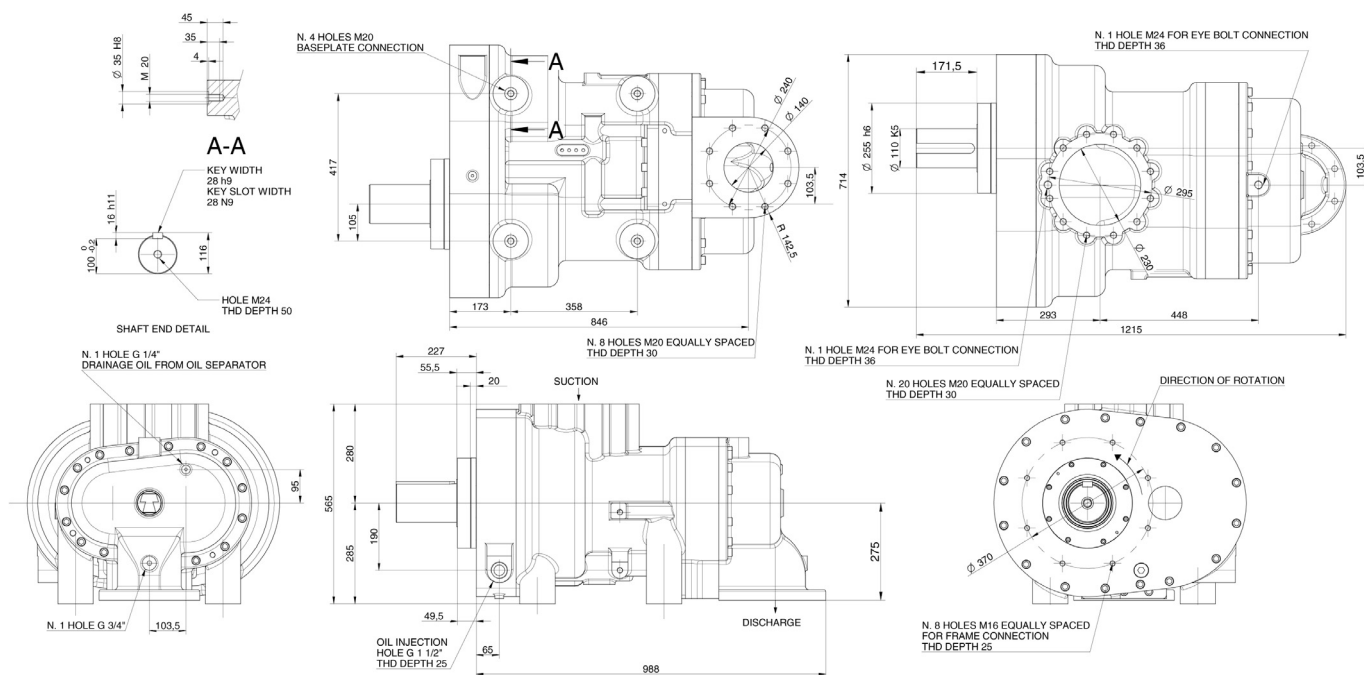
Lobe combination: 5/6

L/D: 1,85

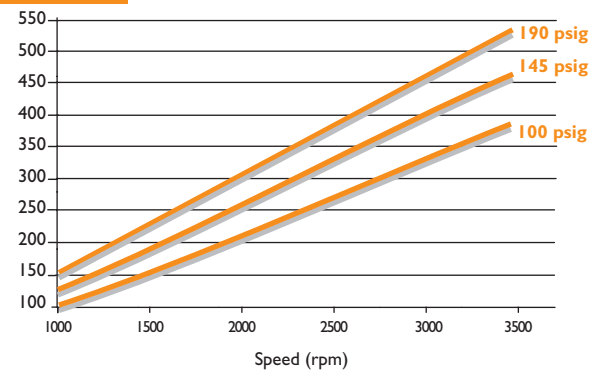
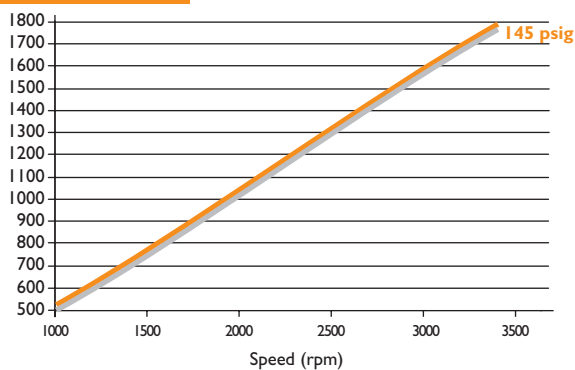
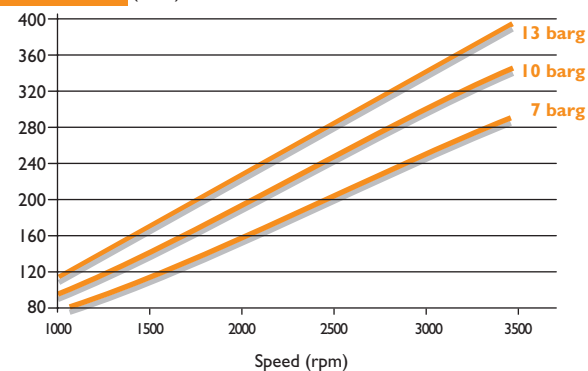
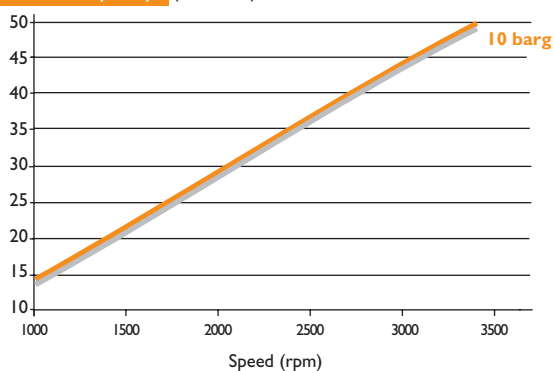
Weight: 433 kg - 954 lbs

Male rotor size: 217 mm

Outside view drawing



Data Tables



Drive: Male

Female rotor size: 233,9 mm

Working pressure: min 3 barg/40 psig - max 15 barg/220 psig

Lobe combination: 5/6

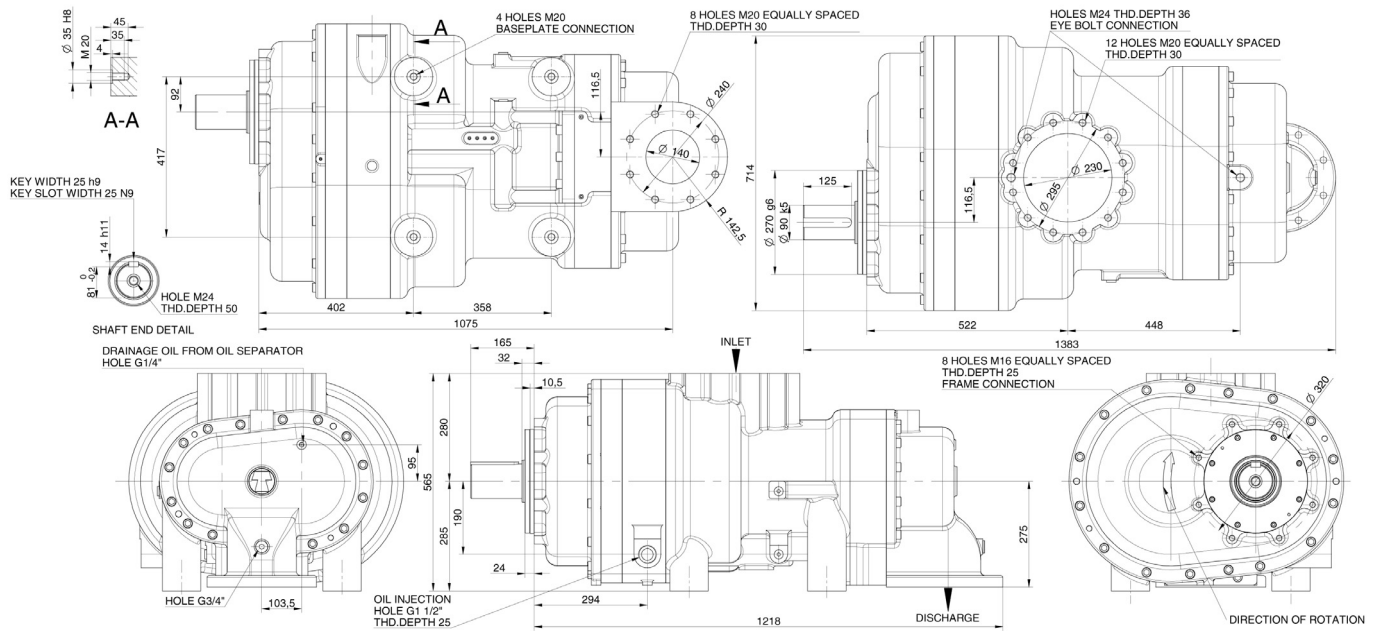
L/D: 1,70

Weight: 862 kg - 1900 lbs

Male rotor size: 281 mm

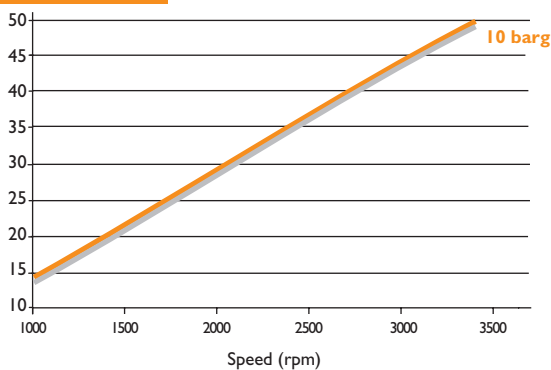


Outside view drawing

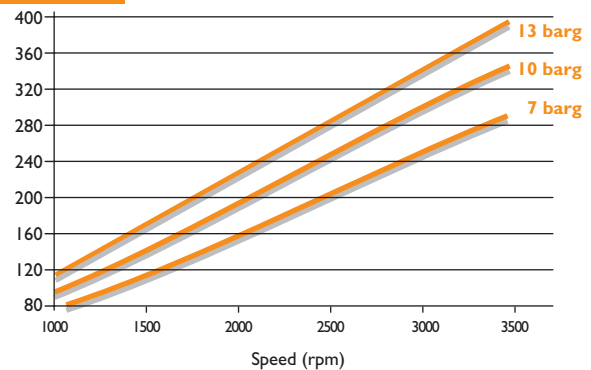


Data Tables

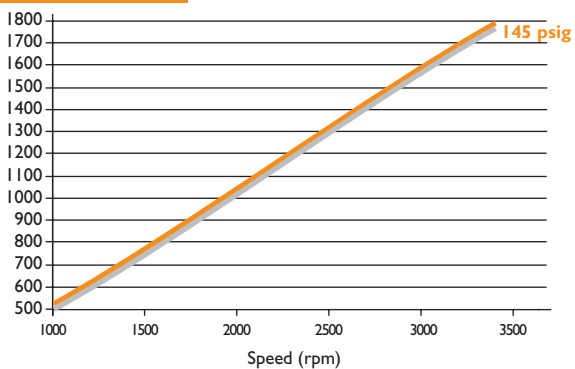
Air Capacity (m³/min)



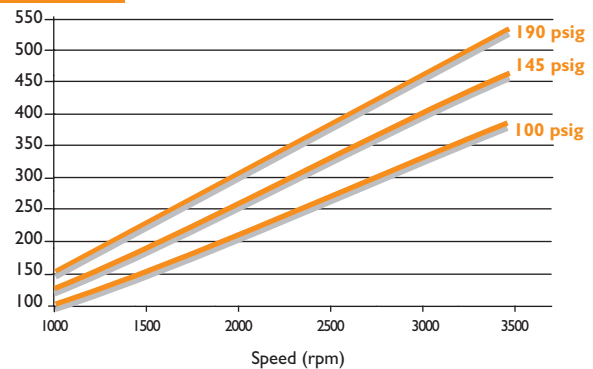
Power (kW)



Air Capacity (cfm)



Power (HP)



Drive: Male

Female rotor size: 233,9 mm

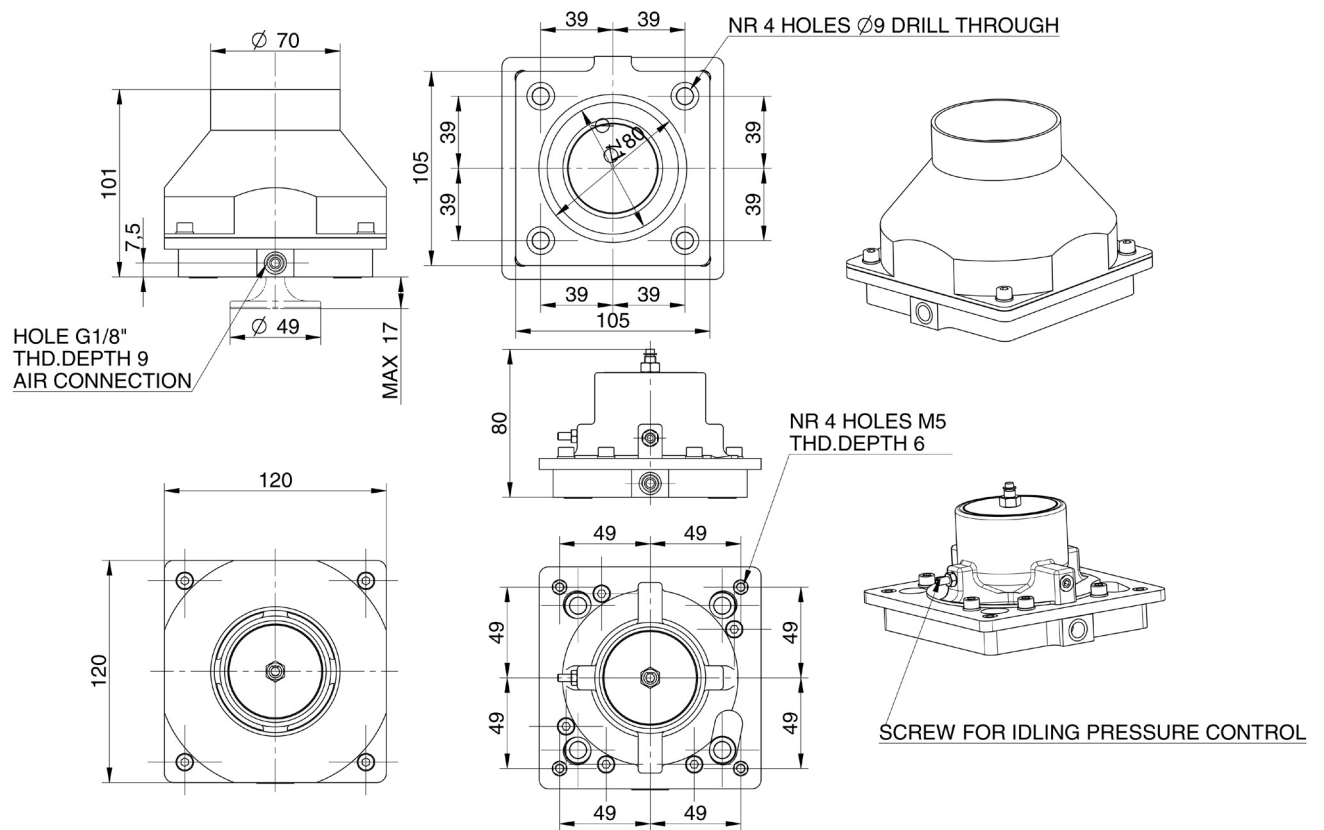
Working pressure: min 3 barg/40 psig - max 15 barg/220 psig

Lobe combination: 5/6

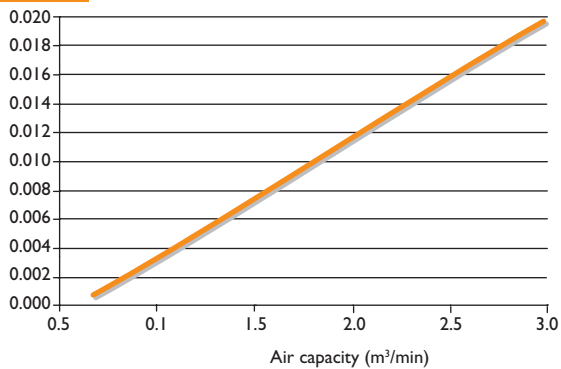
L/D: 1,70

Weight: 1095 kg - 2414 lbs

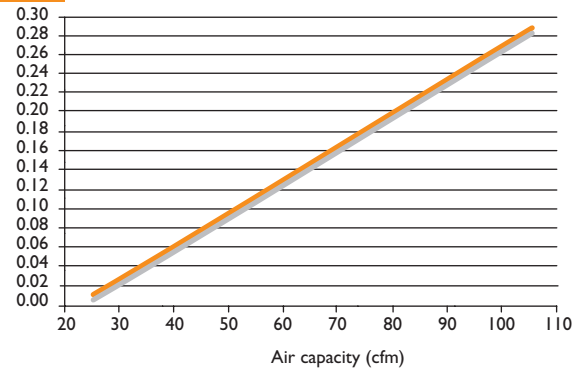
Male rotor size: 281 mm



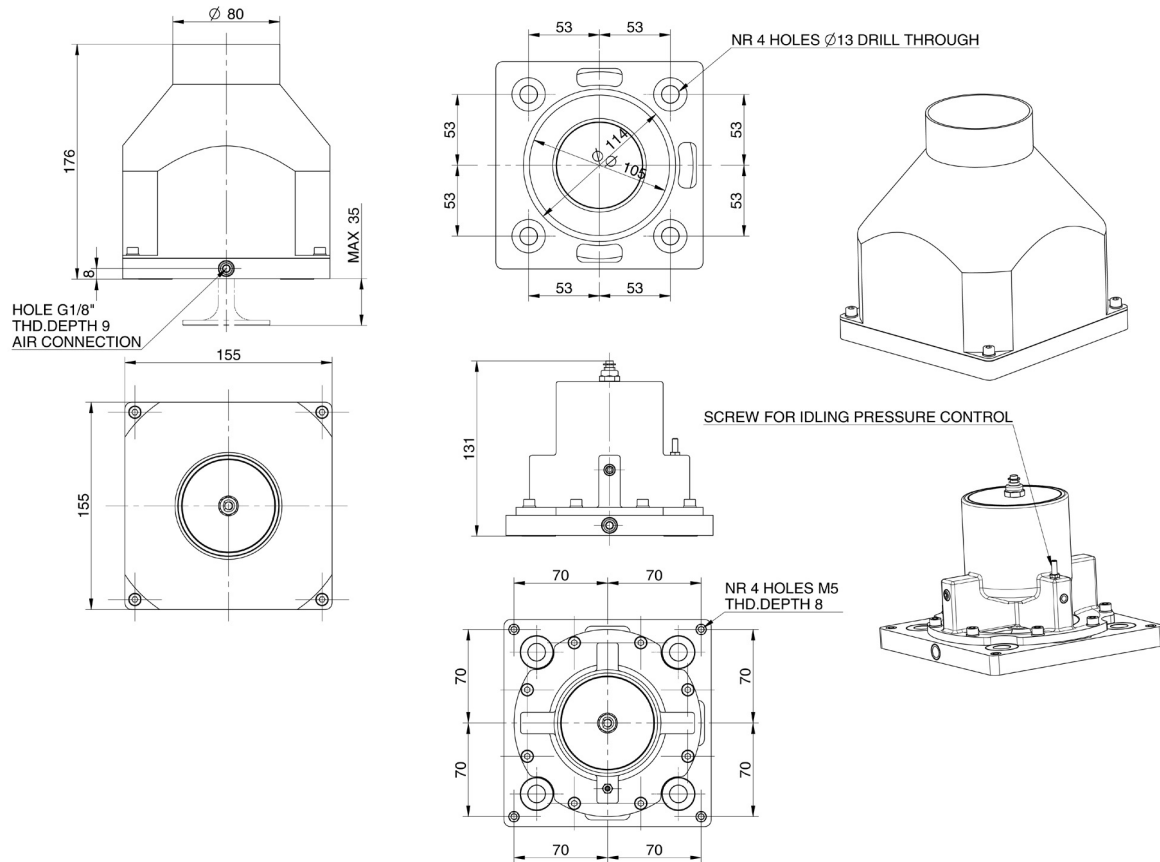
Pressure drop (bar)



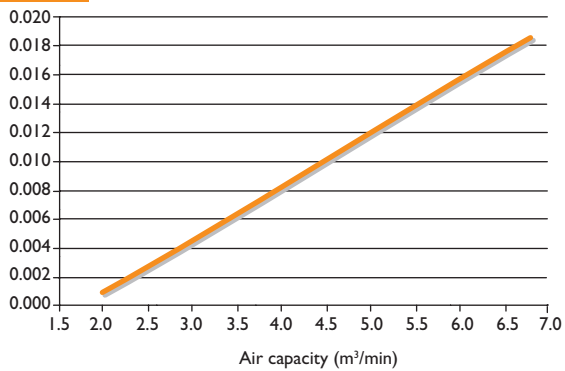
Pressure drop (psi)



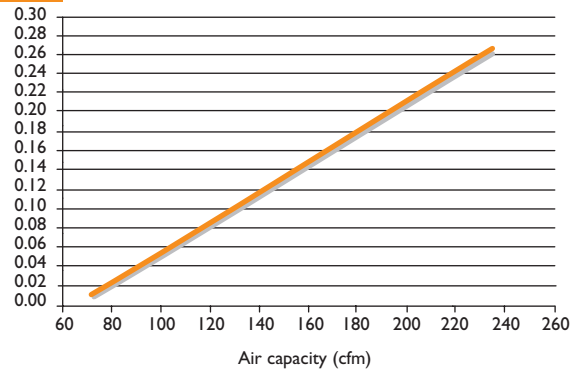
Idling pressure control range



Pressure drop (bar)



Pressure drop (psi)



Idling pressure control range



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