

Performance Data U.S. Units  
 Datenblatt US Einheiten

komet | *Twin 160*

High Performance Nozzles / Hochleistungsdüsen Trajectory angle / Strahlwinkel **24°**

| PSI        | Nozzle<br>0.69" |      | Nozzle<br>0.79" |      | Nozzle<br>0.87" |      | Nozzle<br>0.89" |      | Nozzle<br>0.91" |      | Nozzle<br>0.94" |      | Nozzle<br>0.98" |      | Nozzle<br>1.02" |      | Nozzle<br>1.06" |      | Nozzle<br>1.08" |      | Nozzle<br>1.10" |      | Nozzle<br>1.18" |      | Nozzle<br>1.28" |      | Nozzle<br>1.38" |      |     |
|------------|-----------------|------|-----------------|------|-----------------|------|-----------------|------|-----------------|------|-----------------|------|-----------------|------|-----------------|------|-----------------|------|-----------------|------|-----------------|------|-----------------|------|-----------------|------|-----------------|------|-----|
|            | GPM             | DIA. | GPM             | DIA. | GPM             | DIA. | GPM             | DIA. | GPM             | DIA. | GPM             | DIA. | GPM             | DIA. | GPM             | DIA. | GPM             | DIA. | GPM             | DIA. | GPM             | DIA. | GPM             | DIA. | GPM             | DIA. | GPM             | DIA. | GPM |
| <b>40</b>  | 85              | 221' | 110             | 229' | 136             | 236' | 139             | 239' | 149             | 242' | 162             | 248' | 172             | 254' | 190             | 259' | 205             | 264' | 208             | 268' | 220             | 271' | 248             | 279' | 291             | 291' | 337             | 301' |     |
| <b>50</b>  | 95              | 256' | 123             | 269' | 152             | 280' | 156             | 284' | 166             | 288' | 181             | 295' | 192             | 302' | 212             | 307' | 229             | 312' | 233             | 317' | 246             | 320' | 277             | 333' | 325             | 348' | 377             | 364' |     |
| <b>60</b>  | 104             | 283' | 135             | 294' | 166             | 310' | 171             | 315' | 182             | 320' | 198             | 327' | 211             | 334' | 232             | 340' | 251             | 345' | 255             | 350' | 270             | 354' | 303             | 367' | 356             | 386' | 413             | 401' |     |
| <b>70</b>  | 113             | 296' | 146             | 308' | 180             | 327' | 184             | 332' | 196             | 336' | 214             | 343' | 227             | 350' | 251             | 358' | 271             | 366' | 275             | 371' | 291             | 375' | 328             | 390' | 384             | 407' | 446             | 422' |     |
| <b>80</b>  | 120             | 305' | 156             | 321' | 192             | 338' | 197             | 345' | 210             | 350' | 229             | 357' | 243             | 364' | 268             | 372' | 289             | 379' | 294             | 384' | 311             | 389' | 350             | 404' | 411             | 421' | 476             | 436' |     |
| <b>90</b>  | 128             | 310' | 165             | 329' | 204             | 346' | 209             | 352' | 223             | 358' | 243             | 366' | 258             | 374' | 285             | 382' | 307             | 390' | 312             | 395' | 330             | 401' | 371             | 413' | 436             | 429' | 506             | 444' |     |
| <b>100</b> | 135             | 314' | 174             | 334' | 215             | 350' | 220             | 357' | 235             | 364' | 256             | 372' | 272             | 379' | 300             | 387' | 324             | 395' | 329             | 401' | 348             | 407' | 392             | 418' | 459             | 434' | 533             | 450' |     |
| <b>110</b> | 141             | 317' | 182             | 336' | 225             | 352' | 231             | 359' | 246             | 366' | 268             | 374' | 285             | 382' | 315             | 391' | 339             | 399' | 345             | 404' | 365             | 412' | 411             | 421' | 482             | 438' | 559             | 453' |     |
| <b>120</b> | 147             | 318' | 191             | 339' | 235             | 355' | 241             | 363' | 257             | 369' | 280             | 377' | 298             | 385' | 329             | 393' | 354             | 401' | 360             | 407' | 381             | 415' | 429             | 424' | 503             | 442' | 584             | 456' |     |

N.B. The performance data were obtained under ideal testing conditions and may be adversely affected by wind and other factors. Pressure refers to pressure at nozzle. A lowered trajectory angle improves the irrigation efficiency in windy conditions. For every 3° drop of the trajectory angle the throw is reduced by approx. 3 to 4%. Die in der Tabelle angegebenen Daten beziehen sich auf Windstille und können durch Windeinfluss oder andere Faktoren negativ beeinflusst werden. Der angegebene Betriebsdruck bezieht sich auf den Druck an der Düse. Das Absenken des Strahlwinkels erhöht die Effizienz der Beregnung bei Wind. Je 3 Grad Absenkung vermindert sich die Wurfweite um ca. 3 bis 4%.