

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 14HS28 @1480 R.P.M

14HS28/X/105254

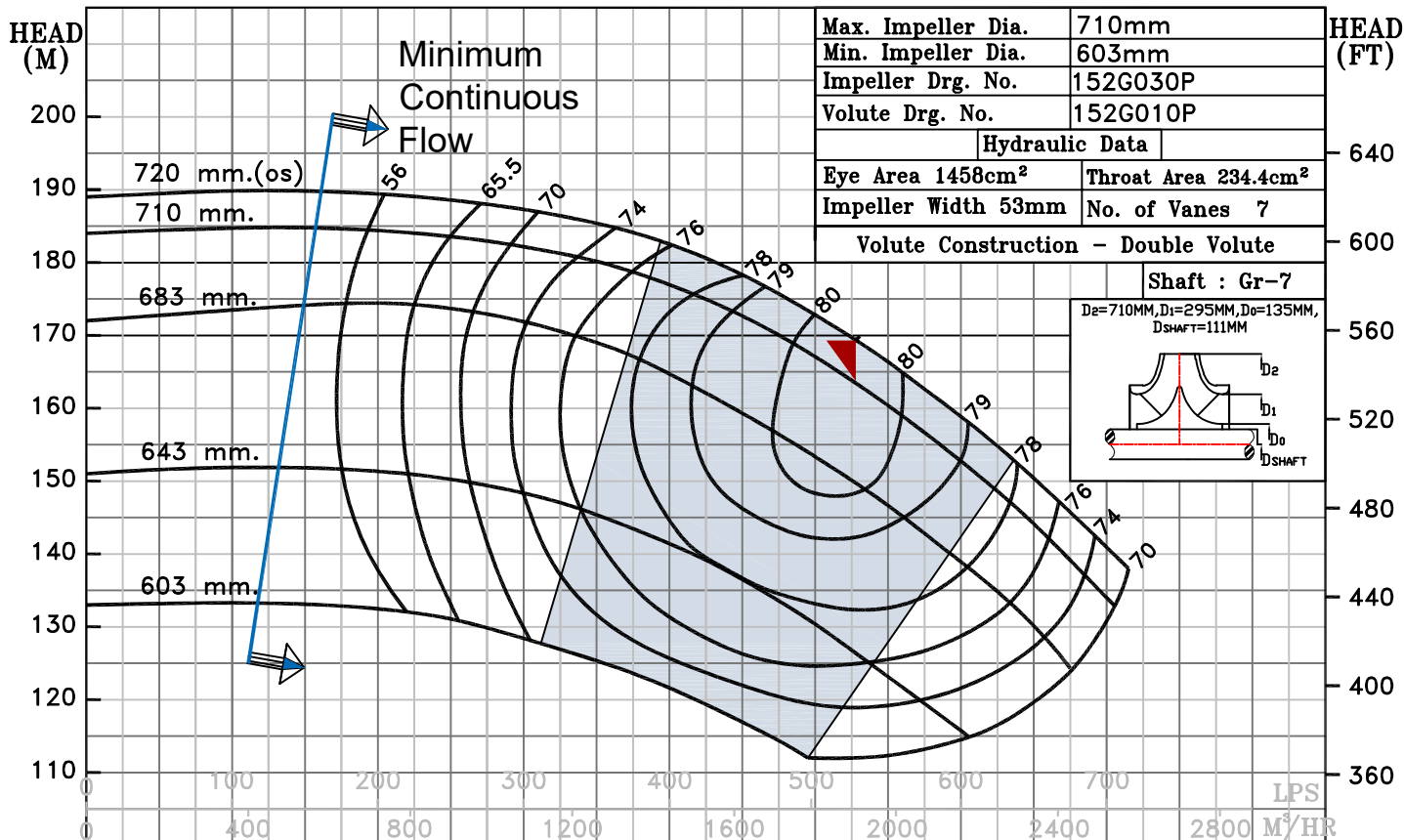


HS RANGE

|                                      |             |                   |        |
|--------------------------------------|-------------|-------------------|--------|
| MODEL                                | 14HS28      | WORKING PRESS.    | 20 bar |
| SIZE                                 | 450x350-710 | TEST PRESS.       | 30 bar |
| TYPE-AXIALLY SPLIT CASE SINGLE STAGE |             | SPEED 1480 rpm    |        |
|                                      |             | DATE - 06.10.2022 |        |

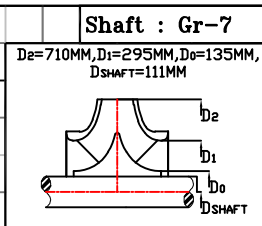
SHADED REGION ON THE H-Q CURVE REPRESENTS OPTIMUM SELECTION ZONE

PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



|                    |          |
|--------------------|----------|
| Max. Impeller Dia. | 710mm    |
| Min. Impeller Dia. | 603mm    |
| Impeller Drg. No.  | 152G030P |
| Volute Drg. No.    | 152G010P |

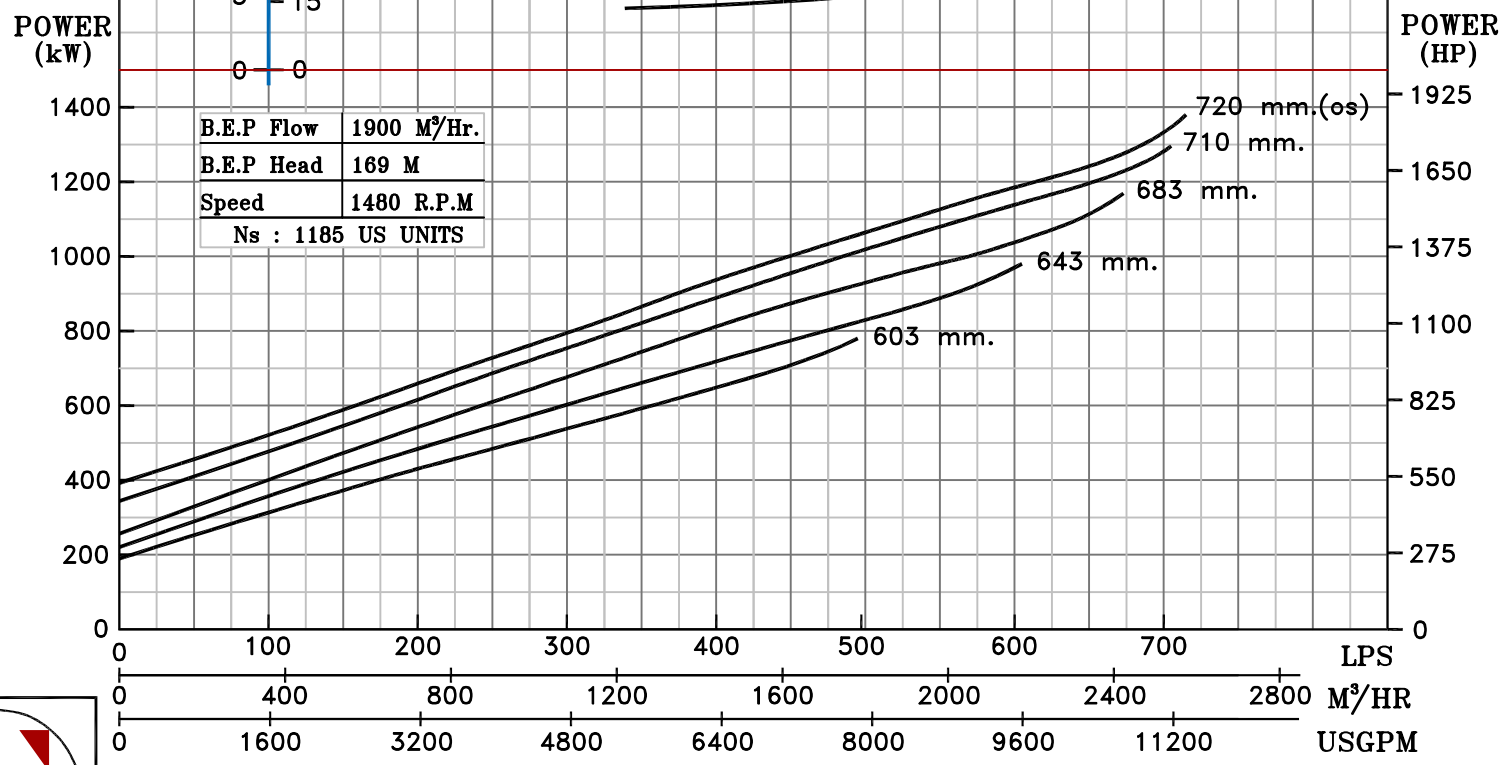
| Hydraulic Data                      |                                  |
|-------------------------------------|----------------------------------|
| Eye Area 1458cm <sup>2</sup>        | Throat Area 234.4cm <sup>2</sup> |
| Impeller Width 53mm                 | No. of Vanes 7                   |
| Volute Construction - Double Volute |                                  |



NPSHr (M) (FT)

|    |    |
|----|----|
| 10 | 30 |
| 5  | 15 |
| 0  | 0  |

|                    |                          |
|--------------------|--------------------------|
| B.E.P Flow         | 1900 M <sup>3</sup> /Hr. |
| B.E.P Head         | 169 M                    |
| Speed              | 1480 R.P.M               |
| Ns : 1185 US UNITS |                          |



1480 RPM