



??

?????????? 1????????????????:

|       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ????? | HG-30 | HG-40 | HG-50 | HG-60 | HG-70 | HG-80 | HG-90 | HG-10 | HG-11 | HG-12 | HG-12 | HG-15 |
|       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 00    | 00    | 00    | 50    | 00    |

?????? 60°?

80°

?????? 0.37?0 0.55?1 0.75?1 1.1?2. 1.5?3

?kw? .75 .1 .5 2

?????? ?2

??m/m

in?

|      |     |     |     |     |     |     |     |      |      |      |      |      |
|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|
| ???W | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1250 | 1500 |
|------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|

0(mm)

?????H H+H1

0?mm +1350

?

|        |     |     |     |     |      |      |      |      |      |      |      |      |
|--------|-----|-----|-----|-----|------|------|------|------|------|------|------|------|
| ?????W | 650 | 750 | 850 | 950 | 1050 | 1150 | 1250 | 1350 | 1450 | 1550 | 1600 | 1850 |
|--------|-----|-----|-----|-----|------|------|------|------|------|------|------|------|

1(mm)

|      |     |     |     |     |     |     |      |      |      |      |      |      |
|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| ??W( | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1350 | 1600 |
|------|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|

mm)

??H(m 1000?

m) 2000(

?????)

?????? 1500+

L(mm) H x ct

g?

?????? ?80 ?

??

????? 400?1

???H1 000(??

?mm? ??)

2???????

| ??    | HG-30  | HG-40  | HG-50  | HG-60  | HG-70  | HG-80  | HG-90  | HG-10  | HG-11  | HG-12  | HG-12  | HG-15  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|       | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 00     | 00     | 00     | 50     | 00     |
| ????( | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    |
| m)    |        |        |        |        |        |        |        |        |        |        |        |        |
| ????( | 0.5-1. | 0.5-1. | 0.5-1. | 0.5-1. | 0.5-1. | 0.5-1. | 0.5-1. | 0.5-1. | 0.5-1. | 0.5-1. | 0.5-1. | 0.5-1. |
| m/s)  | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      |
| ??    | ????(  | 1850-  | 2080-  | 2900-  | 3700-  | 4500-  | 5300-  | 6000-  | 7000-  | 7800-  | 8600-  | 9000-  |
|       | m3/d)  | 3700   | 4160   | 5800   | 7400   | 9000   | 10600  | 12000  | 14000  | 15600  | 17200  | 18000  |

1(mm)

|       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 3(mm) | 3700- | 4100- | 5700- | 7500- | 9000- | 10600 | 12300 | 14000 | 15600 | 17200 | 18000 | 22000 |
|       | 7400  | 8200  | 11400 | 15000 | 18000 | -2120 | -2460 | -2800 | -3120 | -3440 | -3600 | -4400 |
|       |       |       |       |       |       | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| 5(mm) | 4500- | 5200- | 7100- | 9200- | 11200 | 13000 | 15000 | 17400 | 19400 | 21000 | 22500 | 24000 |
|       | 9000  | 10400 | 14200 | 18400 | -2240 | -2600 | -3000 | -3480 | -3880 | -4200 | -4500 | -4800 |
|       |       |       |       |       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| 10(m  | 5300- | 6200- | 8800- | 11000 | 13500 | 16000 | 17400 | 21000 | 24000 | 25000 | 26000 | 27000 |
| m)    | 10600 | 12400 | 17600 | -2200 | -2700 | -3200 | -3480 | -4220 | -4800 | -5000 | -3200 | -5400 |
|       |       |       |       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     |
| 20(m  | 5500- | 6650- | 9000- | 11500 | 14000 | 17000 | 19000 | 22000 | 25000 | 27000 | 28000 | 29000 |
| m)    | 11000 | 13000 | 18000 | -2300 | -2800 | -3400 | -3800 | -4400 | -5000 | -5400 | -5600 | -5800 |

|      |       |       |       |       |       |       |       |       |       |       |       |       |   |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
|      |       |       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0 |
| 30(m | 7100- | 8600- | 11700 | 14900 | 18200 | 22100 | 24700 | 28600 | 32500 | 35100 | 36400 | 37700 |   |
| m)   | 14200 | 17200 | -2340 | -2980 | -3640 | -4420 | -4940 | -5720 | -6500 | -7020 | -7280 | -7540 |   |
|      |       |       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0 |
| 40(m | 7800- | 10200 | 14500 | 18800 | 23000 | 27000 | 31500 | 36000 | 40400 | 44500 | 46500 | 57500 |   |
| m)   | 15600 | -2040 | -2900 | -3760 | -4600 | -5400 | -6300 | -7200 | -8080 | -8900 | -9300 | -1150 |   |
|      |       | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 00    |   |
| 50(m | 10200 | 13250 | 18850 | 24450 | 29900 | 35100 | 40950 | 46800 | 52000 | 57200 | 59800 | 74100 |   |
| m)   | -2040 | -2650 | -3770 | -4890 | -5980 | -7020 | -8190 | -9360 | -1040 | -1144 | -1196 | -1482 |   |
|      | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 00    | 00    | 00    | 00    |   |

?????????????????HG2000?????????????????10mm?????????42200?84400m3/d????????,???,???,??  
?,?????,????? ?????????????????????????????????,?????,????? ???????