

IY2.53 Hydraulic transmission drives series

Model	Total displacement (ml/rev)	Rated torque (N.m)		Speed (r/min)	Motor model	Planetary gearbox	Brake	Optional distributor
		16 MPa	20 MPa					
IY2.53-2400***	2408	4500	6000	0.25-30	INM05-90	C2.53(i=28)	Z05	D40 D60*** D120***
IY2.53-3200***	3220	6000	8000	0.25-25	INM05-110			
IY2.53-4200***	4228	8000	/	0.25-20	INM05-150			

Note: Total displacement is determined by hydraulic motor displacement multiplies transmission ratio of planetary gearbox.
 Rated torque is the output torque considering pressures lose of 2MPa and transmission efficiency when the system pressure is 16Mpa or 20Mpa.
 Transmission efficiency includes mechanical and volumetric efficiency of hydraulic motor and mechanical efficiency of planetary gearbox. If the working pressure is higher than 16Mpa, please add a relief valve on the brake.

