



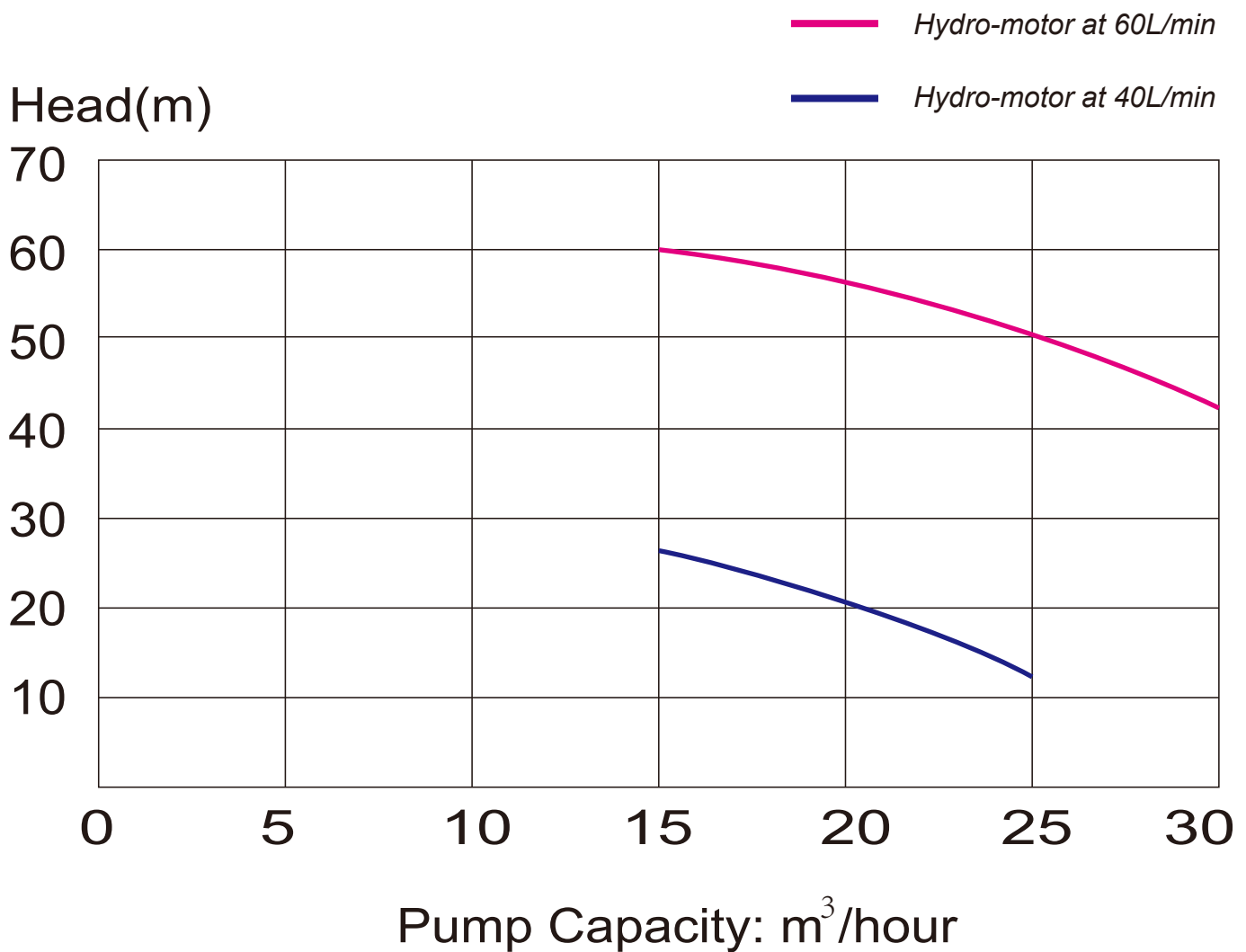
## Performance Curve

| Model       | Pump Inlet Outlet                                               | Pump Working Performamnce | Hydromotor<br>Oil Input<br>Flow | Hydromotor<br>Max Pressure | Hydromotor<br>In/out<br>Port | Hydromotor<br>oil Return<br>Port |
|-------------|-----------------------------------------------------------------|---------------------------|---------------------------------|----------------------------|------------------------------|----------------------------------|
| SSBM6550200 | In: BSPP Internal thread 2 1/2"<br>Out: BSPP Internal thread 2" | 25m3/hr-50m               | 60LPM                           | 20MPA                      | M22x1.5                      | G1/4                             |
| SSBM6550160 | In: BSPP Internal thread 2 1/2"<br>Out: BSPP Internal thread 2" | 25m3/hr-32m               | 60LPM                           | 20MPA                      | M22x1.5                      | G1/4                             |
| SSBM5032200 | In: BSPP Internal thread 2"<br>Out: BSPP Internal thread 1 1/2" | 12.5m3/hr-50m             | 60LPM                           | 20MPA                      | M22x1.5                      | G1/4                             |



# Performance Diagram

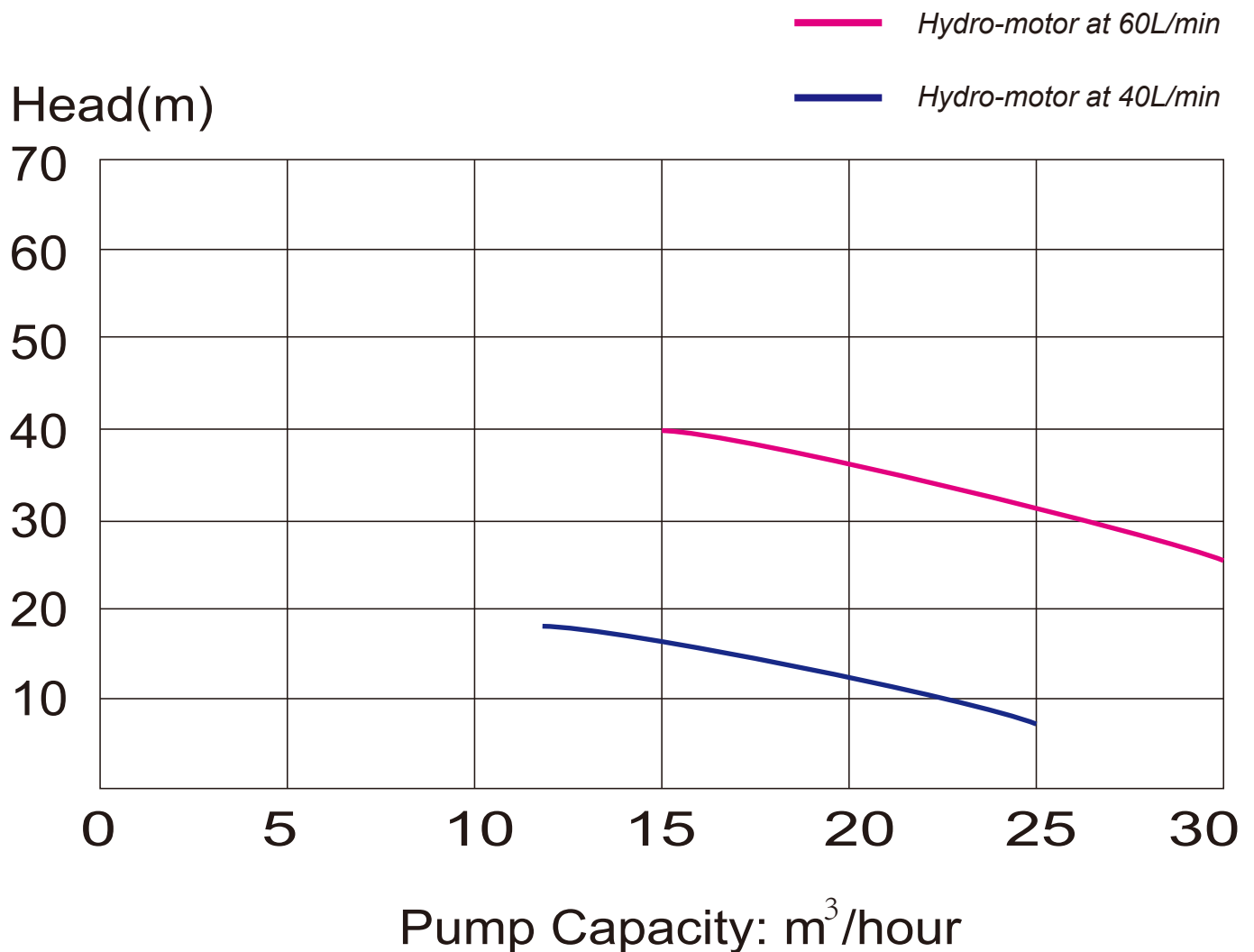
HYDRO MOTOR SSBM6550200 Mechanical TYPE





# Performance Diagram

HYDRO MOTOR SSBM6550160 Mechanical TYPE





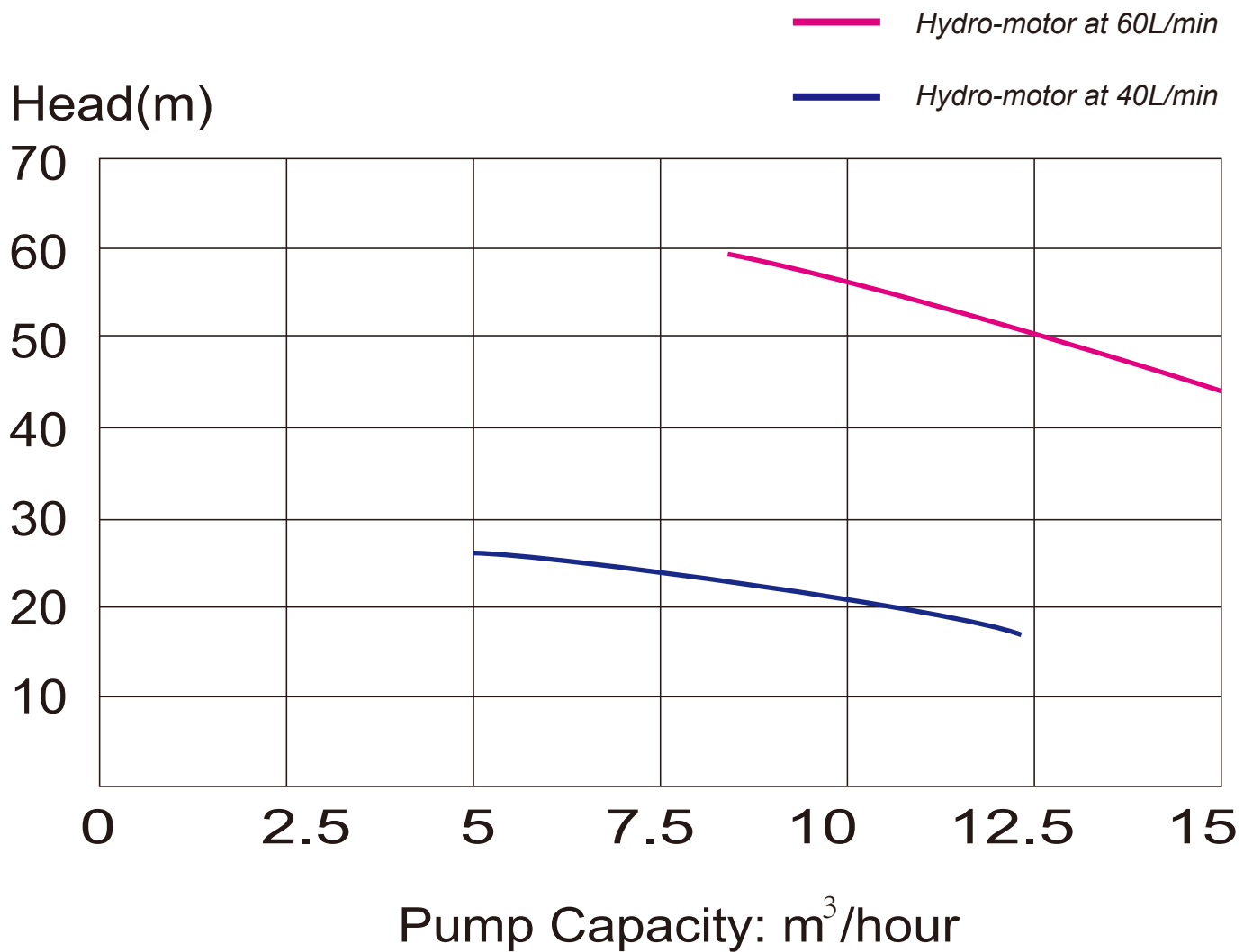
SSBM series

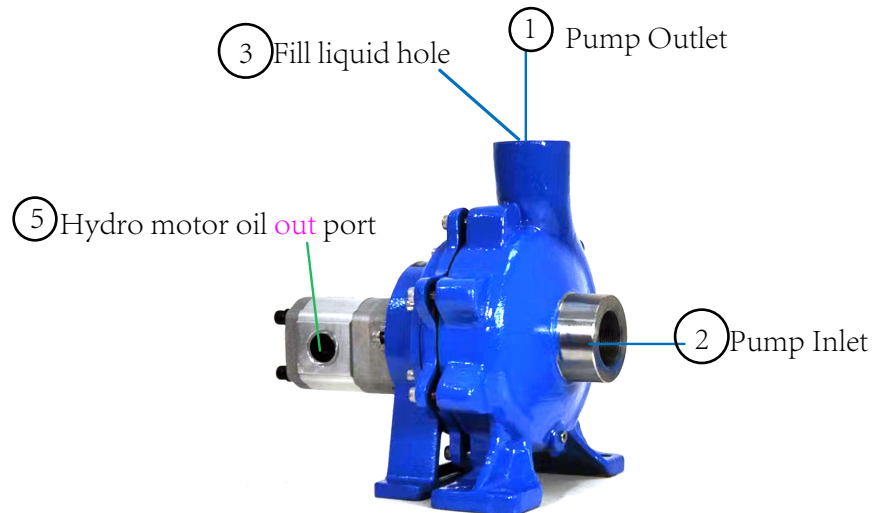
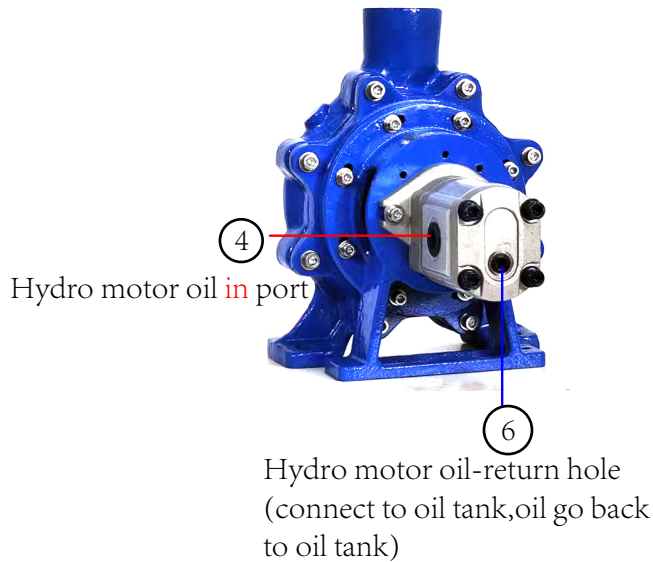
HYDRO MOTOR MECHANICAL PUMP

Cast Iron / Stainless Steel

# Performance Diagram

## HYDRO MOTOR SSBM5032200 Mechanical TYPE

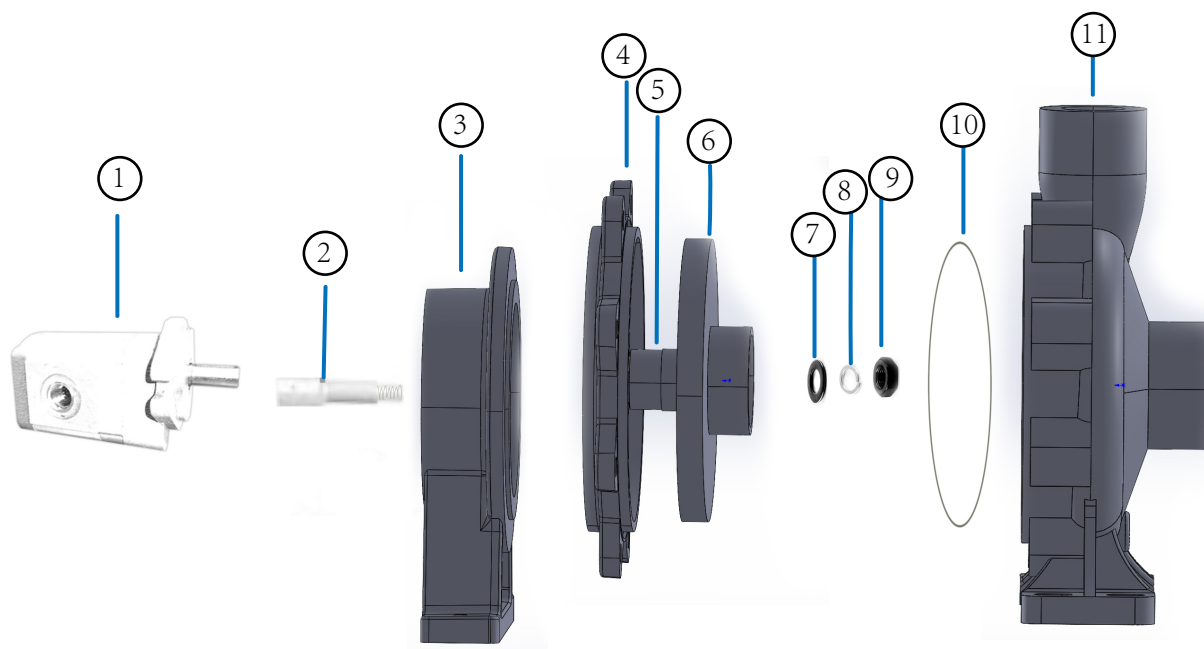




## Operation

1. Pump inlet connect liquid inlet pipe
2. Pump outlet connect liquid outlet pipe.
3. Fill liquid into pump, make sure pump is full of liquid.
4. connect oil pipe to in port.
5. connect oil pipe to out port.
6. connect oil-return pipe to return hole, the oil which over pressure will go back to oil tank.

( Hydro oil go in hydromotor from inport hole, and go back to hydro system through outport hole , but not through oil-return hole. oil-return hole is only for protecting oil pressure not excess much.)



| Part Number | Part Name       | Stainless Steel Model Material | Cast Iron Model Material |
|-------------|-----------------|--------------------------------|--------------------------|
| 1           | Hydromotor      | Hydromotor                     | Hydromotor               |
| 2           | shaft           | SUS304                         | SUS304                   |
| 3           | Bracket         | Cast iron                      | Cast iron                |
| 4           | Rear Cover      | SUS304                         | Cast iron                |
| 5           | Mechanical Seal | ALLOY,FKM                      | ALLOY,FKM                |
| 6           | Impeller        | SUS304                         | Cast iron                |
| 7           | SS Gasket       | SUS304                         | SUS304                   |
| 8           | SS spring       | SUS304                         | SUS304                   |
| 9           | Nut             | Titanium                       | Steel                    |
| 10          | O-ring          | FKM                            | EPDM                     |
| 11          | Main body       | SUS304                         | Cast iron                |