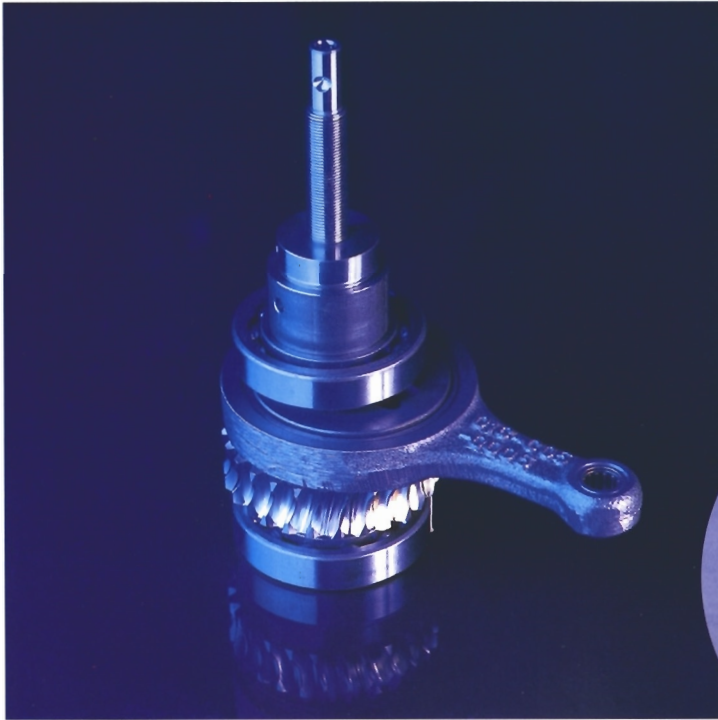


Nikkiso Metering Pumps are innovated to incorporate advanced power end design

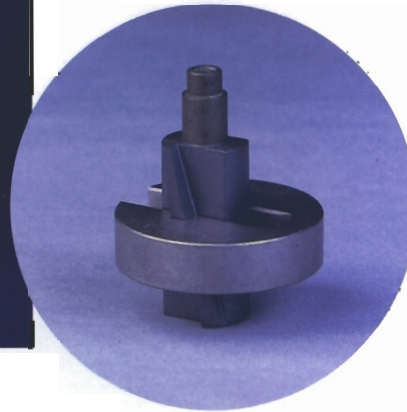
MX Series

Conforms to API STANDARD 675 and performs precise metering accuracy, high reliability and durability.

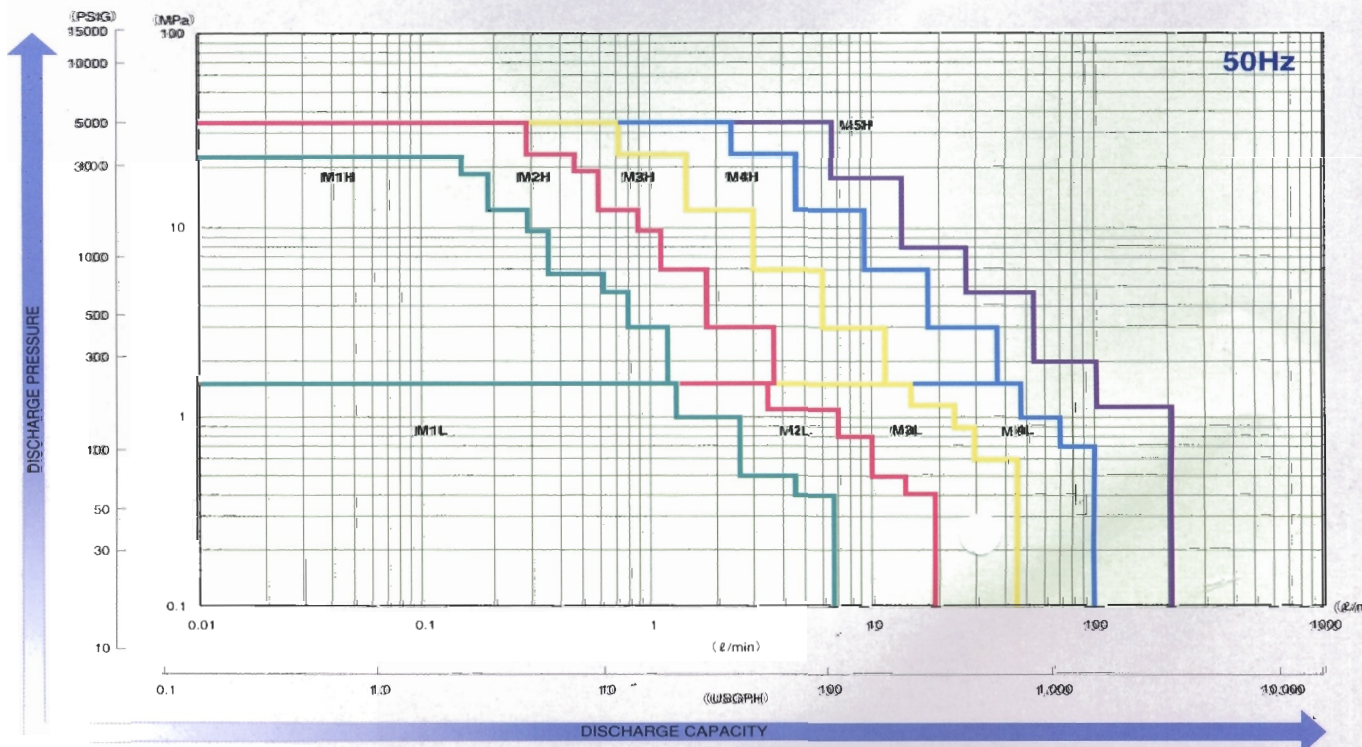


Advanced unique 'X^{CROSS} CRANK' system (Patent Pend.) is introduced to achieve following objectives:

- To improve robustness for durability and reliability.
- To achieve higher piston forces load to increase performance range.
- To accommodate high rotating speed.
- Compact crank design for cost benefit (Lower initial cost and maintenance cost).



Capacity-Pressure Ranges



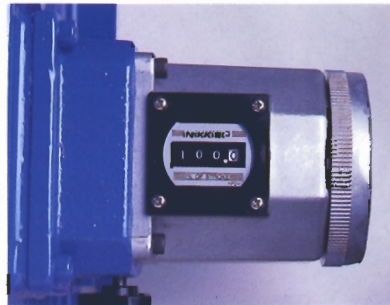
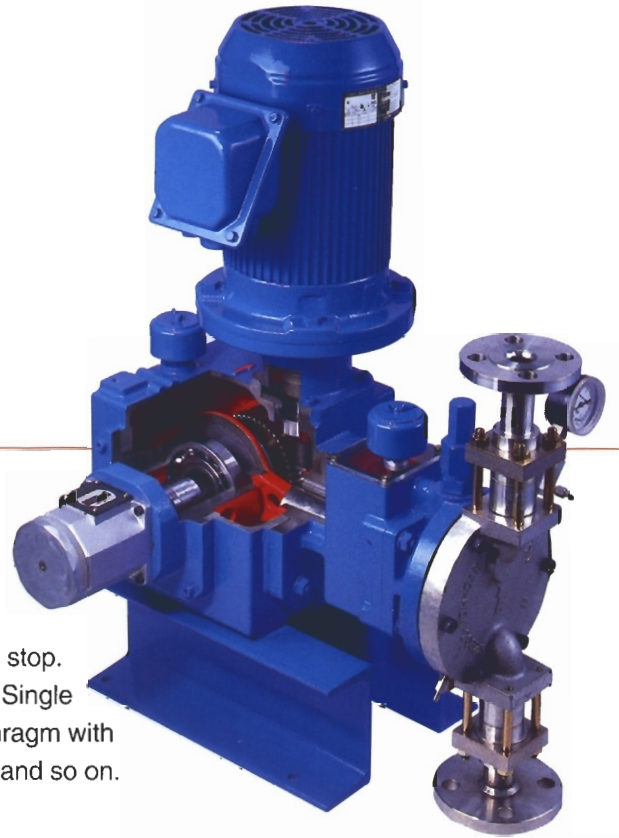
Notes :

1. The above charts show Capacity-Pressure ranges of simplex pump. In case of multiplex pump, capacity shall be multiplied according to number of heads.

2. Please refer to 'Technical Data' booklet for detail pump selection and model number coding.

Features

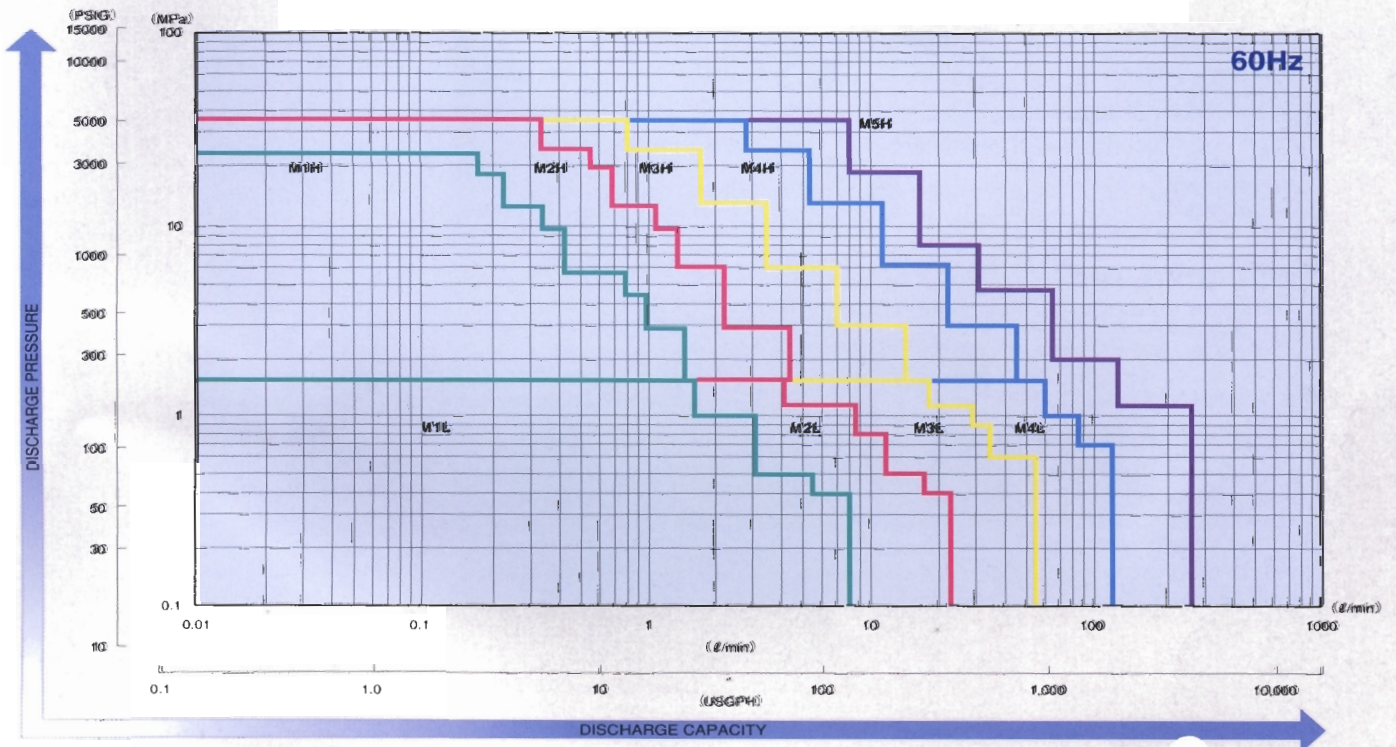
1. Conforming to API Standard 675.
2. Long term metering accuracy better than $\pm 0.5\%$
3. Precise stroke setting by 0.1% due to digital stroke indicator.
4. Motor mounting can be both vertical and horizontal.
5. Pump stroke variable from 0% to 100% while pump is running and stop.
6. Various Liquid End types according to fluid metered are available. Single or double diaphragm (hydraulically actuated type), sandwich diaphragm with rupture sensor/indicator, packed plunger, Heating / Cooling jacket and so on.
7. Manual, Electronic and Pneumatic stroke control are available.
8. Vacuum operation possible.
9. Diaphragm Position Control system eliminates contour plate in process side chamber.



Digital Stroke Indicator
(Precise Stroke-Setting by 0.1%)



Sandwich Diaphragm with Rupture Indicator



3. For the pumps that exceeds Capacity-Pressure ranges of above charts, please refer to Nikkiso 'High Power Pump' brochure.