

Senago, 18/02/2020

Dimensions of joints motor size A280 IE1/2

Table No. 4a Free volumes and joint dimensions (Frame sizes 280)

Motor size	280
Max free volume [cm ³]	40.100
Joint L1 (cylindrical) Shaft / internal cap [mm]	50 (on Ø90,2) Maximum air gap 0,262
Joint L2 (cylindrical) Shield / internal cap [mm]	33 Cylindrical (on Ø235) Maximum air gap 0,090
Joint L3 (Spigot) Shield / frame [mm]	14.5 plane + 39 Cylindrical (on Ø423) Maximum air gap 0,123
Joint L4 (spigot) Terminal box / frame [mm]	10 plane + 30 cylindrical (on Ø196) Maximum air gap 0,090
Joint L8 (threaded) Drain valve	1/2" GK – 10 working threads

Table No. 4b Free volumes and joint dimensions of terminal boxes (Frame sizes 280)

Terminal box	Standard
Max free volume [cm ³]	4.520
Joint L5 (spigot) Terminal box / cover [mm]	20 plane + 30 cylindrical (on Ø265) Maximum air gap 0,101
Joint L6 (threaded) Terminal box / bushing [mm]	M27 x 1,5 – 15 working threads
Joint L7 (threaded) Sealed bushing [mm]	M25 x 1,5 – 12 working threads
Joint L9 (cylindrical) Rubber bushing	Refer to Certificate IECEx LCI 09.0003U

DTE L.Pilone