



All general and linear dimension shall be classified as a medium tolerance.
This includes lengthwise measurements and unspecified dimensions.
Use the standard NS-ISO 2768-1:1990.

| PARTS LIST | | | |
|--|-----|-------------------------------------|---|
| ITEM | QTY | PART NUMBER | DESCRIPTION |
| 1 | 1 | Boss | |
| 2 | 1 | Motor holder flange | |
| 3 | 1 | Gearbox | |
| 4 | 1 | Motor | |
| 5 | 1 | Jaw coupling | |
| 6 | 1 | Bearing housing rear assembly | |
| 7 | 1 | Cage | |
| 8 | 1 | Slipring | |
| 9 | 1 | Shaft coupling | |
| 10 | 1 | Bearing/seal housing fwd. assembly | |
| 11 | 1 | Tower flange | |
| 12 | 1 | Turbine housing fwd | |
| 13 | 1 | Cooling sleeve | |
| 14 | 1 | Turbine housing rear | |
| 15 | 1 | End plate rear | |
| 16 | 1 | End plate fwd. | |
| 17 | 1 | Sphere 3D printed | |
| 18 | 1 | Spacer | |
| 19 | 4 | ISO 3601-1 O RING 66,34X2,62 R 3262 | Fluid power systems - O-ring |
| 20 | 1 | ISO 3601-1 O RING 55,25X2,62 R 3218 | Fluid power systems - O-ring |
| 21 | 2 | ISO 3601-1 O RING 78,97X3,53 R 4312 | Fluid power systems - O-ring |
| 22 | 1 | ISO 3601-1 - O RING 30X1,8 | Fluid power systems - O-ring |
| 23 | 1 | ISO 3601-1 O RING 69,57 x 2,41 | Fluid power - O-Rings and housings - Inch series, metric conversion |
| 24 | 4 | CSN 02 1174 - A M8 x 20 | Double End Stud |
| 25 | 17 | DIN 835 - M5 x 20 | Double End Stud |
| 26 | 17 | ISO 7089 - 5 | Plain washers - Normal series - Product grade A |
| 27 | 4 | ISO 7089 - 8 | Plain washers - Normal series - Product grade A |
| 28 | 4 | ISO 4032 - M8 | Hexagon nuts, style 1 - Product grades A and B |
| 29 | 17 | ISO 4032 - M5 | Hexagon nuts, style 1 - Product grades A and B |
| 30 | 4 | AS 1420 - 1973 - M5 x 16 | ISO metric hexagon socket head cap screws |
| 31 | 6 | AS 1420 - 1973 - M5 x 12 | ISO metric hexagon socket head cap screws |
| 32 | 9 | AS 1420 - 1973 - M5 x 20 | ISO metric hexagon socket head cap screws |
| 33 | 6 | AS 1420 - 1973 - M5 x 14 | ISO metric hexagon socket head cap screws |
| 34 | 6 | AS 1420 - 1973 - M4 x 16 | ISO metric hexagon socket head cap screws |
| 35 | 1 | ISO 7089 - 6 | Plain washers - Normal series - Product grade A |
| 36 | 1 | AS 1420 - 1973 - M6 x 25 | ISO metric hexagon socket head cap screws |
| 37 | 6 | ISO 4026 - M5 x 8 | Hexagon socket set screws with flat point |
| 38 | 4 | ISO 4026 - M5 x 5 | Hexagon socket set screws with flat point |
| 39 | 1 | Transducer connector | |
| 40 | 1 | Transducer cover | |
| 41 | 1 | Transducer | |
| 42 | 1 | Turbine rotor assembly | |
| 43 | 1 | Nosecone | |
| Designed by NB1 | | Format A1 | Material |
| | | Scale 1 : 2 | Date 13.04.2022 |
| Høgskulen på Vestlandet IMM | | B03_exploded.dwg | |
| | | B03_exploded | Edition Sheet 1 / 1 |